



# **City-Wide Traffic Signal Mitigation Impact Fee Nexus Analysis for Proposed Fee Update**

**September 2016**

**Prepared By:  
City of Fresno, Public Works Department  
Traffic & Engineering Services Division**

**Scott L. Mozier, PE, TE, Director  
Jill M. Gormley, TE, City Traffic Engineer**

## PROPOSED ADJUSTMENT TO THE CITYWIDE TRAFFIC SIGNAL MITIGATION IMPACT (TSMI) FEE PROGRAM

### **SUMMARY**

The City of Fresno's Traffic Signal Mitigation Impact (TSMI) fees are charged to all new development throughout the City, to mitigate traffic impacts through the funding of traffic signal improvements that serve new development. The capital improvement program associated with the TSMI fee includes facilities in the existing core of the City as well as in the new growth areas, in order to accommodate the traffic demands from new development throughout the City. The proposed annual adjustment to the TSMI Fee Program consists of several components:

- Review of new traffic signals that will be required
- Review of locations where protected left turn phasing will be needed
- Review of locations where additional vehicle lanes will be needed to maintain level of service standards
- Review of the estimated cost of the remaining improvements needed at each location
- Updating the fund balance in the TSMI fund
- Assigning the percentage from 25%, 50% or 75% to 100% for traffic signals to be constructed on the sphere boundary that are required as a result of planned growth within the sphere
- Eliminating any North Growth Area (i.e. the area north of Copper River Ranch up to the Friant/Willow intersection) and Southeast Growth Area (SEGA) capital facilities and average daily trips (ADT) from the fee calculations
- Updating the current amount for which developers are eligible for reimbursement from future fee revenue
- Updating the estimated number of ADT from new development projections
- Updating the program based on new grants or public funds that have been designated for the traffic signal capital improvement program, thus lessening the need for new development to fund those improvements by that same amount

In summary, the fee is proposed to increase by 5.84% for most land uses. The City also proposes to recognize and standardize the application of pass-by reductions to applicable land uses. The proposed fees are summarized on Table 1 below.

## TABLE 1 - Traffic Signal Mitigation Impact Fees

| Use                                 | Variable Unit     | Fee/Unit |
|-------------------------------------|-------------------|----------|
| Single-Family Residential           | SFDU              | \$475    |
| Multi-Family Residential            | MFDU              | \$332    |
| Assisted Living <sup>1</sup>        | Occupied Beds     | \$137    |
| Lodging <sup>2</sup>                | Occupied Rooms    | \$445    |
| Health/Fitness Club <sup>3</sup>    | KSF               | \$1,645  |
| Industrial <sup>4</sup>             | KSF               | \$348    |
| Warehouse                           | KSF               | \$178    |
| <b>Institutional</b>                |                   |          |
| Elementary School <sup>5</sup>      | Students          | \$64     |
| Middle/JR High School <sup>5</sup>  | Students          | \$81     |
| High School <sup>5</sup>            | Students          | \$85     |
| Private School (K-12)               | Students          | \$124    |
| Community College                   | Students          | \$61     |
| University                          | Students          | \$85     |
| Place of Worship                    | Seats             | \$31     |
| Day Care Center/Preschool           | Students          | \$218    |
| Library                             | KSF               | \$2,805  |
| Hospital                            | Beds              | \$645    |
| Clinic                              | KSF               | \$1,568  |
| Medical/Dental Office               | KSF               | \$1,802  |
| Office <sup>6</sup>                 | KSF               | \$550    |
| <b>Commercial</b>                   |                   |          |
| Discount Store <sup>7</sup>         | KSF               | \$1,822  |
| General Retail <sup>8</sup>         | KSF               | \$2,129  |
| Supermarket                         | KSF               | \$3,263  |
| Discount Club                       | KSF               | \$2,085  |
| Home Improvement Store <sup>9</sup> | KSF               | \$797    |
| Pharmacy <sup>10</sup>              | KSF               | \$2,465  |
| Restaurant <sup>11</sup>            | KSF               | \$3,614  |
| Fast-Food Restaurant                | KSF               | \$12,371 |
| Convenience Market w/Gas Station    | Fueling Positions | \$3,572  |
| Convenience Market (no pumps)       | KSF               | \$3,572  |
| Bank <sup>12</sup>                  | Drive-In Lanes    | \$3,681  |
| Tire Store                          | Service Bays      | \$1,524  |
| Automobile Care Center              | Service Bays      | \$622    |
| Car Wash                            | Stalls            | \$5,386  |

## Other

Uses not included above shall be based upon a trip generation analysis, to be approved by the  
City Traffic Engineer per ADT \$49.87

- <sup>1</sup> = includes nursing home & assisted living uses
- <sup>2</sup> = includes hotel, all suite hotel, business hotel & motel
- <sup>3</sup> = includes racquet/tennis club, health/fitness club & athletic club
- <sup>4</sup> = includes light, heavy & industrial park
- <sup>5</sup> = public, private or charter schools
- <sup>6</sup> = includes general office, office park, business park & R&D center
- <sup>7</sup> = includes super store
- <sup>8</sup> = includes specialty retail and shopping centers over 150,000 sf
- <sup>9</sup> = includes building materials/lumber store & hardware/paint store
- <sup>10</sup> = with or without drive-through
- <sup>11</sup> = includes high-turnover and quality
- <sup>12</sup> = if no drive-in lanes, use sf as variable

## REVIEW OF NEW TRAFFIC SIGNALS THAT WILL BE REQUIRED, PROTECTED LEFT TURN PHASING REQUIREMENTS AND ADDITIONAL VEHICLE LANES REQUIRED TO SERVE NEW DEVELOPMENT

The list of new traffic signals that will be required to serve new development has been reviewed and the following modifications are recommended:

- Gates and San Jose - this intersection of two major streets was inadvertently not included in previous updates of the fee program. A signal will be warranted.
- Brawley and Barstow - this intersection of two major streets was inadvertently not included in previous updates of the fee program. A signal will be warranted.
- Blackstone at Escalon, Holland, Floradora and Webster – future intensification along the corridor as called for in the 2035 GP is expected to necessitate traffic signals at these quarter-mile locations.
- Ventura at Eighth, Kings Canyon at Sierra Vista - future intensification along the corridor as called for in the 2035 GP is expected to necessitate traffic signals at these quarter-mile locations.
- Walnut/Plumas and Church – the alignment of Walnut between California and Church now results in an offset with two signals to eventually be needed rather than one. A signal is being added to the program.
- Cedar and California - this intersection of two major streets was inadvertently not included in previous updates of the fee program. A signal will be warranted.
- Fort Washington and Champlain – the balance of the work required at this former UGM signal was inadvertently not included in previous updates
- Millbrook and Nees – the balance of the work required for N/S traffic at this former UGM signal was inadvertently not included in previous updates
- Cedar and Teague – the balance of the work required for E/W traffic at this former UGM signal was inadvertently not included in previous updates
- Chestnut and Sierra – the signal will require modification when the northeast corner is eventually developed
- Belmont and Minnewawa - this intersection of two major streets was inadvertently not included in previous updates of the fee program. A signal will be warranted.
- Tulare and Minnewawa - this intersection of two major streets was inadvertently not included in previous updates of the fee program. A signal will be warranted.
- Fresno and McKenzie – this intersection requires full signal reconstruction to accommodate new development in the area
  
- Fulton and Ventura, H and Mono, H and Stanislaus, H and Calaveras –new signals will be required to serve new development in the Downtown
- M and Ventura – protected left turn phasing will be required to serve planned new development in the vicinity
- G and Merced, G and Mariposa, G and Inyo, G and Mono – new signals will be required to serve new development in the Chinatown area
- Elm and Central – the intersection is being added as it will require a future signal and is now within the sphere of influence

The following intersections are proposed as additions, in accordance with the share attributable to new development by the attached study prepared by Fehr & Peers:

- Shaw Avenue at SR-99 Ramp Intersections
- McKinley at SR-41 Southbound On-Ramp
- Ashlan Avenue at SR-99 Southbound Off-Ramp
- Shaw Avenue at SR-41 Northbound Off-Ramp

The following intersections are recommended for removal from the capital improvement program to be implemented by the TSMI fee program. These intersections were previously included as planned improvements but have been determined to be unnecessary for implementation of the 2035 General Plan:

- Garfield intersections at Herndon, Sierra, Bullard, Barstow, Gettysburg, Ashlan and Dakota – should be deleted due to lack of future traffic projected at these locations.
- Riverside and Spruce – should be deleted due to lack of future traffic projected at this location.
- Cecelia and Escalon – should be deleted due to lack of future traffic projected at this location.
- Milburn and Alluvial – should be deleted due to lack of future traffic projected at this location.
- Bullard and Carnegie – Due to the circulation changes resulting from High Speed Rail, the at-grade railroad crossing will be closed and a signal will no longer be necessary in the future.
- Blythe and Palo Alto – should be deleted due to lack of future traffic projected at this location.
- Brawley and Parkway – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Brawley and Kearney – should be deleted due to lack of future traffic projected at this location.
- Valentine and Parkway – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Valentine and Kearney – should be deleted due to lack of future traffic projected at this location.
- Marks and Shields – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Marks and Princeton – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Clinton and Vassar – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Golden State and McKinley - Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- H and Broadway - Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.

- Van Ness and Santa Clara – Eliminated due to close proximity to the Caltrans interchange.
- Divisadero and Van Ness, F and Kern, G and Kern, Fulton and Stanislaus – signal modifications are no longer necessary under the 2035 GP
- Wishon/Clinton, Van Ness/Shields and Van Ness/Clinton – protected left turn phasing is no longer being planned or necessary at these locations.
- Hughes and Annadale – although Annadale Avenue is the half-mile location, the 2035 General Plan does not include a classified major street at this location and therefore the intersection should be deleted
- Fresno and Shields – a previous traffic impact study for a private development project had included a recommendation for a future second northbound left turn lane at the intersection, which would in turn require a significant widening of the bridge over the irrigation canal. Further analysis has shown that the projected traffic volumes were overestimated and that the recommended second northbound left turn lane would be unnecessary both now and in the future.
- Cherry and Annadale – although Annadale Avenue is the half-mile location, the 2035 General Plan does not include a classified major street at this location and therefore the intersection should be deleted
- First and Sierra, Huntington – these are no longer being planned for protected left turn phasing
- Cedar at Princeton, Dayton – these are no longer being planned for protected left turn phasing
- Orange and Malaga – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Cedar and Jensen – the previously planned dual left turn lanes will no longer be needed.
- Cedar and Malaga – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Maple and McKinley – the previously planned dual left turn lanes and associated signal modifications will no longer be needed under the 2035 GP.
- Maple and California - although California Avenue is the half-mile location, the 2035 General Plan does not include a classified major street at this location and therefore the intersection should be deleted
- Maple and Central - should be deleted due to lack of future traffic projected at this location.
- Maple and Malaga – Due to the circulation changes resulting from High Speed Rail, a signal will no longer be necessary in the future.
- Maple and American - should be deleted due to lack of future traffic projected at this location.
- Chestnut and Dakota – a previous traffic impact study for a private development project had included a recommendation to widen from single to dual left turn lanes for the Dakota Avenue approaches to the intersection to address vehicle queuing. Subsequent monitoring of the intersection has demonstrated that the intersection does not, nor is it projected to, experience level of service issues or excessive queuing.

- Willow and Annadale – although Annadale Avenue is the half-mile location, the 2035 General Plan does not include a classified major street at this location and therefore the intersection should be deleted
- Church and Minnewawa (north/west leg) – previous updates included signals at the north leg of Minnewawa (local street) and at the south leg of Minnewawa (collector street). Only the south leg will be retained in the fee program.
- Minnewawa and Annadale – neither street is a planned classified street at this location and therefore the intersection should be deleted
- SR-99 Southbound Off-Ramp at Shields – deleted due to HSR circulation changes
- SR-99 Northbound Off-Ramp and Southbound On-Ramp at McKinley – deleted due to HSR circulation changes
- SR-99 Ramps at Belmont – the signals are being installed by High Speed Rail

## **REVIEW OF THE ESTIMATED COST OF THE REMAINING IMPROVEMENTS NEEDED AT EACH LOCATION**

The updated analysis of remaining cost at each location has been completed. Recent costs from the City of Fresno Public Works Department canvas of bids for construction projects and recent costs from developer reimbursement requests have been utilized to best estimate the cost to complete each project in the capital improvement program, using current 2016 dollars for the cost estimates. Projects that have been completed and projects with committed non-impact fee funding sources have been removed from the list of needed improvements remaining. The updated analysis is included as Attachment “A”. The total remaining capital need is estimated at \$178,128,735.

## **UPDATING THE FUND BALANCE IN THE TSMI FUND**

As of August 31, 2016, the cash balance in the TSMI fund available for capital projects and developer reimbursements was \$1,985,124. This amount of funding reduces the amount that needs to be funded by new development.

## **UPDATING THE CURRENT AMOUNT FOR WHICH DEVELOPERS ARE ELIGIBLE FOR REIMBURSEMENT FROM FUTURE FEE PAYMENTS**

The total amount of eligible reimbursements as of August 2016 was \$1,936,392.

## **UPDATING FUTURE TRAFFIC PROJECTIONS FROM NEW DEVELOPMENT**

The projected future ADT that will require these traffic signal infrastructure improvements is currently estimated to be 3,110,615. The attached analysis is entitled “City Wide Traffic Signal Impact Fee 2035 General Plan Planned Land Use”.



## **UPDATING THE PROGRAM BASED ON NEW GRANTS OR PUBLIC FUNDS THAT HAVE BEEN DESIGNATED FOR THE TRAFFIC SIGNAL CAPITAL IMPROVEMENT PROGRAM**

The City of Fresno has continued its effort to secure Federal and State grants for infrastructure improvements including traffic signals. Currently a total of \$23,055,677 of non-impact fee funding has been obtained and/or earmarked for specific traffic signal capital improvement projects. This lessens the need for new development to provide funding for the necessary traffic signal improvements. Therefore the total capital need attributable to new development, to be funded by traffic signal mitigation impact fee dollars, is \$178,180,627, less \$23,055,677 in non-impact grant funds, or a total of \$155,124,950.

The projected total traffic from future development is 3,110,615 new ADT which in turn create the need for the improvements. The resulting analysis is a calculated fee of \$49.85 per ADT, a 5.84% increase over the current fee of \$47.12. To provide a convenient and understandable fee table for developers and businesses in the City of Fresno, Table 1 includes the calculated fee for nearly all uses, which also recognizes the effect of pass-by reductions in accordance with industry practices and studies from the Institute of Transportation Engineers (ITE). The fee per ADT shall only be applicable to special uses not listed on Table 1 and as determined by the City Traffic Engineer; otherwise Table 1 fees shall apply.

Traffic Signal Capital Improvements

| LOCATION          | Signal Type          | Percent Missing | Percent Fresno TSMI Fees | Single Left | Dual Left | Traffic Signal Cost | Non-Impact Fee City/Grant Funding Committed | Total Cost Covered by 2016 update to Traffic Signal Mitigation Impact Fee Program | Total Cost Fee Cost 10/21/08 | Total Cost Fee Cost 3/27/07 | Total Cost Fee Cost 1/19/06 | Total Cost Fee Cost 11/20/04 | Notes   |
|-------------------|----------------------|-----------------|--------------------------|-------------|-----------|---------------------|---|---|------------------------------|-----------------------------|-----------------------------|------------------------------|---|
| Garfield          | Hemdon               | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$132,500                    | \$130,000                   | \$120,000                   | \$130,000                    | Removed with 2016 update.   |
|                   | Sierra               | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    | Removed with 2016 update.   |
|                   | Bullard              | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    | Removed with 2016 update.   |
|                   | Barstow              | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    | Removed with 2016 update.   |
|                   | Shaw                 | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$157,500                    | \$195,000                   | \$152,500                   | \$162,500                    |   |
|                   | Gettysburg           | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    | Removed with 2016 update.   |
|                   | Adrian               | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    | Removed with 2016 update.   |
|                   | Dakota               | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    | Removed with 2016 update.   |
|                   | Shields              | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$78,750                     | \$77,500                    | \$75,250                    | \$81,250                     |   |
|                   | Hemdon               | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$315,000                    | \$315,000                   | \$354,750                   | \$420,000                    | Removed with 2016 update - HSR will construct a grade separated structure.            |
| Golden State      | Jug Handle #1        | 100%            | 100%                     |             |           | \$372,000           | \$372,000                                   | \$372,000   | \$315,000                    | \$364,750                   | \$364,750                   | \$420,000                    | Shown on the list but funded through Measure C.                                       |
|                   | Jug Handle #2        | 0%              | 0%                       |             |           | \$372,000           | \$372,000                                   | \$372,000   | \$315,000                    | \$364,750                   | \$364,750                   | \$420,000                    | Shown on the list but funded through Measure C.                                       |
|                   | Carnegie             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$350,000                    | \$350,000                   | \$0                         | \$0                          | Removed with 2016 update - HSR will construct a grade separated structure.            |
|                   | Ashland/State        | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$265,000                    | \$260,000                   | \$0                         | \$0                          | Removed with 2016 update - Celltrans to construct traffic signal with 99 Relo project |
|                   | Hemdon               | 100%            | 100%                     |             |           | \$500,000           | \$0   | \$500,000   | \$265,000                    | \$260,000                   | \$240,000                   | \$260,000                    | Developer has not filed for reimbursement   |
| Parkway Grantland | Parkway/SR99 On-Ramp | 10%             | 100%                     |             |           | \$13,600            | \$0   | \$13,600  | \$450,000                    | \$260,000                   | \$240,000                   | \$260,000                    |   |
|                   | Bullard              | 90%             | 100%                     |             |           | \$363,600           | \$0   | \$363,600   | \$265,000                    | \$260,000                   | \$240,000                   | \$260,000                    |   |
|                   | Barstow              | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$240,000                    |   |
|                   | Shaw                 | 100%            | 100%                     |             |           | \$1,200,000         | \$806,000                                   | \$404,000   | \$315,000                    | \$310,000                   | \$305,000                   | \$325,000                    | County/HSR funding for Temporary and Ultimate Improvements                            |
|                   | Ashlan               | 95%             | 100%                     |             |           | \$550,550           | \$0   | \$350,550   | \$300,000                    | \$310,000                   | \$305,000                   | \$325,000                    |   |
|                   | Dakota               | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Shields              | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000   | \$236,250                    | \$232,500                   | \$228,750                   | \$243,750                    |   |
|                   | Clinton              | 100%            | 100%                     |             |           | \$336,000           | \$0   | \$336,000   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    |   |
|                   | McKinley             | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$157,500                    | \$155,000                   | \$120,000                   | \$130,000                    |   |
|                   | Olive                | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    |   |
| Veterans Blvd     | Belmont              | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000   | \$172,500                    | \$172,500                   | \$60,000                    | \$65,000                     |   |
|                   | EB Hemdon            | 100%            | 100%                     |             |           | \$336,000           | \$0   | \$336,000   | \$250,000                    | \$310,000                   | \$305,000                   | \$325,000                    |   |
|                   | Hayes                | 100%            | 100%                     |             |           | \$36,900            | \$0   | \$36,900  | \$372,000                    | \$372,000                   | \$240,000                   | \$260,000                    |   |
|                   | Riveraide-Bullard    | 10%             | 100%                     |             |           | \$332,100           | \$0   | \$332,100   | \$330,000                    | \$330,000                   | \$305,000                   | \$325,000                    |   |
|                   | Bryan-Barstow North  | 90%             | 100%                     |             |           | \$369,000           | \$0   | \$369,000   | \$330,000                    | \$330,000                   | \$305,000                   | \$325,000                    |   |
|                   | Barstow South        | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000   | \$330,000                    | \$330,000                   | \$305,000                   | \$325,000                    |   |
|                   | Shaw                 | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000   | \$315,000                    | \$315,000                   | \$305,000                   | \$325,000                    |   |
|                   | Gettysburg N         | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000   | \$315,000                    | \$315,000                   | \$305,000                   | \$325,000                    |   |
|                   | Gettysburg S         | 100%            | 100%                     |             |           | \$336,000           | \$0   | \$336,000   | \$290,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Spruce               | 0%              | 0%                       |             |           | \$164,500           | \$0   | \$164,500   | \$150,000                    | \$310,000                   | \$305,000                   | \$325,000                    | Developer has not filed for reimbursement   |
| Bullard Bryan     | Hemdon               | 50%             | 100%                     |             |           | \$0                 | \$0   | \$0   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Carnegie             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Shaw                 | 100%            | 100%                     |             |           | \$336,000           | \$0   | \$336,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Gettysburg           | 95%             | 100%                     |             |           | \$383,600           | \$0   | \$383,600   | \$300,000                    | \$310,000                   | \$305,000                   | \$325,000                    |   |
|                   | Ashlan               | 95%             | 100%                     |             |           | \$383,600           | \$0   | \$383,600   | \$300,000                    | \$310,000                   | \$305,000                   | \$325,000                    |   |
|                   | Dakota               | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Shields              | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Clinton              | 100%            | 100%                     |             |           | \$336,000           | \$0   | \$336,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | McKinley             | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Olive                | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
| Hayes             | Belmont              | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000   | \$404,000                    | \$404,000                   | \$310,000                   | \$305,000                    |   |
|                   | Shaw                 | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000   | \$404,000                    | \$404,000                   | \$310,000                   | \$305,000                    |   |
|                   | Belmont              | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    |   |
|                   | Spruce               | 80%             | 100%                     |             |           | \$323,200           | \$0   | \$323,200   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Hemdon               | 20%             | 100%                     |             |           | \$73,800            | \$0   | \$73,800  | \$25,000                     | \$0                         | \$0                         | \$0                          |   |
|                   | Shaw (s leg)         | 100%            | 100%                     |             |           | \$336,000           | \$0   | \$336,000   | \$315,000                    | \$310,000                   | \$305,000                   | \$325,000                    |   |
|                   | Gettysburg           | 100%            | 100%                     |             |           | \$363,600           | \$0   | \$363,600   | \$290,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Ashlan               | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$315,000                    | \$310,000                   | \$305,000                   | \$325,000                    |   |
|                   | Dakota               | 95%             | 100%                     |             |           | \$383,600           | \$0   | \$383,600   | \$290,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Shields              | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
| Polk              | Clinton              | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | McKinley             | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Olive                | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Belmont              | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000   | \$404,000                    | \$404,000                   | \$310,000                   | \$305,000                    |   |
|                   | Shaw (n leg)         | 100%            | 100%                     |             |           | \$336,000           | \$0   | \$336,000   | \$147,500                    | \$145,000                   | \$130,000                   | \$130,000                    | Added with the 2016 update  |
|                   | Hemdon               | 0%              | 100%                     |             |           | \$36,900            | \$0   | \$36,900  | \$0                          | \$0                         | \$0                         | \$0                          |   |
|                   | Palo Alto            | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0   | \$90,000                     | \$310,000                   | \$325,000                   | \$325,000                    | Developer work complete, on reimbursement list  |
|                   | Sierra               | 90%             | 100%                     |             |           | \$363,600           | \$0   | \$363,600   | \$250,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Bullard              | 90%             | 100%                     |             |           | \$334,600           | \$0   | \$334,600   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Shaw                 | 80%             | 100%                     |             |           | \$295,200           | \$0   | \$295,200   | \$350,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
| Dante Gates       | Gettysburg           | 90%             | 100%                     |             |           | \$363,600           | \$0   | \$363,600   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Ashlan               | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$315,000                    | \$325,000                   | \$325,000                   | \$325,000                    |   |
|                   | Dakota               | 100%            | 100%                     |             |           | \$363,600           | \$0   | \$363,600   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Shields              | 90%             | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$315,000                    | \$325,000                   | \$325,000                   | \$325,000                    |   |
|                   | Clinton              | 95%             | 100%                     |             |           | \$383,600           | \$0   | \$383,600   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | McKinley             | 95%             | 100%                     |             |           | \$383,600           | \$0   | \$383,600   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Olive                | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | Belmont              | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$147,500                    | \$145,000                   | \$120,000                   | \$130,000                    |   |
|                   | Bullard              | 80%             | 100%                     |             |           | \$323,200           | \$0   | \$323,200   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    |   |
|                   | San Jose             | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000   | \$295,000                    | \$290,000                   | \$240,000                   | \$260,000                    | Added with 2016 update  |

Traffic Signal Capital Improvements

| LOCATION       | Signal Type | Percent Missing | Percent Fresno TSMU Fees | Single Left | Dual Left | Traffic Signal Cost | Non-impact Fee City/Grant Funding Committed | Total Cost Covered by 2016 update to Traffic Signal Migration Impact Fee Program |         | Total Cost | Total Cost | Total Cost | Total Cost | Notes  |
|----------------|-------------|-----------------|--------------------------|-------------|-----------|---------------------|---|--|---------|------------|------------|------------|------------|--|
|                |             |                 |                          |             |           |                     |   | Fee  | Program |            |            |            |            |  |
| <b>Cecelia</b> |             |                 |                          |             |           |                     |   |  |         |            |            |            |            |  |
| Escalon        | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$285,000  | \$280,000  | \$240,000  | \$260,000  | Project completed  |
| Gethysburg     | 6p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  | Removed with 2016 update   |
| Ashlan         | 6p W/ITS    | 5%              | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Dakota         | 6p W/ITS    | 100%            | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$0     | \$150,000  | \$150,000  | \$305,000  | \$325,000  |  |
| Shields        | 6p W/ITS    | 95%             | 100%                     |             |           | \$383,800           | \$0   | \$383,800  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Clinton        | 6p W/ITS    | 95%             | 100%                     |             |           | \$350,550           | \$0   | \$350,550  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| McKinley       | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Olive          | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$315,000  | \$310,000  | \$305,000  | \$325,000  |  |
| Belmont        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$290,000  | \$280,000  | \$240,000  | \$260,000  | Removed with 2016 update   |
| Alluvial       | 6p W/ITS    | 0%              | 0%                       |             |           | \$363,600           | \$0   | \$363,600  | \$0     | \$290,000  | \$280,000  | \$0        | \$0        |  |
| Spurce         | 6p W/ITS    | 90%             | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$0     | \$15,000   | \$15,000   | \$240,000  | \$305,000  | Removed with 2016 update   |
| Palo Alto      | 6p W/ITS    | 100%            | 100%                     |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$245,000  | \$260,000  | Removed with 2016 update   |
| Hemdon         | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$245,000  | \$260,000  |  |
| Palo Alto      | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$245,000  | \$260,000  |  |
| Gates          | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$0     | \$25,000   | \$25,000   | \$245,000  | \$260,000  |  |
| Ashlan         | 6p W/ITS    | 100%            | 100%                     |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$245,000  | \$260,000  |  |
| Dakota         | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Shields        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$400,000  | \$400,000  | \$305,000  | \$325,000  |  |
| Clinton        | 6p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$0     | \$290,000  | \$280,000  | \$240,000  | \$260,000  |  |
| McKinley       | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Olive          | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$310,000  | \$310,000  | \$305,000  | \$325,000  |  |
| Belmont        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$290,000  | \$280,000  | \$240,000  | \$260,000  |  |
| Nielsen        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$310,000  | \$310,000  | \$305,000  | \$325,000  |  |
| Belmont        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$290,000  | \$280,000  | \$240,000  | \$260,000  |  |
| Nielsen        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$290,000  | \$280,000  | \$240,000  | \$260,000  |  |
| Whitesbridge   | 6p W/ITS    | 0%              | 0%                       |             |           | \$202,000           | \$0   | \$202,000  | \$0     | \$221,250  | \$217,500  | \$180,000  | \$195,000  |  |
| Keamey         | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$145,000  | \$145,000  | \$120,000  | \$130,000  |  |
| Madison        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$147,500  | \$147,500  | \$120,000  | \$130,000  | Removed with 2016 update   |
| Madison        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$147,500  | \$147,500  | \$120,000  | \$130,000  |  |
| California     | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$0     | \$265,000  | \$260,000  | \$240,000  | \$260,000  |  |
| Sierra         | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$0     | \$265,000  | \$260,000  | \$240,000  | \$260,000  |  |
| Gates          | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Dakota         | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$265,000  | \$260,000  | \$240,000  | \$260,000  |  |
| Shields        | 6p W/ITS    | 100%            | 100%                     |             |           | \$81,000            | \$616,000                                   | \$697,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  | Removed with 2016 update due to SR 99 Relocation and realignment |
| Clinton        | 6p W/ITS    | 100%            | 100%                     |             |           | \$0                 | \$0   | \$0  | \$0     | \$35,000   | \$35,000   | \$240,000  | \$260,000  |  |
| McKinley       | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Olive          | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$315,000  | \$310,000  | \$305,000  | \$325,000  |  |
| Belmont        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Nielsen        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Whitesbridge   | 6p W/ITS    | 50%             | 100%                     |             |           | \$202,000           | \$0   | \$202,000  | \$0     | \$221,250  | \$217,500  | \$180,000  | \$195,000  |  |
| Keamey         | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$145,000  | \$145,000  | \$120,000  | \$130,000  |  |
| Madison        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$147,500  | \$147,500  | \$120,000  | \$130,000  | Removed with 2016 update   |
| Madison        | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$147,500  | \$147,500  | \$120,000  | \$130,000  |  |
| California     | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Sierra         | 6p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$0     | \$145,000  | \$145,000  | \$120,000  | \$130,000  |  |
| Dakota         | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  |  |
| Shields        | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  | Removed with 2016 update   |
| Weber          | 6p W/ITS    | 20%             | 100%                     |             |           | \$74,400            | \$0   | \$74,400   | \$0     | \$200,000  | \$200,000  | \$150,000  | \$350,000  | Removed with 2016 update due to SR 99 Relocation                 |
| Princeton      | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$295,000  | \$290,000  | \$240,000  | \$260,000  | Not at the ultimate  |
| McKinley       | 6p W/ITS    | 20%             | 100%                     |             |           | \$73,800            | \$0   | \$73,800   | \$0     | \$34,000   | \$34,000   | \$257,500  | \$325,000  | Removed with 2016 update   |
| Olive          | 6p W/ITS    | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000  | \$0     | \$310,000  | \$310,000  | \$305,000  | \$325,000  |  |
| Belmont        | 6p W/ITS    | 80%             | 100%                     |             |           | \$295,200           | \$140,000                                   | \$435,200  | \$0     | \$270,000  | \$270,000  | \$240,000  | \$260,000  |  |
| Nielsen        | 6p W/ITS    | 100%            | 100%                     |             |           | \$295,200           | \$0   | \$295,200  | \$0     | \$250,000  | \$250,000  | \$240,000  | \$260,000  |  |
| Whitesbridge   | 6p W/ITS    | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000  | \$0     | \$600,000  | \$600,000  | \$240,000  | \$260,000  |  |
| Keamey/Madison | 6p W/ITS    | 100%            | 100%                     |             |           | \$332,100           | \$0   | \$332,100  | \$0     | \$221,250  | \$221,250  | \$180,000  | \$195,000  |  |
| California     | 6p W/ITS    | 90%             | 100%                     |             |           | \$336,000           | \$0   | \$336,000  | \$0     | \$147,500  | \$147,500  | \$120,000  | \$130,000  |  |
| Church         | 6p W/ITS    | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000  | \$0     | \$157,500  | \$157,500  | \$152,500  | \$162,500  |  |
| Jensen         | 6p W/ITS    | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000  | \$0     | \$145,000  | \$145,000  | \$120,000  | \$130,000  |  |
| Annadale       | 6p W/ITS    | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000  | \$0     | \$147,500  | \$147,500  | \$120,000  | \$130,000  |  |
| North          | 6p W/ITS    | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000  | \$0     | \$73,750   | \$73,750   | \$60,000   | \$65,000   |  |
| Shields        | 6p W/ITS    | 100%            | 21%                      |             |           | \$795,000           | \$627,000                                   | \$1,422,000  | \$0     | \$295,000  | \$290,000  | \$305,000  | \$350,000  | HSJP 2012 funding  |
| Clinton        | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0     | \$265,000  | \$260,000  | \$260,000  | \$260,000  | Removed with 2016 update due to SR 99 Relocation                 |

Traffic Signal Capital Improvements

Table with columns: LOCATION, Signal Type, Percent Missing, Percent Fresno TSM Fees, Single Left, Dual Left, Traffic Signal Cost, Non-Impact Fee City/Grant Funding Committed, Total Cost Covered by 2016 update to Traffic Signal Mitigation Impact Fee Program, Total Cost, Fee Cost 10/21/06, Total Cost, Fee Cost 3/27/07, Fee Cost 1/31/06, Total Cost, Fee Cost 11/20/04, Notes. Rows include locations like Hughes, West, Treisman, Fruit, Thome, Walnut, Palm, Echo Ingram, Fig/M/L King, Mariposa Blackstone, Elm, Fresno Cherry, First, Audubon, Friant, East, Millbrook, Orange, Pulman Granville Eighth Ninth Tenth.

| LOCATION            | East/West Street         | Signal Type | Percent Missing | Percent Fresno TSMU Fees | Single Left | Dual Left | Traffic Signal Cost | Non-Impact Fee City/Grant Funding Committed | Total Cost Covered by 2016 update to Mitigation Impact Fee Program | Total Cost        |                  | Notes |                                |
|---------------------|--------------------------|-------------|-----------------|--------------------------|-------------|-----------|---------------------|---|--|-------------------|------------------|-------|--------------------------------|
|                     |                          |             |                 |                          |             |           |                     |   |  | Fee Cost 10/21/08 | Fee Cost 3/27/07 |       | Fee Cost 1/31/06               |
| <b>Champlain</b>    | Hickory Hill             | 8p W/ITS    | 90%             | 100%                     |             |           | \$363,600           | \$0   | \$363,600  | \$295,000         | \$240,000        | \$0   |                                |
|                     | Liberty Hill             | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0               | \$240,000        | \$0   | \$0 Removed with 2016 update   |
|                     | Copper                   | 8p W/ITS    | 10%             | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Olympic                  | 8p W/ITS    | 90%             | 100%                     |             |           | \$363,600           | \$0   | \$363,600  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Cedar</b>        | Woodward                 | 6p W/ITS    | 100%            | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$290,000         | \$0              | \$0   | \$0                            |
|                     | California               | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$0               | \$0              | \$0   | \$0 Added with the 2016 update |
|                     | North                    | 8p W/ITS    | 25%             | 100%                     |             |           | \$101,000           | \$0   | \$101,000  | \$90,000          | \$59,200         | \$0   | \$260,000                      |
|                     | Central                  | 8p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Maple</b>        | Malaga                   | 8p W/ITS    | 0%              | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | American                 | 8p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Copper                   | 8p W/ITS    | 0%              | 0%                       |             |           | \$256,000           | \$0   | \$256,000  | \$310,000         | \$305,000        | \$0   | \$162,500                      |
|                     | International            | 8p W/ITS    | 100%            | 0%                       |             |           | \$60,600            | \$0   | \$60,600   | \$290,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Sierra Vista</b> | Behrmer                  | 8p W/ITS    | 15%             | 100%                     |             |           | \$363,600           | \$0   | \$363,600  | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Penn                     | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Shepherd                 | 8p W/ITS    | 0%              | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Teague                   | 8p W/ITS    | 5%              | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$290,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Sommerville</b>  | Teague                   | 8p W/ITS    | 25%             | 100%                     |             |           | \$101,000           | \$0   | \$101,000  | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | California               | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Jensen                   | 8p W/ITS    | 0%              | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | North                    | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$221,250         | \$180,000        | \$0   | \$195,000                      |
| <b>Chestnut</b>     | Central                  | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$145,000         | \$120,000        | \$0   | \$130,000                      |
|                     | Malaga                   | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$221,250         | \$180,000        | \$0   | \$195,000                      |
|                     | American                 | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$217,500         | \$180,000        | \$0   | \$195,000                      |
|                     | Clinon                   | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$72,500          | \$60,000         | \$0   | \$65,000                       |
| <b>Winery</b>       | Kings Canyon Road        | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$40,000          | \$0              | \$0   | \$0                            |
|                     | Perrin                   | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Plymouth                 | 8p W/ITS    | 90%             | 100%                     |             |           | \$363,600           | \$0   | \$363,600  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Chestnut                 | 8p W/ITS    | 80%             | 100%                     |             |           | \$334,800           | \$0   | \$334,800  | \$290,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Willow</b>       | Copper                   | 8p W/ITS    | 3%              | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$290,000         | \$240,000        | \$0   | \$260,000                      |
|                     | International            | 8p W/ITS    | 0%              | 100%                     |             |           | \$363,600           | \$0   | \$363,600  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Behrmer                  | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Shepherd                 | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Willow</b>       | Teague                   | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Needs                    | 8p W/ITS    | 5%              | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Alluvial                 | 8p W/ITS    | 50%             | 100%                     |             |           | \$202,000           | \$0   | \$202,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Herridon                 | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Winnery</b>      | Serra                    | 8p W/ITS    | 5%              | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$0               | \$0              | \$0   | \$0                            |
|                     | Ashian                   | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$0               | \$0              | \$0   | \$0                            |
|                     | McKinley                 | 8p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$265,000         | \$220,000        | \$0   | \$260,000                      |
|                     | Lane                     | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Willow</b>       | Friant                   | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$0               | \$0              | \$0   | \$0                            |
|                     | Willow Entrance (Silcox) | 8p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$132,500         | \$152,500        | \$0   | \$162,500                      |
|                     | Copper                   | 8p W/ITS    | 0%              | 50%                      |             |           | \$202,000           | \$0   | \$202,000  | \$157,500         | \$152,500        | \$0   | \$162,500                      |
|                     | International            | 8p W/ITS    | 0%              | 50%                      |             |           | \$0                 | \$0   | \$0  | \$157,500         | \$152,500        | \$0   | \$162,500                      |
| <b>Willow</b>       | Behrmer                  | 8p W/ITS    | 0%              | 50%                      |             |           | \$0                 | \$0   | \$0  | \$157,500         | \$152,500        | \$0   | \$162,500                      |
|                     | Perrin                   | 8p W/ITS    | 0%              | 50%                      |             |           | \$0                 | \$0   | \$0  | \$157,500         | \$152,500        | \$0   | \$162,500                      |
|                     | Shepherd                 | 8p W/ITS    | 10%             | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$125,000         | \$120,435        | \$0   | \$120,435                      |
|                     | Needs                    | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$55,000          | \$50,000         | \$0   | \$50,000                       |
| <b>Willow</b>       | Alluvial                 | 8p W/ITS    | 5%              | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$25,000          | \$25,000         | \$0   | \$25,000                       |
|                     | Spruce                   | 8p W/ITS    | 100%            | 50%                      |             |           | \$404,000           | \$0   | \$404,000  | \$145,000         | \$145,000        | \$0   | \$145,000                      |
|                     | Butler                   | 8p W/ITS    | 100%            | 19%                      |             |           | \$393,800           | \$437,000                                   | \$437,000  | \$265,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Church                   | 8p W/ITS    | 95%             | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$290,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Willow</b>       | Jensen                   | 8p W/ITS    | 10%             | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Anacondale               | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | North                    | 8p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$147,500         | \$120,000        | \$0   | \$130,000                      |
|                     | Kings Canyon Road        | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$0               | \$0              | \$0   | \$0                            |
| <b>Peach</b>        | Butler                   | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Lane                     | 8p W/ITS    | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Church                   | 8p W/ITS    | 10%             | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$75,000          | \$75,000         | \$0   | \$75,000                       |
|                     | Jensen                   | 8p W/ITS    | 33%             | 100%                     |             |           | \$133,320           | \$0   | \$133,320  | \$75,000          | \$75,000         | \$0   | \$75,000                       |
| <b>Minnewawa</b>    | North                    | 8p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$147,500         | \$120,000        | \$0   | \$130,000                      |
|                     | Belmont                  | 8p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$147,500         | \$120,000        | \$0   | \$130,000                      |
|                     | Tulare                   | 8p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$147,500         | \$120,000        | \$0   | \$130,000                      |
|                     | Kings Canyon Road        | 8p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Clovis</b>       | Jensen                   | 8p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Church (East/South leg)  | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Church (West/North leg)  | 6p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Anacondale               | 8p W/ITS    | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
| <b>Sunnyside</b>    | North                    | 8p W/ITS    | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$147,500         | \$120,000        | \$0   | \$130,000                      |
|                     | Lamona                   | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | Fancher Creek Dr         | 6p W/ITS    | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$295,000         | \$240,000        | \$0   | \$260,000                      |
|                     | California               | 8p W/ITS    | 5%              | 100%                     |             |           | \$20,200            | \$0   | \$20,200   | \$10,000          | \$240,000        | \$0   | \$260,000                      |

Traffic Signal Capital Improvements

| LOCATION          | Signal Type       | Percent Missing | Percent Fresno TSMI Fees | Single Left | Dual Left | Traffic Signal Cost | Non-Impact Fee City/Grant Funding Committed | Total Cost Covered by 2016 update to Mitigation Impact Fee Program | Total Cost        |                  | Fee Cost 11/2004  | Notes                                     |
|-------------------|-------------------|-----------------|--------------------------|-------------|-----------|---------------------|---|--|-------------------|------------------|---|---|
|                   |                   |                 |                          |             |           |                     |   |  | Fee Cost 10/21/08 | Fee Cost 3/27/07 |   |   |
| Fowler            | Shields           | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$260,000   | Removed with 2016 update.                 |
|                   | Belmont           | 100%            | 0%                       |             |           | \$404,000           | \$0   | \$0  | \$295,000         | \$240,000        | \$295,000   | Removed with 2016 update.                 |
|                   | California        | 95%             | 100%                     |             |           | \$353,400           | \$404,000                                   | \$0  | \$290,000         | \$240,000        | \$260,000   | Removed with 2016 update.                 |
|                   | Church            | 95%             | 100%                     |             |           | \$383,800           | \$0   | \$353,400  | \$290,000         | \$240,000        | \$260,000   |   |
|                   | 8e W/O ITS        | 25%             | 100%                     |             |           | \$92,250            | \$0   | \$92,250   | \$50,000          | \$240,000        | \$325,000   |   |
|                   | Annadale          | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$0              | \$260,000   | Removed with 2016 update - SEGA           |
|                   | North             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$147,500         | \$120,000        | \$130,000   | Developer has not filed for reimbursement |
|                   | Dakota            | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | Shields           | 25%             | 100%                     |             |           | \$101,000           | \$0   | \$101,000  | \$295,000         | \$240,000        | \$260,000   |   |
|                   | Clinton           | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$310,000         | \$305,000        | \$260,000   |   |
|                   | McKinley          | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$290,000         | \$240,000        | \$260,000   |   |
|                   | Olive             | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$295,000         | \$240,000        | \$260,000   |   |
|                   | Belmont           | 0%              | 100%                     |             |           | \$55,800            | \$0   | \$55,800   | \$290,000         | \$240,000        | \$260,000   | Removed with 2016 update.                 |
|                   | Tulare            | 15%             | 100%                     |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$260,000   |   |
|                   | Fancher Creek     | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   |   |
| Armstrong         | Kings Canyon Road | 0%              | 100%                     |             |           | \$0                 | \$0   | \$0  | \$310,000         | \$305,000        | \$350,000   | Removed with 2016 update.                 |
|                   | Hamilton          | 100%            | 100%                     |             |           | \$372,000           | \$0   | \$372,000  | \$265,000         | \$240,000        | \$260,000   | Removed with 2016 update.                 |
|                   | California        | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$295,000         | \$240,000        | \$260,000   |   |
|                   | Church            | 95%             | 100%                     |             |           | \$383,800           | \$0   | \$383,800  | \$290,000         | \$240,000        | \$260,000   |   |
|                   | Jensen            | 100%            | 100%                     |             |           | \$369,000           | \$0   | \$369,000  | \$315,000         | \$305,000        | \$325,000   | Traffic Signal Not at Ultimate Location   |
|                   | Annadale          | 100%            | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | North             | 100%            | 100%                     |             |           | \$0                 | \$0   | \$0  | \$147,500         | \$120,000        | \$130,000   | Removed with 2016 update - SEGA           |
|                   | Dakota            | 95%             | 100%                     |             |           | \$383,800           | \$0   | \$383,800  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update.                 |
|                   | Shields           | 100%            | 100%                     |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   |   |
|                   | Clinton           | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$310,000         | \$305,000        | \$260,000   |   |
|                   | McKinley          | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$290,000         | \$240,000        | \$260,000   |   |
|                   | Olive             | 100%            | 100%                     |             |           | \$404,000           | \$0   | \$404,000  | \$295,000         | \$240,000        | \$260,000   |   |
|                   | Belmont           | 90%             | 100%                     |             |           | \$353,600           | \$0   | \$353,600  | \$290,000         | \$240,000        | \$260,000   |   |
|                   | Kings Canyon Road | 10%             | 100%                     |             |           | \$40,400            | \$0   | \$40,400   | \$310,000         | \$305,000        | \$325,000   |   |
|                   | Hamilton          | 80%             | 100%                     |             |           | \$323,200           | \$0   | \$323,200  | \$290,000         | \$240,000        | \$260,000   |   |
| California        | 100%              | 100%            |                          |             | \$404,000 | \$0                 | \$404,000                                   | \$295,000  | \$240,000         | \$260,000        |   |   |
| Church            | 100%              | 100%            |                          |             | \$404,000 | \$0                 | \$404,000                                   | \$315,000  | \$305,000         | \$325,000        |   |   |
| Jensen            | 100%              | 100%            |                          |             | \$404,000 | \$0                 | \$404,000                                   | \$295,000  | \$240,000         | \$260,000        |   |   |
| Annadale          | 100%              | 100%            |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| North             | 100%              | 100%            |                          |             | \$0       | \$0                 | \$0   | \$147,500  | \$120,000         | \$130,000        | Removed with 2016 update - SEGA   |   |
| Dakota            | 90%               | 100%            |                          |             | \$332,100 | \$0                 | \$332,100                                   | \$265,000  | \$240,000         | \$260,000        |   |   |
| Shields           | 25%               | 100%            |                          |             | \$92,250  | \$0                 | \$92,250                                    | \$315,000  | \$305,000         | \$325,000        | Constructed but not yet on reimbursement list - % reflects tract fee credits. |   |
| Clinton           | 70%               | 100%            |                          |             | \$268,300 | \$0                 | \$268,300                                   | \$310,000  | \$305,000         | \$325,000        |   |   |
| McKinley          | 100%              | 100%            |                          |             | \$369,000 | \$0                 | \$369,000                                   | \$315,000  | \$305,000         | \$325,000        |   |   |
| Olive             | 100%              | 100%            |                          |             | \$369,000 | \$0                 | \$369,000                                   | \$315,000  | \$305,000         | \$325,000        |   |   |
| Belmont           | 100%              | 100%            |                          |             | \$369,000 | \$0                 | \$369,000                                   | \$315,000  | \$305,000         | \$325,000        |   |   |
| Tulare            | 100%              | 100%            |                          |             | \$369,000 | \$0                 | \$369,000                                   | \$315,000  | \$305,000         | \$325,000        |   |   |
| Kings Canyon Road | 50%               | 100%            |                          |             | \$168,000 | \$0                 | \$168,000                                   | \$65,000   | \$310,000         | \$325,000        |   |   |
| Butler            | 85%               | 100%            |                          |             | \$19,200  | \$0                 | \$19,200                                    | \$295,000  | \$240,000         | \$260,000        |   |   |
| Hamilton          | 100%              | 100%            |                          |             | \$332,100 | \$0                 | \$332,100                                   | \$265,000  | \$240,000         | \$260,000        |   |   |
| California        | 100%              | 100%            |                          |             | \$369,000 | \$0                 | \$369,000                                   | \$315,000  | \$305,000         | \$325,000        |   |   |
| Church            | 100%              | 100%            |                          |             | \$369,000 | \$0                 | \$369,000                                   | \$315,000  | \$305,000         | \$325,000        |   |   |
| Jensen            | 100%              | 100%            |                          |             | \$369,000 | \$0                 | \$369,000                                   | \$236,250  | \$228,750         | \$243,750        |   |   |
| Annadale          | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$147,500  | \$120,000         | \$130,000        | Removed with 2016 update - SEGA   |   |
| North             | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$73,750   | \$60,000          | \$65,000         | Removed with 2016 update - SEGA   |   |
| Shields           | 95%               | 100%            |                          |             | \$383,800 | \$0                 | \$383,800                                   | \$295,000  | \$240,000         | \$260,000        |   |   |
| McKinley          | 100%              | 100%            |                          |             | \$404,000 | \$0                 | \$404,000                                   | \$310,000  | \$305,000         | \$325,000        |   |   |
| Olive             | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Belmont           | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Tulare            | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Butler            | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| California        | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Church            | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Jensen            | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Shields           | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$147,500  | \$120,000         | \$130,000        | Removed with 2016 update - SEGA   |   |
| Clinton           | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| McKinley          | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Olive             | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Belmont           | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Tulare            | 100%              | 0%              |                          |             | \$0       | \$0                 | \$0   | \$295,000  | \$240,000         | \$260,000        | Removed with 2016 update - SEGA   |   |
| Leonard           | Shields           | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$310,000         | \$305,000        | \$325,000   | Removed with 2016 update - SEGA           |
|                   | Belmont           | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | Tulare            | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | KC                | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$310,000         | \$305,000        | \$325,000   | Removed with 2016 update - SEGA           |
|                   | Butler            | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | California        | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | Church            | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$290,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | Jensen            | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | Shields           | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$147,500         | \$120,000        | \$130,000   | Removed with 2016 update - SEGA           |
|                   | Clinton           | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | McKinley          | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$310,000         | \$305,000        | \$325,000   | Removed with 2016 update - SEGA           |
|                   | Olive             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | Belmont           | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$295,000         | \$240,000        | \$260,000   | Removed with 2016 update - SEGA           |
|                   | Tulare            | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0  | \$315,000         | \$305,000        | \$325,000   | Removed with 2016 update - SEGA           |

Traffic Signal Capital Improvements

| LOCATION   | Signal Type | Percent Missing | Percent Fresno TSMI Fees | Single Left | Dual Left | Traffic Signal Cost | Non-Impact Fee City/Grant Funding Committed | Total Cost Covered by 2016 update to Traffic Signal Mitigation Impact Fee Program | Total Cost        |                  | Total Cost | Notes                           |
|------------|-------------|-----------------|--------------------------|-------------|-----------|---------------------|---|---|-------------------|------------------|------------|---------------------------------|
|            |             |                 |                          |             |           |                     |   |   | Fee Cost 10/21/08 | Fee Cost 3/27/07 |            |                                 |
| KC         |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$310,000         | \$305,000        | \$325,000  | Removed with 2016 update - SEGA |
| Buller     |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| California |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| Church     |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| Jensen     |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$145,000         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Shields    |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Clinton    |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| McKinley   |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| Olive      |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$221,250         | \$180,000        | \$195,000  | Removed with 2016 update - SEGA |
| Belmont    |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Tulare     |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$157,500         | \$152,500        | \$162,500  | Removed with 2016 update - SEGA |
| KC         |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$145,000         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Buller     |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$145,000         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| California |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$145,000         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Church     |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$145,000         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Jensen     |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$72,500          | \$60,000         | \$65,000   | Removed with 2016 update - SEGA |
| Shields    |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| Clinton    |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$295,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| McKinley   |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$145,000         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Shields    |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |
| Clinton    |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$295,000         | \$240,000        | \$260,000  | Removed with 2016 update - SEGA |
| McKinley   |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$147,500         | \$120,000        | \$130,000  | Removed with 2016 update - SEGA |

**TRAFFIC SIGNAL UPGRADES FOR ADDITIONAL TURN LANES TO MAINTAIN LOS**

| Webster    | Chilton        | 0%   | 0%   |  |        | \$0         | \$0         | \$0         | \$1,200,000 | \$1,200,000 | \$0         | Included in HSR/Calttrans 99 project. No further work needed               |
|------------|----------------|------|------|--|--------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| Figarden   | Bullard        | 100% | 100% |  | x      | \$821,000   | \$0         | \$821,000   | \$1,200,000 | \$1,200,000 | \$0         | Traffic study indicates need for NB, EB dual lefts                         |
| Palm       | Shaw           | 100% | 100% |  | x      | \$1,910,000 | \$0         | \$1,910,000 | \$1,300,000 | \$975,000   | \$0         | TIS 11-011, confirmed 2015   |
| Ingram     | Nees           | 100% | 100% |  | x      | \$821,000   | \$0         | \$821,000   | \$750,000   | \$210,000   | \$260,000   | Funded through RSTP  |
| Blackstone | Shields        | 100% | 0%   |  | x      | \$2,014,000 | \$2,014,000 | \$0         | \$1,600,000 | \$1,600,000 | \$1,300,000 | Needs WB triple lefts, 3rd SB thru; reduced estimate                       |
| Friant     | Shepherd       | 33%  | 100% |  | triple | \$270,930   | \$0         | \$270,930   | \$200,000   | \$200,000   | \$0         | Revised estimate   |
| Fresno     | Bullard        | 100% | 100% |  | x      | \$1,910,000 | \$0         | \$1,910,000 | \$1,400,000 | \$1,300,000 | \$1,300,000 | Removed with 2016 update   |
| First      | Shields        | 0%   | 0%   |  |        | \$0         | \$0         | \$0         | \$900,000   | \$800,000   | \$0         |  |
| Fresno     | Nees           | 100% | 100% |  | x      | \$1,910,000 | \$0         | \$1,910,000 | \$1,300,000 | \$900,000   | \$1,300,000 |  |
| Cedar      | Bullard        | 100% | 100% |  | x      | \$1,910,000 | \$0         | \$1,910,000 | \$900,000   | \$0         | \$0         |  |
| Maple      | Nees           | 50%  | 100% |  | x      | \$410,500   | \$0         | \$410,500   | \$1,300,000 | \$1,300,000 | \$1,300,000 | Removed with 2016 update   |
| Chestnut   | Bullard        | 100% | 100% |  | x      | \$821,000   | \$0         | \$821,000   | \$500,000   | \$500,000   | \$0         | Removed with 2016 update   |
| Clovis     | Jensen         | 0%   | 0%   |  |        | \$0         | \$0         | \$0         | \$1,120,000 | \$0         | \$0         | Removed with 2016 update   |
| Clovis     | Dakota         | 0%   | 0%   |  |        | \$0         | \$0         | \$0         | \$800,000   | \$0         | \$0         | Removed with 2016 update   |
| Clovis     | Shields/Always | 100% | 100% |  | x      | \$1,910,000 | \$0         | \$1,910,000 | \$0         | \$0         | \$0         | 2015 TIS identified need for dual lefts on all approaches                  |
| Clovis     | Olive          | 100% | 100% |  | x      | \$1,910,000 | \$0         | \$1,910,000 | \$1,400,000 | \$1,100,000 | \$0         | TIS 14-019 indicates need for dual lefts NB and EB in 2035, confirmed 2015 |
| Clovis     | Belmont        | 0%   | 0%   |  |        | \$0         | \$0         | \$0         | \$300,000   | \$300,000   | \$0         | Removed with 2016 update   |
| Clovis     | Tulare         | 100% | 100% |  | x      | \$821,000   | \$0         | \$821,000   | \$300,000   | \$300,000   | \$0         |  |
| Clovis     | Kings Canyon   | 50%  | 100% |  | x      | \$410,500   | \$0         | \$410,500   | \$600,000   | \$300,000   | \$0         | Add WBR and NBL  |
| Clovis     | Jensen         | 100% | 100% |  | x      | \$821,000   | \$0         | \$821,000   | \$1,080,000 | \$1,080,000 | \$0         | Dual lefts EB & WB   |

**LEFT TURN PHASING**

| Golden State | McKinley   | 0%   | 0%   |  |  | \$0       | \$0 | \$0       | \$0       | \$0       | \$0       | Removed with 2016 update - Intersection eliminated with HSR McKinley/UPRR grade separation |
|--------------|------------|------|------|--|--|-----------|-----|-----------|-----------|-----------|-----------|--|
| Marty        | Shaw       | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$0       | \$0       | \$0       | ARRA Stimulus funds; revised estimate to include west leg                                  |
| Marks        | Emerson    | 10%  | 100% |  |  | \$35,000  | \$0 | \$35,000  | \$180,000 | \$0       | \$0       |  |
| Hughes       | Shields    | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$290,000 | \$240,000 | \$250,000 |  |
| Fortner      | Bullard    | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$290,000 | \$240,000 | \$0       |  |
| West         | Sierra     | 50%  | 100% |  |  | \$175,000 | \$0 | \$175,000 | \$0       | \$0       | \$0       | Corrected to show 50% County share   |
| Fruit        | Dakota     | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$290,000 | \$240,000 | \$250,000 |  |
| Fruit        | Shields    | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$290,000 | \$240,000 | \$250,000 |  |
| Fruit        | Clinton    | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$290,000 | \$240,000 | \$250,000 |  |
| MLK/Pottle   | Fruit      | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Moved from downtown list; adjusted estimate  |
| MLK/Fig      | California | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Added with the 2016 update - Move from Traffic Signal List above                           |
| C            | Jensen     | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$0       | \$0       | \$0       |  |
| C            | Ventura    | 100% | 100% |  |  | \$350,000 | \$0 | \$350,000 | \$250,000 | \$250,000 | \$250,000 |  |

Traffic Signal Capital Improvements

| LOCATION            | North/South Street | East/West Street | Signal Type | Percent Missing | Percent Fresno TSMI Fees | Single Left | Dual Left | Traffic Signal Cost | Non-Impact Fee City/Grant Funding Committed | Total Cost Covered by 2016 update to Traffic Signal Mitigation Impact Fee Program | Total Cost        |                  | Fee Cost 11/2004 | Notes   |
|---------------------|--------------------|------------------|-------------|-----------------|--------------------------|-------------|-----------|---------------------|---|---|-------------------|------------------|------------------|---|
|                     |                    |                  |             |                 |                          |             |           |                     |   |   | Fee Cost 10/21/06 | Fee Cost 3/27/07 |                  |   |
| Palm                | Barstow            |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$0   | \$290,000         | \$250,000        | \$250,000        |   |
| Palm                | Clinton            |                  |             | 100%            | 0%                       |             |           | \$801,000           | \$412,000                                   | \$89,000  | \$290,000         | \$240,000        | \$250,000        |   |
| Palm                | Belmont            |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Palm                | McKinley           |                  |             | 100%            | 0%                       |             |           | \$533,000           | \$533,000                                   | \$0   | \$290,000         | \$240,000        | \$250,000        | Removed with 2016 update - 100% funded by 22048 and 20101 |
| Wishon              | Olive              |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        | Removed with 2016 update                                  |
| Wishon              | Clinton            |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$220,000        | \$250,000        | Removed with 2016 update                                  |
| Van Ness            | Shields            |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$250,000        | Removed with 2016 update                                  |
| Van Ness            | U                  |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$290,000         | \$240,000        | \$250,000        | Removed with 2016 update                                  |
| Tulare              | Belmont            |                  |             | 100%            | 0%                       |             |           | \$0                 | \$0   | \$0   | \$0               | \$0              | \$0              |   |
| Broadway            | R                  |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        | Included only LM  |
| Maroa               | Tulare             |                  |             | 100%            | 28%                      |             |           | \$615,000           | \$439,000                                   | \$174,000   | \$290,000         | \$240,000        | \$250,000        | \$0 Added with 2016 update - LT phases - 75% City         |
| Maroa               | Barstow            |                  |             | 100%            | 75%                      |             |           | \$350,000           | \$0   | \$262,500   | \$217,500         | \$180,000        | \$250,000        |   |
| Maroa               | Clinton            |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$220,000        | \$250,000        |   |
| Blackstone          | Sierra             |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Blackstone          | Gettysburg         |                  |             | 75%             | 100%                     |             |           | \$262,500           | \$0   | \$262,500   | \$177,495         | \$240,000        | \$0              |   |
| Fresno              | Clinton            |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Fresno              | R                  |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$350,000   | \$0               | \$0              | \$0              | \$0 Added with the 2016 update                            |
| First               | Sierra             |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$0               | \$0              | \$0              | \$0 Removed with 2016 update                              |
| First               | Huntington         |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$0               | \$0              | \$0              | \$0 Removed with 2016 update                              |
| First               | Alluvial           |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Millbrook           | Millbrook          |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$220,000        | \$250,000        |   |
| Millbrook           | Dakota             |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Millbrook           | Olive              |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Millbrook           | Belmont            |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Millbrook           | Belmont            |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Millbrook           | Ness               |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$350,000   | \$0               | \$0              | \$0              | \$0 Added with 2016 update                                |
| Millbrook / Foxhill | Seybrook           |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$100,000         | \$0              | \$0              | Project complete  |
| Cedar               | Everath            |                  |             | 100%            | 0%                       |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$0              | \$0              | \$0 Removed with 2016 update                              |
| Cedar               | Princeton          |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$0               | \$0              | \$0              | \$0 Removed with 2016 update                              |
| Cedar               | Dayton             |                  |             | 0%              | 0%                       |             |           | \$0                 | \$0   | \$0   | \$0               | \$0              | \$0              | \$0 Added with 2016 update                                |
| Cedar               | Teague             |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$0               | \$0              | \$0              | \$0   |
| Maple               | Gettysburg         |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Maple               | Tulare             |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Maple               | Buller             |                  |             | 100%            | 100%                     |             |           | \$350,000           | \$0   | \$350,000   | \$290,000         | \$240,000        | \$250,000        |   |
| Maple               | Chestnut           |                  |             | 100%            | 9%                       |             |           | \$470,000           | \$430,000                                   | \$40,000  | \$0               | \$0              | \$0              | \$0 Added with 2016 update - 50% County                   |
| Chestnut            | Shields            |                  |             | 100%            | 100%                     |             |           | \$80,000            | \$0   | \$80,000  | \$0               | \$0              | \$0              | \$0 Added with 2016 update                                |
| Fort Washington     | Champlain          |                  |             | 100%            | 100%                     |             |           | \$80,000            | \$0   | \$80,000  | \$0               | \$0              | \$0              | \$0   |

DOWNTOWN IMPROVEMENTS

|                          |            |  |  |      |      |  |  |           |           |           |           |           |           |   |
|--------------------------|------------|--|--|------|------|--|--|-----------|-----------|-----------|-----------|-----------|-----------|---|
| H and Broadway           |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$300,000 | \$300,000 | \$360,000 | Removed with 2016 update  |
| H and Broadway           |            |  |  | 20%  | 0%   |  |  | \$70,000  | \$0       | \$70,000  | \$125,000 | \$125,000 | \$125,000 | Removed with 2016 update  |
| Van Ness and Ventura     |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$250,000 | \$250,000 | \$250,000 | Removed with 2016 update  |
| Van Ness and Santa Clara |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$250,000 | \$250,000 | Revised estimate  |
| M and Santa Clara        |            |  |  | 100% | 0%   |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$250,000 | \$250,000 | Added with 2016 update - close proximity to future Caltrans ramp signal         |
| P and Ventura            |            |  |  | 100% | 0%   |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$250,000 | \$250,000 | Left turn phasing and modification for P Street 2-way conversion.               |
| Broadway & Divisadero    |            |  |  | 0%   | 0%   |  |  | \$6,309   | \$0       | \$6,309   | \$6,309   | \$6,309   | \$6,309   | Project complete  |
| Broadway & Fresno        |            |  |  | 0%   | 0%   |  |  | \$6,309   | \$0       | \$6,309   | \$6,309   | \$6,309   | \$6,309   | No work remaining   |
| Divisadero & Van Ness    |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$250,000 | \$250,000 | \$250,000 | Removed with 2016 update  |
| E & Fresno               |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Left turn phasing   |
| E & Stanislaus           |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Left turn phasing   |
| M & Stanislaus           |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Left turn phasing and modification for M Street 2-way conversion.               |
| M & San Bemto            |            |  |  | 100% | 100% |  |  | \$350,000 | \$150,000 | \$500,000 | \$300,000 | \$0       | \$0       | Removed with 2016 update  |
| F & Kern                 | Stanislaus |  |  | 100% | 0%   |  |  | \$150,000 | \$0       | \$150,000 | \$250,000 | \$250,000 | \$250,000 | Removed with 2016 update  |
| F & Kern                 | Tulare     |  |  | 100% | 0%   |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$250,000 | \$250,000 | Removed with 2016 update  |
| Fulton & Tulare          |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$6,309   | \$6,309   | \$6,309   | Project complete  |
| Fulton & Ventura         |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$250,000 | \$250,000 | Added with the 2016 update - New signal to serve future development             |
| G & Maricopa             |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Added with the 2016 update - New signal to serve future development             |
| G & Kern                 |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$0       | \$0       | \$0       | Added with the 2016 update - New signal to serve future development             |
| G & Invo                 |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$250,000 | \$250,000 | Removed with 2016 update  |
| G & Mono                 |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Added with the 2016 update - New signal to serve future development             |
| H & Mono                 |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Added with the 2016 update - New signal to serve future development             |
| H & Stanislaus           |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Added with the 2016 update - New signal to serve future development             |
| H & Calaveras            |            |  |  | 100% | 100% |  |  | \$350,000 | \$0       | \$350,000 | \$290,000 | \$240,000 | \$250,000 | Added with the 2016 update - New signal to serve future development             |
| H & Calaveras            |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$0       | \$0       | \$0       | Added with the 2016 update - New signal to serve future development             |
| M & Tuolumne             |            |  |  | 100% | 100% |  |  | \$200,000 | \$0       | \$200,000 | \$250,000 | \$250,000 | \$250,000 | Removed with 2016 update  |
| M & Ventura              |            |  |  | 100% | 100% |  |  | \$200,000 | \$0       | \$200,000 | \$6,309   | \$7,000   | \$7,000   | Protected left turn phasing for future development                              |
| Fresno & Fulton          |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$6,309   | \$6,309   | \$6,309   | Added with the 2016 update - Protected left turn phasing for future development |
| N & Tulare               |            |  |  | 100% | 0%   |  |  | \$510,000 | \$510,000 | \$0       | \$0       | \$0       | \$0       | Removed with 2016 update  |
| N & Tulare               |            |  |  | 0%   | 0%   |  |  | \$0       | \$0       | \$0       | \$0       | \$0       | \$0       | Grant-funded capital project  |

CITY STREET - FREEWAY RAMP INTERSECTIONS TO BE SIGNALIZED OR MODIFIED FOR ADDITIONAL TURNING LANES

|               |          |  |  |      |     |  |  |             |           |             |           |           |     |     |  |
|---------------|----------|--|--|------|-----|--|--|-------------|-----------|-------------|-----------|-----------|-----|-----|--|
| NB99 Off-Ramp | Herrion  |  |  | 30%  | 0%  |  |  | \$850,000   | \$185,680 | \$225,293   | \$764,310 | \$764,310 | \$0 | \$0 | Added with the 2016 update - Add turning lanes to SB, NB off-ramp intersections. Bridge widening in FMSI Not inc. in previous updates. |
| SB99 Off-Ramp | Shaw     |  |  | 55%  | 0%  |  |  | \$1,800,000 | \$0       | \$1,062,000 | \$0       | \$0       | \$0 | \$0 | Added with the 2016 update - Widened for WB dual left turn lanes.  |
| SB99 Off-Ramp | Ashlan   |  |  | 0%   | 50% |  |  | \$1,500,000 | \$0       | \$750,000   | \$0       | \$0       | \$0 | \$0 | Removed with 2016 update - Caltrans to remove access point.  |
| SB99 Off-Ramp | Shields  |  |  | 0%   | 0%  |  |  | \$0         | \$0       | \$0         | \$300,000 | \$0       | \$0 | \$0 | Removed with 2016 update - Caltrans to remove access point.  |
| NB99 Off-Ramp | McKinley |  |  | 0%   | 0%  |  |  | \$0         | \$0       | \$0         | \$299,719 | \$0       | \$0 | \$0 | Added with 2016 update - to be completed by HSR (roundabout)   |
| SB99 On-Ramp  | McKinley |  |  | 100% | 0%  |  |  | \$0         | \$0       | \$0         | \$299,719 | \$0       | \$0 | \$0 | Removed with 2016 update   |
| SB99 Ramps    | Olive    |  |  | 0%   | 0%  |  |  | \$0         | \$0       | \$0         | \$50,000  | \$299,436 | \$0 | \$0 | Removed with 2016 update - project completed   |



Traffic Signal Capital Improvements

| LOCATION           | Signal Type      | Percent Missing | Percent Fresno TSMI Fees | Single Left | Dual Left | Traffic Signal Cost | Non-Impact Fee City/Grant Funding Committed | Total Cost Covered by 2016 update to Traffic Signal Mitigation Impact Fee Program | Total Cost Fee Cost 10/21/08 | Total Cost Fee Cost 3/27/07 | Total Cost Fee Cost 1/31/06 | Total Cost Fee Cost 11/20/04 | Notes   |
|--------------------|------------------|-----------------|--------------------------|-------------|-----------|---------------------|---|---|------------------------------|-----------------------------|-----------------------------|------------------------------|---|
| North/South Street | East/West Street |                 |                          |             |           |                     |   |   |                              |                             |                             |                              |   |
| NB99 Ramps         |                  | 0%              |                          |             |           | \$0                 | \$0   | \$0   | \$50,000                     | \$289,436                   | \$0                         | \$0                          | \$0 Removed with 2016 update - project completed  |
| SB99 Ramps         |                  | 0%              |                          |             |           | \$0                 | \$0   | \$0   | \$300,000                    | \$300,000                   | \$0                         | \$0                          | \$0 Removed with 2016 update - to be completed by HSR   |
| SB99 Off-Ramp      |                  | 100%            |                          |             |           | \$450,000           | \$0   | \$450,000   | \$300,000                    | \$300,000                   | \$0                         | \$0                          | \$0 Removed with 2016 update - to be completed by HSR   |
| NB 99 Ramps        |                  | 6%              |                          |             |           | \$536,900           | \$495,340                                   | \$43,560  | \$297,736                    | \$297,736                   | \$250,000                   | \$2,000,000                  | Revised estimate  |
| SB99 Off-Ramp      |                  | 100%            |                          |             |           | \$450,000           | \$23,700                                    | \$426,300   | \$276,300                    | \$276,300                   | \$0                         | \$0                          | Revised estimate  |
| SB99 On-Ramp       | Cedar/Parway     | 100%            |                          |             |           | \$450,000           | \$0   | \$450,000   | \$300,000                    | \$300,000                   | \$0                         | \$0                          | Revised estimate  |
| SB41 On-Ramp       | Tulare/U Street  | 100%            |                          |             |           | \$450,000           | \$0   | \$450,000   | \$300,000                    | \$0                         | \$0                         | \$0                          | Revised estimate  |
| SB41 Off-Ramp      | O Street         | 0%              |                          |             |           | \$0                 | \$0   | \$0   | \$115,000                    | \$115,000                   | \$309,600                   | \$2,700,000                  | Work was been completed   |
| NB41 Off ramp      | Van Ness         | 100%            |                          |             |           | \$850,000           | \$0   | \$850,000   | \$850,000                    | \$850,000                   | \$750,000                   | \$1,200,000                  |   |
| SB41 Off-Ramp      | Van Ness         | 100%            |                          |             |           | \$450,000           | \$0   | \$450,000   | \$300,000                    | \$300,000                   | \$0                         | \$0                          | Revised estimate  |
| SB41 On Ramp       | McKintley        | 13%             |                          |             |           | \$700,000           | \$0   | \$91,000  | \$0                          | \$0                         | \$0                         | \$0                          | Added with the 2016 update - based upon interchange program study, 13% fair share to new growth.            |
| NB41 Off ramp      | Shaw             | 21%             |                          |             |           | \$1,028,400         | \$811,947                                   | \$216,453   | \$0                          | \$0                         | \$0                         | \$0                          | Added with the 2016 update - Widened to 2 left, 2 right Not included in previous updates. Updated estimates |

TRAFFIC SIGNAL SYNCHRONIZATION

| LOCATION   | Miles | Unit Price   | Total Cost          |
|--|-------|--------------|---------------------|
| ITS Fiber Interconnect & conduit (miles)                     | 37.59 | \$660,000    | \$24,809,400        |
| ITS Fiber Interconnect & conduit (miles) Partially completed | 7.76  | \$460,000    | \$3,569,600         |
| Traffic System Monitoring Hubs                               | 4     | \$175,000    | \$700,000           |
| ITS Fiber Interconnect funded Improvements                   |       | \$11,400,000 | \$11,400,000        |
| <b>Fund Balance<sup>1</sup></b>                              |       |              | <b>-\$1,778,675</b> |
| <b>Pending Reimbursements<sup>1</sup></b>                    |       |              | <b>\$562,135</b>    |
|  |       |              | <b>\$635,110</b>    |
|  |       |              | <b>\$0</b>          |
|  |       |              | <b>\$9,450,000</b>  |

Fund Balance<sup>1</sup>

Pending Reimbursements<sup>1</sup>

PROGRAM ADMINISTRATION

| Category                           | Oct 2008      | March 2007    | January 2006  | 2004          |
|------------------------------------|---------------|---------------|---------------|---------------|
| Capital Needs Paid by TSMI Fees    | \$1,976,293   | \$1,725,149   | \$2,100,000   | \$2,100,000   |
| Remaining ADT from New Development | \$163,497,133 | \$163,169,393 | \$153,009,126 | \$153,009,360 |
|                                    | \$3,469,790   | \$3,544,976   | \$3,689,640   | \$3,689,640   |
|                                    | \$47,12       | \$45,98       | \$41,47       | \$41,47       |
|                                    | \$47,12       | \$45,98       | \$41,47       | \$41,47       |

| Year 2016   | Year 2015    |
|---|--------------|
| Proposed Fee/ADT                                  | \$49.87      |
| Percentage Increase from Previous                 | 5.84%        |
| TOTAL NON-IMPACT FEE CITY/GRANT FUNDING COMMITTED | \$23,055,677 |

<sup>1</sup>Fund balance and pending reimbursements as of August 31, 2016 for the current update

| Use Type                       | Total Acres     | EDU's         | Assumed Percent of Building per acre | ADT's per 1000 sq. ft. of building | ADT's per developed acre (Total Acres) | Total ADT's        |
|--------------------------------|-----------------|---------------|--------------------------------------|------------------------------------|--|--------------------|
| <b>Retail</b>                  |                 |               |                                      |                                    |  |                    |
| Community Commercial           | 549.1           | N/A           | 0.30                                 | 109                                | 4,737.88                               | 780,470            |
| General Commercial             | 111.1           | N/A           | 0.50                                 | 43                                 | 1,860.01                               | 103,324            |
| Highway and Auto Commercial    | 160.6           | N/A           | 0.23                                 | 85                                 | 3,699.33                               | 136,646            |
| Main Street Commercial         | 5.5             | N/A           | 0.50                                 | 28                                 | 1,227.61                               | 3,376              |
| Recreation Commercial          | 24.5            | N/A           | 0.15                                 | 43                                 | 1,860.01                               | 6,836              |
| Regional Commercial            | 196.0           | N/A           | 0.30                                 | 85                                 | 3,699.33                               | 217,521            |
| Corridor Center Mixed Use      | 199.4           | N/A           | 0.40                                 | 109                                | 4,737.88                               | 377,893            |
| Neighborhood Mixed Use         | 11.2            | N/A           | 0.40                                 | 43                                 | 1,860.01                               | 8,333              |
| Regional Mixed Use             | 266.8           | N/A           | 0.20                                 | 85                                 | 3,699.33                               | 197,396            |
| Business Park                  | 64.2            | N/A           | 0.40                                 | 43                                 | 1,860.01                               | 47,765             |
| Regional Business Park         | 27.1            | N/A           | 0.40                                 | 43                                 | 1,860.01                               | 20,163             |
| Downtown                       | 22.8            | N/A           | 0.75                                 | 28                                 | 1,227.61                               | 21,025             |
| <b>Subtotal</b>                | <b>1638.3</b>   |               |                                      |                                    |  | <b>1,920,748</b>   |
| <b>Office</b>                  |                 |               |                                      |                                    |  |                    |
| Office                         | 309.7           | N/A           | 0.20                                 | 11                                 | 480.47                                 | 29,760             |
| Corridor Center Mixed Use      | 199.4           | N/A           | 0.25                                 | 24                                 | 1,027.14                               | 51,203             |
| Neighborhood Mixed Use         | 2.8             | N/A           | 0.25                                 | 24                                 | 1,027.14                               | 719                |
| Regional Mixed Use             | 38.1            | N/A           | 0.25                                 | 24                                 | 1,027.14                               | 9,784              |
| Business Park                  | 384.9           | N/A           | 0.20                                 | 11                                 | 479.16                                 | 36,886             |
| Regional Business Park         | 162.5           | N/A           | 0.20                                 | 11                                 | 479.16                                 | 15,573             |
| Downtown                       | 44.3            | N/A           | 1.32                                 | 11                                 | 479.16                                 | 28,114             |
| <b>Subtotal</b>                | <b>1141.7</b>   |               |                                      |                                    |  | <b>172,039</b>     |
| <b>Light Industrial</b>        |                 |               |                                      |                                    |  |                    |
| Light Industrial               | 1,292.7         | N/A           | 0.40                                 | 7                                  | 303.61                                 | 156,992            |
| Business Park                  | 192.5           | N/A           | 0.40                                 | 7                                  | 297.51                                 | 22,909             |
| Regional Business Park         | 81.3            | N/A           | 0.40                                 | 7                                  | 297.51                                 | 9,675              |
| Downtown                       | 62.1            | N/A           | 0.39                                 | 7                                  | 303.61                                 | 7,305              |
| <b>Subtotal</b>                | <b>1,628.6</b>  |               |                                      |                                    |  | <b>196,881</b>     |
| <b>Heavy Industrial</b>        | <b>1,575.9</b>  | N/A           | 0.40                                 | 7                                  | 304.92                                 | <b>192,209</b>     |
| <b>TOTAL</b>                   | <b>5,984.5</b>  |               |                                      |                                    |  | <b>2,481,877.0</b> |
|                                |                 |               | Dwelling Units per Acre              |                                    | ADT's per EDU                          |                    |
| Residential Low-Medium         | 8,345.0         | 41,725        | 5.0                                  |                                    | 9.52                                   | 397,222            |
| Residential Medium/High - High | 2,175.9         | 34,814.4      | 16.0                                 |                                    | 6.65                                   | 231,516            |
| <b>Residential Subtotal</b>    | <b>10,520.9</b> |               |                                      |                                    |  | <b>628,738</b>     |
| <b>TOTALS</b>                  | <b>16,505.4</b> | <b>76,539</b> |                                      |                                    |  | <b>3,110,615.0</b> |