

CITY OF VICTORVILLE



STUDY OF ENGINEERING FEES, CHARGES AND COSTS OF SERVICES

**Engineering Division,
Public Works Department**

3/21/2016

SUMMARY

The Engineering Division of the Public Works Department (“Engineering Division”) of the City of Victorville (“City”) is responsible for the design, survey and construction of the City’s infrastructure, such as streets, traffic signals, sewer and drainage systems, water, curb and gutters, sidewalks, and street lighting. The Engineering Division also provides various services associated with these responsibilities, including the review of studies, plans, maps, dedications, and easements; the maintenance of traffic signals and their associated equipment; issuing permits for and inspecting of all work conducted within the public right-of-ways and easements (“Services”). To recover the costs associated with providing these Services, the City imposes various permit fees and related service charges. The City’s current schedule of Engineering Department Fees (“Current Fee Schedule”) for recovering the costs associated with the aforementioned responsibilities Services was established in 1997, pursuant to Resolution Nos. 97-73, 97-74, 97-75, 97-76, 97-77, 97-78 and Ordinance No. 1854 (presently codified in Title 9 of the Victorville Municipal Code).

This Study of Engineering Fees, Charges and Costs of Services (“Study”) involved calculating the current reasonable costs to the City of actually providing the various Services to the users and permittees to develop the proposed new Engineering Schedule of Fees and Charges for Services (“New Fee Schedule”) shown in **Exhibit “A”**. The City’s reasonable costs were calculated using the salaries of applicable Engineering staff, the actual amount of staff time needed to perform each service, and all appropriately associated overhead and support costs, as further detailed in **Appendix I** and the **SCOPE** and **METHODOLOGY** sections of this Study.

As shown in **Exhibit “B”**, a comparison of the calculated reasonable costs to the Current Fee Schedule reveals that the City is not fully recovering the costs associated with providing these vital Services. Implementation of the proposed New Fee Schedule is expected to recover the City’s current costs of providing the Services, as well as offer guidance for annual adjustments to keep pace with changing costs. Lastly, a survey of the fees currently charged for similar engineering services by neighboring cities and comparable municipalities (see **Appendix II**) was performed and compared to the City’s Current Fee Schedule for informational and contextual purposes.

SCOPE

The responsibilities of the Engineering Division are technical and precise and range from simple to complex. A portion of the City’s infrastructure is designed and constructed by the City, or on its behalf, as part of its Capital Improvement Program (“CIP”). The cost of construction and implementation of the CIP is funded by a variety of sources, such as taxes, fees, grants, and assessments. However, the majority of the City’s infrastructure is designed and constructed for and by private developers.

The Services provided by the Engineering Division include: the processing of maps under the provisions of the Subdivision Map Act; review of public improvement plans, reports, and studies; the issuance of use and public right-of-way (“ROW”) construction permits; and performing inspections of work performed in the ROW. Because these Services are performed by a governmental agency at the request of, and specifically for, a particular individual, business, or group, as opposed to the community as a whole, the costs and fees associated with these Services are considered user fees. The principal goal of the Study is to calculate and set appropriate user fees that include direct, indirect and support costs at a level to recover the costs of providing each service. Additional objectives of the Study include:

- Comprehensively updating and improving understanding of the New Fee Schedule; and
- Ensuring fees and charges are reflective of the costs of the Services provided; and
- Ensuring fees are logical and defensible.

METHODOLOGY

In this Study, City Staff identified each type of Service provided and its associated process, which can be seen in detail in **Appendix I**. The proposed user fees and charges to be collected for each of the Services provided by the Engineering Division are calculated based upon the processes required to produce such Services including:

1. A list of each staff position that performs an activity for each Service provided.
2. The amount of time for each activity in the process is based upon an average time required to complete each activity.
3. The direct costs include the salaries of the staff who take part in the process. The hourly rates of each staff position were based on the employee hourly rates and proportionate benefits costs as provided by the City’s Finance Division, Administrative Services Department in August, 2015.
4. Indirect costs (such as utilities, vehicle fuel and maintenance) were calculated using a proportionate cost allocation amount included in the Maximus Study adopted by the City Council for the Fiscal Year 2008-2009 Budget (on file in the City Clerk’s office).

With the exception of certain types of inspection fees, the total cost of each Engineering Service provided is the sum total of the above-mentioned dollar amounts all of the activities in the process, rounded up to the nearest dollar, calculated using the formulas in the figure below:

ENGINEERING SERVICE COST – PER ACTIVITY					
Staff A	Time to perform activity	X	Salary	=	\$
Staff B	Time to perform activity	X	Salary	=	\$
Sub Total					\$
Indirect Cost Allocation					
Scanning (if applicable)					\$
TOTAL COST FOR SERVICE					\$

Construction valuation, which calculates inspection, construction type based on hourly rates and standard times to complete tasks, scaled and modified by varying square footage or linear footage and construction types, was the basis for the majority of the inspection services fees.

Finally, a number of governmental agencies comparable to the City were surveyed to compare rate structures (see **Appendix II**). While some inconsistencies were found among those surveyed on the identification of service types, the main services provided were generally the same and provide a reasonable check and balance for the final New Fee Schedule proposed in this Study.

AUTHORITY AND PROCEDURE

Using the City’s estimated reasonable costs of providing services for which a fee is charged, provided the fee does not actually exceed the City’s reasonable costs of providing the services or products to the fee payors/users, is consonant with applicable legal authority, including but not limited to, Article XIII C, Section 1(e) of the California Constitution and Government Code sections 66014, 66016, and 66018.

The general procedure for adopting new user fees or service charges, or increasing existing fees or service charges, involves the City Council holding a public hearing (with proper notice published and posted in advance) to consider the proposed new fees and charges and the underlying fee or cost of service study. Following the public hearing, the City Council will take action (generally by resolution) to adopt, reject or modify the proposed new fees and charges.

FINDINGS AND RESULTS

Local governmental agencies such as the City, often struggle to provide the services their constituents expect, demand, and/or desire. Most of the services the City and like agencies provide are universally beneficial and accessible to all their constituents, such as, police and fire protection, library, recreation, etc. However, other governmental services, which are provided directly to and benefit a particular individual, business, or group, should be borne by those receiving the benefit. Because governmental agencies are generally prohibited from making any sort of profit when providing user-based services such as the Engineering Services at issue in this Study, the fees and charges are set to recover only the reasonable costs associated with providing Services to the users. Currently, the City is not recovering all its costs for the Services rendered by the Engineering Division, as evidenced in Table 2 of **Exhibit “B”**.

CONCLUSIONS AND RECOMMENDATIONS

The Current Fee Schedule, as last modified in 1997, is inadequate to cover the various Services provided by the Engineering Division. Currently, the City’s general fund budget is subsidizing the direct, indirect and support services costs associated with these Services.

Therefore, it is recommended that the City Council adopt the proposed New Engineering Schedule of Fees and Charges for Services shown in **Exhibit “A”**. By so doing, the City will no longer be providing subsidies to private developers and other users of its Services, and will charge fees for Services commensurate with its costs of providing those Services, consistent with current legal standards. If adopted, the Engineering Division will begin charging the proposed fees and charges set forth in the New Fee Schedule commencing July 1, 2016.

If the New Fee Schedule is adopted, it is further recommended that the City Engineer review it annually and provide an adjusted fee schedule to the City Council for consideration and adoption by resolution. With the exception of certain fee and service types marked with asterisks in Exhibit “A”, the schedule will likely be adjusted using the Los Angeles-Riverside-Orange County Consumer Price Index (“CPI”) for Urban Wage Earners and Clerical Workers (“CPI-W”), as reported for the twelve month period from March of the previous year to March of the current year; provided that: (1) no fee or charge exceeds the reasonable costs associated with providing the service; and (2) any annual increase based on CPI-W shall not exceed three percent (3%) in any given year.

However, the exact methodology used for future adjustments/increases (if any) in the New Fee Schedule will be explained and presented each year by the City Engineer in a resolution for City Council consideration prior to adoption. The City Engineer will strive to present any revised fee schedule to the City Council in a timely manner, so the City Council may act to make fee adjustments effective at the beginning of each fiscal year (July 1st).

EXHIBIT "A"

ENGINEERING SCHEDULE OF FEES AND CHARGES FOR SERVICES EFFECTIVE AS OF JULY 1, 2016

ISSUANCE, PERMITTING, & INSPECTION	
<i>Service Type</i>	<i>Fees and/or Charges</i>
Pre-Inspection/Right-of-Way Investigation	\$30.00
ROW Permit Issuance	\$60.00
Re-Inspection	\$135.00
Violation/Non-Compliance	Refer to Victorville Municipal Code Chapters 1.04 and 1.05
Inspections Outside Normal Business Hours <small>(Requires Prior Written Request and Authorization)</small>	\$70.00/hr Straight Time <small>(During City Hall Open Hours)</small> \$130.00/hr Over Time <small>(Non-Open Hours, Holidays, & Weekends)</small>
CONCRETE INSPECTIONS	
<i>Service Type</i>	<i>Fees and/or Charges</i>
Residential Drive Approach	\$94.00EA + ROW Permit Issuance
Commercial/Industrial Drive Approach	\$126.00EA + ROW Permit Issuance
Sidewalk*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
Curb & Gutter*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
DRAINAGE INSPECTIONS	
<i>Service Type</i>	<i>Fees and/or Charges</i>
Catch Basin/Parkway Culvert*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
Curb Core/Under Sidewalk Drain*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
Alley Gutter*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
SWPPP	Review: \$144.00 + \$68.00/hr after 2-hours
WQMP / NPDES	Subdivision Review: \$1,000.00 + \$68.00/hr after 14-hours Multi/Commercial/Industrial Review: \$600.00 + \$68.00/hr after 8-hours
MS4 Inspections	ROW Permit Issuance + Minor Construction 2.5AC or Less & In-Fill Lots: \$260.00 Commercial/Industrial/Multi or Projects Greater than 2.5AC: \$450.00 Subdivisions: \$3,244.00

* Fees and/or charges not subject to annual adjustment based on Consumer Price Index (CPI)

EXHIBIT "A" (continued)
ENGINEERING SCHEDULE OF FEES AND CHARGES FOR SERVICES
EFFECTIVE AS OF JULY 1, 2016

TRENCH & PAVEMENT INSPECTIONS	
<i>Service Type</i>	<i>Fees and/or Charges</i>
Open Trench Excavation*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
Trench/Bore*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
Bell Holes/Bore Holes/Pot Holes/Slice Pits*	ROW Permit Issuance + Accumulative based on Quantity 0-8EA @ \$78.00 9-16EA @ \$78.00 + \$6.50EA 17EA + @ \$132.00 + \$3.25EA
Pavement Cuts * (Asphalt & Concrete)	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-300LF @ \$94.00 301LF-600LF @ \$94.00 + \$0.16/LF 601LF + @ \$142.00 + \$0.08/LF
Paving* (Asphalt & Concrete)	ROW Permit Issuance + Accumulative based on Cubic Yards (CY) 0-500CY @ \$131.00 501-1,000CY @ \$131.00 + \$0.20/CY 1,001CY + @ \$229.00 + \$0.15/CY
SUBDIVISION INSPECTIONS	
<i>Service Type</i>	<i>Fees and/or Charges</i>
Subdivision Public Improvements* (Commercial/Residential)	ROW Permit Issuance + Accumulative based on Valuation \$0-\$50,000 @ 5% Eng.'s Cost Est. \$50,001-\$250,000 @ 4% Eng. Cost Est. \$250,001 + @ 3% Eng. Cost Est.
Construction/Excavation* (Single/In-Fill)	ROW Permit Issuance + Accumulative based on Valuation \$0-\$50,000 @ 5% Eng. Cost Est. \$50,001-\$250,000 @ 4% Eng. Cost Est. \$250,001 + @ 3% Eng. Cost Est.
Traffic Signal/Signage & Striping*	ROW Permit Issuance + Within City Limits: 2% Eng. Cost Est. Multi-Jurisdictional: 1% Eng. Cost Est.
Traffic Control	\$33.00/day
Monumentation & Centerline Ties*	ROW Permit Issuance + Accumulative based on Lots 0-100 Lots @ \$240.00 101 + 200 Lots @ \$240.00+ \$1.60/Lot 201 + Lots @ \$400.00 + \$1.00/Lot
Security Release/Substitution	\$150.00

* Fees and/or charges not subject to annual adjustment based on Consumer Price Index (CPI)

EXHIBIT "A" (continued)
ENGINEERING SCHEDULE OF FEES AND CHARGES FOR SERVICES
EFFECTIVE AS OF JULY 1, 2016

REPORTS, STUDIES & DOCUMENT REVIEW	
<i>Service Type</i>	<i>Fees and/or Charges</i>
Study Review (Hydrology, Sewer, Traffic, CLOMR, LOMR, etc.)	Preliminary: \$650.00 Min + \$68.00/hr after 8-hours Subdivision Preliminary: \$1,050.00 Min + \$68.00/hr after 14-hours Final: \$1,700.00 Min + \$68.00/hr after 24-hours Subdivision Final: \$2,500.00 Min + \$68.00/hr after 36-hours
Research	\$120.00 Min + \$56.00/hr after 2-hours + Reproduction Costs
Vacations, Right-of-Way, Easements, or Dedications	Processing Fee: \$80.00 EA + Recording Fees + Checking Minor: \$150.00EA Checking Major (Metes & Bounds): \$250.00EA Prepared by City: Minor: \$186.00EA Major: \$500.00EA
Agreements (Subdivision, Utility, Development, Lien, etc.)	Subdivision, Development, & Utility Surety Agreement: \$160.00/Set UUA, UUSA & LDIC Agreement: \$250.00EA Subdivision Extension of Time: \$150.00EA
Assessment District Formation (LMAD, DFAD, MAD, SLAD, etc.)	\$160.00EA
Release, or Partial Release of Recorded Agreements	\$175.00EA
Reimbursement Agreements (Sewer, Street, Storm Drain, etc.)	\$750.00 + Attorney's Fees
Agreement Re-Assignment	\$250.00 + Attorney's Fees
Variance (ROW, Sewer, etc.)	\$150.00 EA
UTILITY INSPECTIONS	
<i>Service Type</i>	<i>Fees, Charges & Deposit</i>
Utility Cuts*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-300LF @ \$94.00 301LF-600LF @ \$94.00 + \$0.16/LF 601LF + @ \$142.00 + \$0.08/LF
Utility Trench/Bore*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF
Utility Structures* (Hand Holds, Flower Pots, Pull Box, etc.)	ROW Permit Issuance + Accumulative based on Quantity 0-8EA @ \$78.00 9-16EA @ \$78.00 + \$6.50EA 17EA + @ \$132.00 + \$3.25EA
Undergrounding Utilities*	ROW Permit Issuance + Accumulative based on Linear Feet (LF) 0-300LF @ \$94.00 301LF-600LF @ \$94.00 + \$0.16/LF 601LF + @ \$142.00 + \$0.08/LF

* Fees and/or charges not subject to annual adjustment based on Consumer Price Index (CPI)

EXHIBIT "A" (continued)
ENGINEERING SCHEDULE OF FEES AND CHARGES FOR SERVICES
EFFECTIVE AS OF JULY 1, 2016

SPECIALTY & MISCELLANEOUS PERMITTING & INSPECTIONS		
<i>Service Type</i>	<i>Fees and/or Charges</i>	
Parade	\$250.00 + Costs Reasonably Borne + Insurance Required as Determined by Risk Management	
Special Use Permit	\$250.00 + Costs Reasonably Borne + Insurance Required as Determined by Risk Management	
Filming	\$366.00 + Costs Reasonably Borne + Insurance Required as Determined by Risk Management + Film Business License + San Bernardino County Fire Dept. Permit (if special effects, pyrotechnics, etc. are involved)	
TRANSPORTATION & PERMITTING		
<i>Service Type</i>	<i>Fees and/or Charges</i>	
Transportation Issuance	\$16.00 * **	
Recreational Vehicle	\$10.00 * **	
Oversize Load - Purple	\$16.00 * **	
Oversize Load (Green)	Single	\$16.00/trip * **
	Annual	\$90.00/90-Days* **
	Repetitive	\$90.00 * **
Moving	Costs Reasonably Borne + Surety + Insurance Requirements as Determined by Risk Management	

* Fees and/or charges not subject to annual adjustment based on Consumer Price Index (CPI)

**City's fee cannot exceed those set by State Department of Transportation pursuant to 21 Cal. Code. Regs. § 1411.3; see CVC § 35795(b)

EXHIBIT "B"

CURRENT ENGINEERING FEES AND CHARGES COMPARED TO REASONABLE COSTS

Table 1 contains the abbreviations used in this Exhibit. Table 2 lists each type of Engineering Service provided and compares the charges for those services (found in the City's current Engineering Schedule of Fees) against the City's actual reasonable costs associated with providing each type of service. The difference between the current charge and the actual cost is shown in Column 4 ++ of Table 2. The last column in Table 2 shows the range of fees currently charged by other cities and similar governmental agencies for like services as an informational tool only.

Table 1

ABBREVIATION GLOSSARY		
@ - At	Ext. - Extension	Req'd - Required
AC - Acre	Gov't - Government	Reg. - Regular
Btwn - Between	Hr - Hour	ROW - Right-of-Way
Const. - Construction	LDICA - Land Division Improvement Construction Agreement	SF - Square Foot
CRB - Costs reasonably Borne	LF - Lineal feet	SY - Square Yard
CVC - California Vehicle Code	N/A - Not Applicable	SWPPP - Storm Water Pollution Prevention Plan
CY - Cubic Yard	NPDES - National Pollutant Discharge Elimination System	UUA - Utility Undergrounding Agreement
EA - Each	Min. - Minimum	UUSA - Utility Undergrounding Suspension Agreement
Eng - Engineer, Engineering	MS4 - Municipal Separate Storm Sewer System	VMC - Victorville Municipal Code
Est. - Estimate	Qty. - Quantity	WQMP - Water Quality Master Plan

Table 2

ISSUANCE, PERMITTING, & INSPECTION				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Pre-Inspection/ ROW Investigation	\$15.00	\$30.00	\$15.00	\$45.00 - \$93.00
ROW Permit Issuance	\$5.00	\$60.00	\$55.00	\$26.00 - \$230.00
Re-Inspection	\$100.00	\$135.00	\$35.00	\$45.00 - \$458.00
Violation/ Non-Compliance	CRB	Refer to VMC Chapters 1.04 and 1.05	No change, but Clarified	CRB
Inspections Outside Reg. Business Hrs	CRB	\$70.00/hr straight time \$130.00/hr over time	No change, but Quantified	CRB
CONCRETE INSPECTIONS				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Residential Drive Approach	\$15.00	\$94.00	\$79.00	\$40.68 - \$228.00
Commercial/Industrial Drive Approach	\$25.00	\$126.00	\$101.00	\$40.68 - \$316.00
Sidewalk*	\$25.00	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	\$53.00 (100LF used for comparison)	\$45.00 - \$228.00 (100LF used for comparison)
Curb & Gutter*	\$25.00	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	\$53.00 (100LF used for comparison)	\$45.00 - \$272.00 (100LF used for comparison)

Table 2 (continued)

DRAINAGE INSPECTIONS				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Catch Basin/ Parkway Culvert*	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng Cost Est. \$75,001-\$100,000 @ 3.5% Eng Cost Est. \$100,001 + @ 3% Eng Cost Est.	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	-\$62.00 (100LF @ \$3,500.00 used for comparison)	\$45.00 - \$316.00 (100LF used for comparison)
Curb Core/ Under Sidewalk Drain*	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng Cost Est. \$75,001-\$100,000 @ 3.5% Eng Cost Est. \$100,001 + @ 3% Eng Cost Est.	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	\$18.00 (100LF @ \$1,500.00 used for comparison)	\$45.00 - \$160.00 (100LF used for comparison)
Alley Gutter*	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng Cost Est. \$75,001-\$100,000 @ 3.5% Eng Cost Est. \$100,001 + @ 3% Eng Cost Est.	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	\$37.00 (100LF @ \$1,025.00 used for comparison)	\$45.00 - \$186.00 (100LF used for comparison)
SWPPP	Review: N/A	Review: \$144.00 + \$68.00/hr after 2-hours	Review: \$144.00	Review: \$45.00/hr - \$56.48/hr \$334.00 - \$2,500.00 SWPPP Inspection: \$330.00 - \$573.00
WQMP / NPDES	Review: \$500 Deposit + CRB Inspection: N/A	Subdivision Review: \$1,000.00 + \$68.00/hr after 14-hours Multi/Commercial/Industrial Review: \$600.00 + \$68.00/hr after 8-hours	Subdivision Review: \$500.00 Multi/Commercial/Industrial Review: \$100.00	Review: \$45.00/hr - \$56.48/hr \$334.00 - \$2,500.00 WQMP/NPDES Inspection: \$160.00 - \$3,600.00
MS4 Inspections	N/A	Minor Construction 2.5AC or Less & In-Fill Lots: \$260.00 Commercial/Industrial/Multi or Projects Greater than 2.5AC: \$450.00 Subdivisions: \$3,244.00	Minor Construction 2.5AC or Less & In-Fill Lots: \$260.00 Commercial/Industrial/Multi or Projects Greater than 2.5AC: \$450.00 Subdivisions: \$3,244.00	\$330.00 - \$3,600.00
TRENCH & PAVEMENT INSPECTION				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Open Trench Excavation*	Accumulative based on LF 0-400LF @ \$0.10/LF 401-500LF @ \$40.00 + \$0.09/LF 501LF + @ \$49.00 + \$0.08/LF	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	\$68.00 (A scenario of 100 LF was used to determine difference)	\$50.00 - \$383.00 (100 LF was used to compare among Agencies)
Trench/Bore*	Accumulative based on LF 0-400LF @ \$0.10/LF 401-500LF @ \$40.00 + \$0.09/LF 501LF + @ \$49.00 + \$0.08/LF	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	\$68.00 (A scenario of 100 LF was used to determine difference)	\$70.00 - \$383.00 (100 LF was used to compare among Agencies)
Bell Holes/ Bore Holes/ Pot Holes/Slice Pits*	Accumulative based on LF 0-400LF @ \$0.10/LF 401-500LF @ \$40.00 + \$0.09/LF 501LF + @ \$49.00 + \$0.08/LF	Accumulative based on Qty. 0-8EA @ \$78.00 9-16EA @ \$78.00 + \$6.50EA 17EA + @ \$132.00 + \$3.25EA	\$68.00 (A scenario of 100 LF was used to determine difference)	\$49.32/hr - \$56.48/hr \$50.00 - \$170.00 (100 LF was used to compare among Agencies)
Pavement Cuts * (Asphalt & Concrete)	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng. Cost Est. \$75,001-\$100,000 @ 3.5% Eng. Cost Est. \$100,001 + @ 3% Eng. Cost Est.	Accumulative based on LF 0-300LF @ \$94.00 301LF-600LF @ \$94.00 + \$0.16/LF 601LF + @ \$142.00 + \$0.08/LF	\$19.00 (100LF used for comparison)	\$50.00 - \$860.00 (100LF used for comparison)
Paving* (Asphalt & Concrete)	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng. Cost Est. \$75,001-\$100,000 @ 3.5% Eng. Cost Est. \$100,001 + @ 3% Eng. Cost Est.	Accumulative based on CY 0-500CY @ \$130.00 501-1,000CY @ \$131.00+ \$0.20/CY 1,001cy + @ \$229.00+ 0.15/CY	-\$64.00 (4,400SF/1,100CY used as basis for comparison)	\$155.32 - \$3,507.00 (4,400SF/1,100CY used as basis for comparison)

Table 2 (continued)

SUBDIVISION, PUBLIC IMPROVEMENTS & TRAFFIC INSPECTION				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Subdivision Public Improvements*	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng. Cost Est. \$75,001-\$100,000 @ 3.5% Eng. Cost Est. \$100,001 + @ 3% Eng. Cost Est.	Accumulative based on Valuation \$0-\$50,000 @ 5% Eng. Cost Est. \$50,001-\$250,000 @ 4% Eng. Cost Est. \$250,001 + @ 3% Eng. Cost Est.	\$2,375.00 (An \$800,000 Eng. Cost Est. used for comparison)	1%-5% Eng. Cost Est. or \$177.00/Lot + Deposit
Construction/Excavation*	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng. Cost Est. \$75,001-\$100,000 @ 3.5% Eng. Cost Est. \$100,001 + @ 3% Eng. Cost Est.	Accumulative based on Valuation \$0-\$50,000 @ 5% Eng. Cost Est. \$50,001-\$250,000 @ 4% Eng. Cost Est. \$250,001 + @ 3% Eng. Cost Est.	\$2,375.00 (An \$800,000 Eng. Cost Est. used for comparison)	1%-5% Eng. Cost Est. or \$177.00/Lot + Deposit
Traffic Signal/Signage & Striping*	Within City Limits 1% Eng. Cost Est. Multi-Jurisdictional 1/2% Eng. Cost Est.	Within City Limits 2% Eng. Cost Est. Multi-Jurisdictional 1% Eng. Cost Est.	Within City Limits: \$3,000.00 Multi-Jurisdictional: \$1,500.00 (An \$300,000 Eng. Cost Est. used for comparison)	1%-5% Eng. Cost Est.
Traffic Control	\$15.00	\$48.00/day	\$33.00/Day (1-Day Closure for 1,000LF)	\$57.00-\$750.00 (1-Day Closure for 1,000LF)
Monumentation & Centerline Ties*	\$20.00 + \$2.00EA	Accumulative based on Lots 0-100 Lots @ \$240.00 101 + 200 Lots @ \$240.00 + \$1.60/Lot 201 + Lots @ \$400.00 + \$1.00/Lot	\$22.00 (TR16955 with 36Lots & 99 monuments/centerlines required)	\$798.00 - \$2,620.00
Security Release	N/A	Partial Release: \$150.00 Substitution only: \$150.00	Partial Release: \$150.00 Substitution only: \$150.00	Lien Agreement Release: \$75.00 - \$896.00 Partial Release: \$390.00 - \$1,795.00 Substitution only: \$450.00 - \$1,607.00
REPORTS & STUDIES REVIEW				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Study Review <small>(Hydrology, Sewer, Traffic, CLOMR, LOMR, etc.)</small>	Review: CRB with a \$500 Deposit Inspection: N/A	Preliminary: \$650.00 Min + \$68.00/hr after 8-hours Subdivision Preliminary: \$1,050.00 Min + \$68.00/hr after 14-hours Final: \$1,700.00 Min + \$68.00/hr after 24-hours Subdivision Final: \$2,500.00 Min + \$68.00/hr after 36-hours	Preliminary: \$150.00 Subdivision Preliminary: \$550.00 Final: \$1,200.00 Subdivision Final: \$2,000.00 <small>(36 Lot / 7 AC Subdivision used as base for comparison with minimum review time)</small>	Preliminary: \$450.00 - \$2,614.00 Final: \$300.00 - \$1,478.00 <small>(36 Lot / 7 AC Subdivision used as base for comparison)</small>
Research	Review: CRB with a \$500 Deposit + Reproduction Costs	\$120.00 Min + \$56.00/hr after 2-hours + Reproduction Costs	\$380.00 + Reproduction Costs	\$47.00 - \$136.00
Vacations	\$50.00	Processing Fee: \$80.00 + Recording Fees + Checking Minor: \$150.00 Checking Major (Metes & Bounds): \$250.00 Prepared by City Minor: \$186.00 Prepared by City Major: \$500.00	Processing Fee: \$30.00+ Recording Fees + Checking Minor: \$100.00 Checking Major: \$200.00 Prepared by City Minor: \$136.00 Prepared by City Major: \$500.00	\$300.00 - \$3,510.00
Right-of-Way & Easements	\$50.00	Processing Fee: \$80.00 + Recording Fees + Checking Minor: \$150.00 Checking Major (Metes & Bounds): \$250.00 Prepared by City Minor: \$186.00 Prepared by City Major: \$500.00	Processing Fee: \$30.00+ Recording Fees + Checking Minor: \$100.00 Checking Major: \$200.00 Prepared by City Minor: \$136.00 Prepared by City Major: \$500.00	\$300.00 - \$3,510.00

Table 2 (continued)

REPORTS & STUDIES REVIEW (continued)				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Dedications	Review "OF" Description \$10.00/Lot "OF"& Property Description \$15.00/Lot Metes & Bounds \$25.00/Lot Preparation "OF" Description \$15.00/Lot "OF"& Property Description \$20.00/Lot Metes & Bounds \$10.00/Lot	Processing Fee: \$80.00 + Recording Fees + Checking Minor: \$150.00 Checking Major (Metes & Bounds): \$250.00 Prepared by City Minor: \$186.00 Prepared by City Major: \$500.00	Processing Fee: \$30.00+ Recording Fees + Checking Minor: \$100.00 Checking Major: \$200.00 Prepared by City Minor: \$136.00 Prepared by City Major: \$500.00	\$300.00 - \$3,510.00
Agreements (Subdivision, Utility, Development, Lien, etc.)	N/A	Subdivision, Development, & Utility Surety Agreement: \$160.00/set LDIC Agreement: \$250.00EA UUA: \$250.00EA UUSA: \$250.00EA Subdivision Ext. of Time: \$150.00EA	Subdivision, Development, & Utility Surety Agreement: \$160.00 LDIC Agreement: \$250.00 UUA: \$250.00 UUSA: \$250.00 Subdivision Ext. of Time: \$150.00	\$280.00 - \$5,000.00 + CRB
Assessment District Formation (LMAD, DFAD, MAD, SLAD, etc.)	N/A	\$160.00EA	\$160.00	\$942.00 - \$3,500.00
Release, or Partial Release of Recorded Agreements	N/A	Subdivision, Utility Surety, UUA, UUSA, LDIC & Lien Agreement: \$175.00EA	\$175.00	\$280.00 - \$3,500.00
Reimbursement Agreements (Sewer, Street, Storm Drain, etc.)	N/A	\$750.00 + Attorney's Fees	\$750.00 + Attorney's Fees	\$280.00 - \$5,700.00 + CRB
Agreement Re-Assignment (Reimbursement, Lien, etc.)	N/A	\$250.00 + Attorney's Fees	\$250.00 + Attorney's Fees	\$280.00 - \$5,700.00 + CRB
Variance	ROW: \$25.00 Planning Commission: \$1,000.00 (Dev. Dept.)	\$150.00 (ROW, Sewer, etc.)	\$125.00	\$500.00 - \$4,467.00
UTILITY INSPECTIONS				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Utility Cuts*	Accumulative based on LF 0-400LF @ \$0.10/LF 401-500LF @ \$40.00 + \$0.09/LF 501LF + @ \$49.00 + \$0.08/LF	Accumulative based on LF 0-300LF @ \$94.00 301LF-600LF @ \$94.00 + \$0.16/LF 601LF + @ \$142.00 + \$0.08/LF	\$84.00 (100 LF used to compare)	\$15.00 - \$145.00 (100 LF used to compare)
Utility Trench/Bore*	Accumulative based on LF 0-400LF @ \$0.10/LF 401-500LF @ \$40.00 + \$0.09/LF 501LF + @ \$49.00 + \$0.08/LF	Accumulative based on LF 0-100LF @ \$78.00 Min 101-200LF @ \$78.00 + \$0.24/LF 201LF + @ \$102.00 + \$0.16/LF	\$68.00 (A scenario of 100 LF was used to determine difference)	\$70.00 - \$383.00 (100 LF was used to compare among Agencies)
Utility Structures*	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng. Cost Est. \$75,001-\$100,000 @ 3.5% Eng Cost Est. \$100,001 + @ 3% Eng.'s Cost Est.	Accumulative based on Qty. 0-8EA @ \$78.00 9-16EA @ \$78.00 + \$6.50EA 17EA + @ \$132.00 + \$3.25EA	-\$722.00 (5 Structures @ \$20,000 is base for comparison)	\$49.32 - \$177.00
Undergrounding Utilities*	Accumulative based on Valuation \$0-\$25,000 @ 4% Eng.'s Cost Est. \$75,001-\$100,000 @ 3.5% Eng. Cost Est. \$100,001 + @ 3% Eng. Cost Est.	Accumulative based on LF 0-300LF @ \$94.00 301LF-600LF @ \$94.00 + \$0.16/LF 601LF + @ \$142.00 + \$0.08/LF	-\$3,531.00 (100LF @ \$100,000 is base for comparison)	\$66.00 - \$297.00

Table 2 (continued)

SPECIALTY & MISCELLANEOUS INSPECTIONS				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Parade	\$100.00 + CRB + Insurance	\$250.00 + CRB + Insurance Req'd as Determined by Risk Management	\$150.00 + CRB + Insurance Req'd as Determined by Risk Management	\$125.00 – 217.00 + CRB
Special Use Permit	CRB + Insurance	\$250.00 + CRB + Insurance Req'd as Determined by Risk Management	\$250.00 + CRB + Insurance Req'd as Determined by Risk Management	\$49.00 - \$1,056.00 + Insurance Req'd
Filming	CRB + Insurance	\$250.00 + CRB + Insurance Req'd as Determined by Risk Management	\$366.00 + CRB + Insurance Required as Determined by Risk Management + Film Business License + San Bernardino County Fire Dept. Permit (For special effects, pyrotechnics, etc. are involved)	\$250.00 - \$961.00 + CRB + Insurance Req'd
TRANSPORTATION PERMITTING				
Engineering Service Type	Current Fee Schedule	Actual Costs	++ Difference between Current & Actual Costs	Government Agency's Fee Range
Transportation Issuance* <small>Accordance with CVC 35795</small>	N/A	\$16.00 **	\$16.00	N/A
Commercial Vehicle Parking*	N/A	N/A	N/A	\$0.00 - \$95.00
Recreational Vehicle*	N/A	\$10.00	\$10.00	\$0.00 - \$95.00
Oversize Load – Purple*	\$5.00/trip	\$16.00 **	\$11.00	Monies collected on behalf of the California Department of Transportation
Oversize Load (Green)	Single*	\$5.00/trip	\$11.00	
	Annual*	\$50.00	-\$40.00	
	Repetitive*	N/A	\$90.00	
Moving*	Surety Required: \$5,000 Insurance Personal Liability: \$100,000 EA. Person Public Liability: \$300,000 Property Damage: \$100,000	CRB + Surety & Insurance Requirements as Determined by Risk Management	N/A	\$14.00 - \$135.00

APPENDIX I
ENGINEERING SERVICES COST CALCULATIONS

SALARIES

POSITION	HOURLY RATE	POSITION	HOURLY RATE
Administrative Secretary	\$43.31	GIS Analyst ENG/PW	\$56.59
Assistant Engineer I	\$54.12	Line Locator	\$41.85
Assistant Engineer I	\$49.54	Office Assistant	\$28.37
Assistant Engineer I	\$56.59	Records Management Coordinator	\$45.96
Assistant Engineer I	\$56.59	Office Assistant	\$31.81
Assistant Engineer II	\$50.98	Public Works Inspector	\$52.14
Associate Civil Engineer	\$71.09	Public Works Inspector	\$47.77
Associate Civil Engineer	\$64.93	Public Works Inspector	\$52.14
City Clerk	\$77.48	Senior Engineering & GIS Technician	\$47.31
City Engineer	\$90.56	Survey Technician	\$44.36
City Surveyor	\$67.00	Traffic Engineer	\$130.00
Engineering Specialist	\$46.35	Traffic Engineering Specialist	\$53.38
Engineering Technician	\$40.94		

ENGINEERING SERVICES TIME

ISSUANCE, PERMITTING & INSPECTION

SCANNING			
Staff	Time	Salary	Staff Cost
Records Office Assistant	0.083	\$31.81	\$2.64
Records Management Coordinator	0.083	\$45.96	\$3.81
Sub Total			\$6.45
Cost Allocation			\$1.29
TOTAL			\$7.74

PRE-INSPECTION/RIGHT-OF-WAY INVESTIGATION			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.250	\$52.14	\$13.04
Office Assistant	0.167	\$28.37	\$4.74
Sub Total			\$17.78
Cost Allocation			\$3.56
Scanning			\$8.00
TOTAL			\$29.34

PERMIT ISSUANCE			
Staff	Time	Salary	Staff Cost
Office Assistant	0.417	\$28.37	\$11.63
Administrative Secretary	0.083	\$43.31	\$3.59
Engineering Specialist	0.250	\$46.35	\$11.59
Senior Engineering Technician	0.083	\$47.31	\$3.93
Assistant Engineer I	0.083	\$56.59	\$4.70
City Engineer	0.083	\$90.56	\$7.52
Sub Total			\$42.96
Cost Allocation			\$8.59
Scanning			\$8.00
TOTAL			\$59.55

RE-INSPECTION			
Staff	Time	Salary	Staff Cost
City Engineer	0.500	\$90.56	\$45.28
Public Works Inspector	0.500	\$52.14	\$26.07
Engineering Specialist	0.120	\$46.35	\$5.56
Associate Civil Engineer	0.500	\$71.09	\$35.55
Sub Total			\$112.46
Cost Allocation			\$22.49
TOTAL			\$135

APPENDIX I
ISSUANCE, PERMITTING & INSPECTION

(CONTINUED)

HOURLY COST FOR INSPECTION DURING NORMAL BUSINESS HOURS			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.000	\$52.14	\$52.14
Associate Civil Engineer	0.083	\$71.09	\$5.90
Sub Total			\$58.04
Cost Allocation			\$11.61
TOTAL			\$69.65

HOURLY COST FOR INSPECTION OUTSIDE NORMAL BUSINESS HOURS			
Staff	Time	Salary	Staff Cost
City Engineer	0.250	\$90.56	\$22.64
Public Works Inspector	1.000	\$52.14	\$52.14
Associate Civil Engineer	0.333	\$71.09	\$23.46
Sub Total			\$109.07
Cost Allocation			\$20.72
TOTAL			\$129.79

CONCRETE PERMITTING & INSPECTION

RESIDENTIAL DRIVE APPROACH			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.500	\$52.14	\$78.21
Sub Total			\$78.21
Cost Allocation			\$15.64
TOTAL			\$93.85

COMMERCIAL & INDUSTRIAL DRIVE APPROACH			
Staff	Time	Salary	Staff Cost
Public Works Inspector	2.000	\$52.14	\$104.28
Sub Total			\$104.28
Cost Allocation			\$20.86
TOTAL			\$125.14

SIDEWALK, CURB & GUTTER BY 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.250	\$52.14	\$65.18
Sub Total			\$65.18
Cost Allocation			\$12.38
TOTAL			\$77.56
ADDITIONAL 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.375	\$52.14	\$19.55
Sub Total			\$19.55
Cost Allocation			\$3.91
TOTAL			\$23.46

APPENDIX I
DRAINAGE PERMITTING & INSPECTION

CATCH BASIN, CURB CORE, UNDER SIDEWALK DRAIN & GUTTER BY 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.250	\$52.14	\$65.18
Sub Total			\$65.18
Cost Allocation			\$12.38
TOTAL			\$77.56
ADDITIONAL 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.375	\$52.14	\$19.55
Sub Total			\$19.55
Cost Allocation			\$3.91
TOTAL			\$23.46

SWPPP Review			
Staff	Time	Salary	Staff Cost
Associate Engineer I	2.000	\$56.59	\$113.18
Sub Total			\$113.18
Cost Allocation			\$22.64
Scanning			\$8.00
TOTAL			\$143.82

SUBDIVISION NPDES/WQMP REVIEW			
Staff	Time	Salary	Staff Cost
Associate Engineer I	14.000	\$56.59	\$792.26
City Surveyor	0.500	\$67.00	\$33.50
Office Assistant	0.250	\$28.37	\$7.09
Sub Total			\$832.85
Cost Allocation			\$158.57
Scanning			\$8.00
TOTAL			\$999.42

COMMERCIAL/INDUSTRIAL/MULTI NPDES/WQMP REVIEW			
Staff	Time	Salary	Staff Cost
Associate Engineer I	8.000	\$56.59	\$452.72
City Surveyor	0.500	\$67.00	\$33.50
Office Assistant	0.250	\$28.37	\$7.09
Sub Total			\$493.31
Cost Allocation			\$98.67
Scanning			\$8.00
TOTAL			\$599.47

MS4 INSPECTION CONSTRUCTION LESS THAN 2.5 ACRES			
Staff	Time	Salary	Staff Cost
Public Works Inspector	2.250	\$52.14	\$117.32
Associate Engineer I	1.500	\$56.59	\$84.89
Office Assistant	0.667	\$28.37	\$18.92
Sub Total			\$229.13
Cost Allocation			\$37.81
TOTAL			\$274.94

MS4 INSPECTION GREATER THAN 2.5 ACRES			
Staff	Time	Salary	Staff Cost
Public Works Inspector	5.000	\$52.14	\$260.70
Associate Engineer I	1.500	\$56.59	\$84.89
Office Assistant	1.000	\$28.37	\$28.37
Sub Total			\$373.96
Cost Allocation			\$75.79
TOTAL			\$449.75

MS4 INSPECTION SUBDIVISIONS			
Staff	Time	Salary	Staff Cost
Public Works Inspector	52.000	\$52.14	\$2,711.28
Associate Engineer I	1.500	\$56.59	\$84.89
Office Assistant	1.000	\$28.37	\$28.37
Sub Total			\$2,796.24
Cost Allocation			\$447.40
TOTAL			\$3,243.64

APPENDIX I
TRENCH & PAVEMENT PERMITTING & INSPECTION

TRENCH/BORE BY 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.250	\$52.14	\$65.18
Sub Total			\$65.18
Cost Allocation			\$12.38
TOTAL			\$77.56
ADDITIONAL 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.375	\$52.14	\$19.55
Sub Total			\$19.55
Cost Allocation			\$3.91
\$24.00/100=\$0.24 Per 100LF	TOTAL		\$23.46

BELL HOLES, POT HOLES, & SLICE PITS BY 8 EACH			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.250	\$52.14	\$65.18
Sub Total			\$65.18
Cost Allocation			12.38
TOTAL			77.56
ADDITIONAL BY 8 EACH			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.833	\$52.14	\$43.43
Sub Total			\$43.43
Cost Allocation			\$7.82
\$52.00/8EA = \$6.50 Per 8EA	TOTAL		\$51.25

PAVEMENT CUTS BY 300 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.500	\$52.14	\$78.21
Sub Total			\$78.21
Cost Allocation			\$15.64
TOTAL			\$93.85
ADDITIONAL BY 300 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.750	\$52.14	\$39.11
Sub Total			\$39.11
Cost Allocation			\$7.82
\$47.00/300=\$0.16 Per 300LF	TOTAL		\$46.93

PAVING BY 500 CUBIC YARDS			
Staff	Time	Salary	Staff Cost
Public Works Inspector	2.083	\$52.14	\$108.61
Sub Total			\$108.61
Cost Allocation			\$20.64
TOTAL			\$129.25
ADDITIONAL 500 CUBIC YARDS			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.562	\$52.14	\$81.44
Sub Total			\$81.44
Cost Allocation			\$16.29
\$98.00/500CY = \$0.20 Per 500CY	TOTAL		\$97.73

APPENDIX I
SUBDIVISION & CONSTRUCTION

MONUMENTATION @ 100 LOTS			
Staff	Time	Salary	Staff Cost
City Surveyor	1.000	\$67.00	\$67.00
Survey Technician	1.500	\$44.36	\$66.54
Assistant Engineer I	1.000	\$54.12	\$54.12
Engineering Specialist	0.250	\$46.35	\$11.59
Sub Total			\$199.25
Cost Allocation			\$31.88
Scanning			\$8.00
TOTAL			\$239.16
ADDITIONAL 100 LOTS			
Staff	Time	Salary	Staff Cost
City Surveyor	0.750	\$67.00	\$50.25
Survey Technician	1.000	\$44.36	\$44.36
Engineering Specialist	0.250	\$46.35	\$11.59
Assistant Engineer I	0.500	\$54.12	\$27.06
Sub Total			\$133.26
Cost Allocation			\$26.65
\$160.00/100 = \$1.60 Per 100Lots	TOTAL		\$159.91

TRAFFIC SIGNAL INSTALLATION/MODIFICATION			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.500	\$52.14	\$26.07
Traffic Engineer	0.500	\$130.00	\$65.00
Traffic Engineering Specialist	0.500	\$53.38	\$26.69
Engineering Specialist	0.750	\$46.35	\$34.76
Sub Total			\$152.52
Cost Allocation			\$30.51
TOTAL			\$183.03

TRAFFIC CONTROL PLAN REVIEW			
Staff	Time	Salary	Staff Cost
Traffic Engineer	0.217	\$130.00	\$28.21
Engineering Specialist	0.250	\$46.35	\$11.59
Traffic Engineering Specialist	0.083	\$53.38	\$4.43
Sub Total			44.23
Cost Allocation			8.85
TOTAL			53.08

TRAFFIC CONTROL INSPECTION			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.250	\$52.14	\$13.04
Traffic Engineering Specialist	0.250	\$53.38	\$13.35
Sub Total			\$26.39
Cost Allocation			\$5.28
Scanning			\$8.00
TOTAL			\$39.67

SECURITY PARTIAL RELEASE			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.50	\$52.14	\$78.21
Administrative Secretary	0.250	\$43.31	\$10.83
Engineering Specialist	2.000	\$46.35	\$92.70
City Engineer	0.250	\$90.56	\$22.64
Sub Total			\$121.38
Cost Allocation			\$20.36
Scanning			\$8.00
TOTAL			\$149.74

SECURITY SUBSTITUTION			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.580	\$52.14	\$30.40
Administrative Secretary	0.250	\$43.31	\$10.83
Engineering Specialist	1.500	\$46.35	\$69.53
City Engineer	0.083	\$90.56	\$7.52
Sub Total			118.28
Cost Allocation			23.66
Scanning			\$8.00
TOTAL			149.94

APPENDIX I
REPORTS, STUDIES & DOCUMENT REVIEW

PRELIMINARY STUDY REVIEW			
Staff	Time	Salary	Staff Cost
Associate Engineer I	8.000	\$56.59	\$452.72
City Surveyor	1.000	\$67.00	\$67.00
Office Assistant	0.583	\$28.37	\$16.53
Sub Total			\$536.25
Cost Allocation			\$105.62
Scanning			\$8.00
TOTAL			\$649.87

PRELIMINARY SUBDIVISION STUDY REVIEW			
Staff	Time	Salary	Staff Cost
Associate Engineer I	14.000	\$56.59	\$792.26
City Surveyor	1.000	\$67.00	\$67.00
Office Assistant	0.750	\$28.37	\$21.28
Sub Total			\$880.54
Cost Allocation			\$161.27
Scanning			\$8.00
TOTAL			\$1,049.81

FINAL STUDY REVIEW			
Staff	Time	Salary	Staff Cost
Associate Engineer I	24.000	\$56.59	\$1,358.16
City Surveyor	1.000	\$67.00	\$67.00
Office Assistant	0.750	\$28.37	\$21.28
Sub Total			\$1,446.44
Cost Allocation			\$245.27
Scanning			\$8.00
TOTAL			\$1,699.71

FINAL SUBDIVISION STUDY REVIEW			
Staff	Time	Salary	Staff Cost
Associate Engineer I	36.000	\$56.59	\$2,037.24
City Surveyor	1.000	\$67.00	\$67.00
Office Assistant	0.750	\$28.37	\$21.28
Sub Total			\$2,125.52
Cost Allocation			\$365.49
Scanning			\$8.00
TOTAL			\$2,499.01

STUDY REVIEW HOURLY COST			
Staff	Time	Salary	Staff Cost
Associate Engineer I	1.000	\$56.59	\$56.59
Sub Total			\$56.59
Cost Allocation			\$11.32
TOTAL			\$67.91

RESEARCH			
Staff	Time	Salary	Staff Cost
Engineering Specialist	1.00	\$46.35	\$46.35
Sub Total			\$46.35
Cost Allocation			\$9.27
TOTAL			\$55.62

MINOR RECORDING DOCUMENT REVIEW			
Staff	Time	Salary	Staff Cost
City Surveyor	0.417	\$67.00	\$27.94
Assistant Engineer I	1.330	\$54.12	\$71.98
Office Assistant	0.667	\$28.37	\$18.92
Sub Total			\$118.84
Cost Allocation			\$23.13
Scanning			\$8.00
TOTAL			\$149.97

MAJOR RECORDING DOCUMENT REVIEW			
Staff	Time	Salary	Staff Cost
City Surveyor	1.000	\$67.00	\$67.00
Assistant Engineer I	2.250	\$54.12	\$108.24
Office Assistant	1.000	\$28.37	\$28.37
Sub Total			\$203.61
Cost Allocation			\$37.63
Scanning			\$8.00
TOTAL			\$249.24

APPENDIX I
REPORTS, STUDIES & DOCUMENT REVIEW
(CONTINUED)

CITY PREPARED MINOR RECORDING DOCUMENT			
Staff	Time	Salary	Staff Cost
City Surveyor	1.500	\$67.00	\$100.50
Assistant Engineer I	0.750	\$54.12	\$40.59
Office Assistant	0.250	\$28.37	\$7.09
Sub Total			\$148.18
Cost Allocation			\$29.64
Scanning			\$8.00
TOTAL			\$185.82

CITY PREPARED MAJOR RECORDING DOCUMENT			
Staff	Time	Salary	Staff Cost
City Surveyor	6.000	\$67.00	\$402.00
Office Assistant	0.500	\$28.37	\$14.19
Sub Total			\$416.19
Cost Allocation			\$74.91
Scanning			\$8.00
TOTAL			\$499.10

SUBDIVISION, DEVELOPMENT, & UTILITY SURETY AGREEMENTS			
Staff	Time	Salary	Staff Cost
Administrative Secretary	0.250	\$43.31	\$10.83
City Surveyor	0.750	\$67.00	\$50.25
Engineering Specialist	0.750	\$46.35	\$34.76
City Engineer	0.250	\$90.56	\$22.64
Office Assistant	0.333	\$28.37	\$9.36
Sub Total			\$127.84
Cost Allocation			\$24.01
Scanning			\$8.00
TOTAL			\$159.85

LDIC, UU, & UUS AGREEMENTS			
Staff	Time	Salary	Staff Cost
Administrative Secretary	0.250	\$43.31	\$10.83
City Surveyor	1.500	\$67.00	\$117.25
Engineering Specialist	1.000	\$46.35	\$46.35
City Engineer	0.250	\$90.56	\$22.64
Office Assistant	0.333	\$28.37	\$9.36
Sub Total			\$206.93
Cost Allocation			\$34.14
Scanning			\$8.00
TOTAL			\$249.07

ASSESSMENT DISTRICT FORMATION			
Staff	Time	Salary	Staff Cost
Administrative Secretary	0.250	\$43.31	\$10.83
City Surveyor	0.250	\$67.00	\$16.75
Engineering Specialist	1.000	\$46.35	\$46.35
City Engineer	0.500	\$90.56	\$45.28
Office Assistant	0.250	\$28.37	\$7.09
Sub Total			\$126.30
Cost Allocation			\$25.26
Scanning			\$8.00
TOTAL			\$159.56

RELEASE OF RECORDED AGREEMENTS			
Staff	Time	Salary	Staff Cost
Assistant Engineer I	0.500	\$54.12	\$27.06
Administrative Secretary	0.250	\$43.31	\$10.83
City Surveyor	0.500	\$67.00	\$33.50
Engineering Specialist	1.000	\$46.35	\$46.35
City Engineer	0.167	\$90.56	\$15.12
Office Assistant	0.250	\$28.37	\$9.36
Sub Total			\$142.22
Cost Allocation			\$24.44
Scanning			\$8.00
TOTAL			\$174.66

APPENDIX I
REPORTS, STUDIES & DOCUMENT REVIEW
(CONTINUED)

REIMBURSEMENT AGREEMENTS			
Staff	Time	Salary	Staff Cost
City Engineer	3.000	\$90.56	\$271.68
City Surveyor	1.000	\$67.00	\$67.00
Office Assistant	0.500	\$28.37	\$14.19
Administrative Secretary	2.000	\$43.31	\$86.62
Engineering Specialist	4.000	\$46.35	\$185.40
Sub Total			\$624.89
Cost Allocation			\$116.72
Scanning			\$8.00
TOTAL			\$749.61

VARIANCE			
Staff	Time	Salary	Staff Cost
Office Assistant	0.250	\$28.37	\$7.09
Administrative Secretary	0.250	\$43.31	\$10.83
Engineering Specialist	1.000	\$46.35	\$50.20
City Engineer	0.250	\$90.56	\$22.64
Sub Total			\$90.76
Cost Allocation			\$15.19
Scanning			\$8.00
TOTAL			\$113.95

UTILITY

UTILITY CUTS BY 300 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.500	\$52.14	\$78.21
Sub Total			\$78.21
Cost Allocation			\$15.64
TOTAL			\$93.85

UTILITY TRENCH, BORE & UNDERGROUNDING BY 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.250	\$52.14	\$65.18
Sub Total			\$65.18
Cost Allocation			\$12.38
TOTAL			\$77.56

ADDITIONAL BY 300 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.417	\$52.14	\$21.74
Sub Total			\$21.74
Cost Allocation			\$3.91
TOTAL			\$25.65

ADDITIONAL 100 LINEAR FEET			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.375	\$52.14	\$19.55
Sub Total			\$19.55
Cost Allocation			\$3.91
TOTAL			\$23.46

UTILITY STRUCTURES BY 8 EACH			
Staff	Time	Salary	Staff Cost
Public Works Inspector	1.250	\$52.14	\$65.18
Sub Total			\$65.18
Cost Allocation			12.38
TOTAL			77.56

ADDITIONAL BY 8 EACH			
Staff	Time	Salary	Staff Cost
Public Works Inspector	0.833	\$52.14	\$43.43
Sub Total			\$43.43
Cost Allocation			\$7.82

TOTAL	\$51.25
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APPENDIX I
SPECIALTY & MISCELLANEOUS

PARADE & SPECIAL USE			
Staff	Time	Salary	Staff Cost
Administrative Secretary	1.000	\$43.31	\$43.31
City Engineer	0.334	\$90.56	\$29.88
Office Assistant	1.000	\$28.37	\$28.37
Risk Manager	0.417	\$90.56	\$37.76
Police	0.334	\$90.56	\$29.88
Fire	0.334	\$90.56	\$29.88
Public Works	0.500	\$90.56	\$45.28
Sub Total			\$244.36
Cost Allocation			\$47.21
Scanning			\$8.00
TOTAL			\$299.57

FILMING			
Staff	Time	Salary	Staff Cost
Administrative Secretary	1.000	\$43.31	\$43.31
City Engineer	0.500	\$90.56	\$45.28
Office Assistant	1.000	\$28.37	\$28.37
Risk Manager	0.500	\$90.56	\$45.28
Police	0.500	\$90.56	\$45.28
Fire	0.500	\$90.56	\$45.28
Public Works	0.500	\$90.56	\$45.28
Sub Total			\$298.08
Cost Allocation			\$59.62
Scanning			\$8.00
TOTAL			\$365.70

TRANSPORTATION

TRANSPORTATION ISSUANCE			
Staff	Time	Salary	Staff Cost
Engineering Specialist	0.083	\$46.35	\$3.85
Administrative Secretary	0.083	\$43.31	\$3.59
Office Assistant	0.167	\$28.37	\$4.73
Sub Total			\$12.18
Cost Allocation			\$2.44
TOTAL			\$14.62

RECREATIONAL VEHICLE PARKING			
Staff	Time	Salary	Staff Cost
Office Assistant	0.083	\$28.37	\$2.35
Administrative Secretary	0.083	\$43.31	\$3.59
Sub Total			\$5.94
Cost Allocation			\$1.19
TOTAL			\$7.13

APPENDIX II
SURVEY OF FEES FOR ENGINEERING SERVICES
BY SIMILAR GOVERNMENT AGENCIES

ISSUANCE PERMITTING & INSPECTIONS						
Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Pre-Inspection/Right-of-Way Investigation Fee	\$45.00	0-1 acre \$69.00 Tracts \$368.00 + \$10.00/Lot	N/A	CRB	\$119.00	\$15.00
Construction/Excavation Issuance	\$30.00	\$30.82	\$56.48	\$26.00	\$230.00	\$5.00
Encroachment Issuance	\$25/90-days	\$30.82	\$56.48	\$26.00	\$170.00	\$5.00
Encroachment Inspection	\$45.00/hr	\$49.32/hr	\$56.48/hr	CRB	Based on Valuation \$0-\$1,000 \$ 94.00 \$1,001-\$3,999 \$119.00 \$4,000 + \$397.00	CRB
Re-Inspection Fee	\$45.00/hr	\$49.32/hr	\$55.00	\$64.00/hr	\$92.00	\$100.00
Violation/ Non-Compliance Fee	As reasonably determined by the City Engineer	As reasonably determined by the City Engineer	Violation: \$250.00/day until final Non-Compliance: \$65.00	1st Offense: Double Fee 2nd Offense & Up: Triple Fee or \$500 whichever is greater.	\$305.00	As reasonably determined by the City Engineer
Inspections Outside Normal Business Hours	CRB	CRB + G&A Rate	CRB	CRB	CRB	CRB
Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Pre-Inspection/Right-of-Way Investigation Fee	\$93.00	N/A	\$50.00 + CRB	\$79.00/hr	\$40.00	\$87.00
Construction/Excavation Issuance	\$93.00	\$160.00	\$228.00	\$87.00	\$75.00	\$52.25 + 4.5% tech fee
Encroachment Issuance	\$93.00	\$41.00	\$195.00	\$87.00	\$75.00 Min	\$52.25 + 4.5% tech fee
Encroachment Inspection	\$186.00 Min	\$160.00 Min	\$50.00 + CRB	\$193.00/hr	\$40.00 Min + \$10 Computer Tracking + 5% GIS Fee	\$52.25/hr
Re-Inspection Fee	\$186.00 Min	\$160.00 Min	\$50.00 + CRB	\$458.00	\$75.00 Min + \$10 Computer Tracking + 5% GIS Fee	\$52.25
Violation/ Non-Compliance Fee	\$186.00	\$78.00	\$228.00	Failed to Schedule Inspection: \$129.00 Inspection without Permit: \$639.00 Test without Permit: \$639.00	\$125.00 1st \$250.00 2nd \$625.00 3rd +	\$87.00
Inspections Outside Normal Business Hours	CRB	CRB + G&A Rate	CRB	\$96.00/hr with 1-hr Min.	\$150.00	CRB

CONCRETE PERMITTING & INSPECTIONS

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Residential Drive Approach	\$45.00	\$40.68	\$56.48	\$86.00	\$198.00	\$15.00
Commercial & Industrial Drive Approach	Commercial: \$45.00 Industrial: \$60.00	\$40.68	\$56.48	\$172.00	\$265.00	\$25.00
Sidewalk	\$45.00/hr	\$49.32/hr	Residential Sidewalk 0-300 LF \$56.48 301-600 LF \$84.72 601 - 1,000 LF \$112.96 1,001+ \$112.96 with 2-hr Min + \$56.48/hr Commercial Sidewalk 0-10 LF \$56.48 11-300 LF \$112.96 301-600 LF \$141.20 601 - 1,000 LF \$155.32 1,001+ \$155.32 with 2-hr Min + \$56.48/hr	CRB	\$0-\$1,000 \$94.00 \$1,001-\$3,999 \$119.00 \$4,000 + \$397.00	\$25.00
Curb & Gutter	\$45.00/hr	\$49.32/hr	0-300 LF \$70.60 301-600 LF \$98.84 601-1,000 LF \$127.08 1,001+ \$127.08 with 2-hr Min + \$56.48/hr	CRB	\$0-\$1,000 \$94.00 \$1,001-\$3,999 \$119.00 \$4,000 + \$397.00	\$25.00
Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Residential Drive Approach	\$186.00 Min	\$160.00 Min	\$228.00	New: \$203.00 2nd Approach: \$82.00	\$75.00	Fee: \$140.00 Deposit: \$500.00
Commercial & Industrial Drive Approach	\$186.00 Min	\$160.00 Min	\$316.00	\$144.00	\$75.00	Fee: \$140.00 Deposit: \$500.00
Sidewalk	\$186.00 Min	\$160.00 Min	\$228.00	0-100 LF \$70.00 101 LF + \$70.00 + \$1.00/LF	\$75.00 Min + \$0.15/SF	Under 25 LF: \$53.00 + deposit Over 25 LF: Total LF x \$2.02/LF + \$500.00 Deposit
Curb & Gutter	\$186.00 Min	\$160.00 Min	\$272.00	\$193.00/hr	\$75.00 Min + \$0.25/SF	\$0.30/LF+ \$500.00 Deposit

DRAINAGE PERMITTING & INSPECTIONS

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Catch Basin/ Parkway Culvert	\$45.00/hr	\$45.00/hr	\$45.00/hr	\$45.00/hr	\$45.00/hr	\$45.00/hr
Curb Core/ Under Sidewalk Drain	\$49.32/hr	\$49.32/hr	\$49.32/hr	\$49.32/hr	\$49.32/hr	\$49.32/hr
Alley Gutter	\$141.20	\$66.48/hr	\$84.72	\$66.48/hr	\$66.48/hr	\$66.48/hr
SWPPP	\$45.00/hr	\$45.00/hr	\$45.00/hr	Tracts: \$2,322.00 + CRB Commercial/Industrial/ Multi-Family: \$1,548.00 + CRB	Tracts: \$660.00 + CRB Commercial/Industrial/ Multi-Family: \$334.00 + CRB	Review Tracts: \$660.00 + CRB Commercial/Industrial/ Multi-Family: \$334.00 + CRB Inspection Tracts: \$330.00 + CRB Commercial/Industrial/ Multi-Family: \$573.00 + CRB
NPDES /WQMP	\$45.00/hr	\$45.00/hr	\$45.00/hr	CRB + Deposit \$2,500.00	CRB + Deposit \$2,500.00	Review CRB + Deposit \$2,500.00 Inspection CRB + Deposit \$3,600.00
MS4 Inspections	\$45.00/hr	\$45.00/hr	\$45.00/hr	Tracts: \$330.00 + CRB Commercial/Industrial/ Multi-Family: \$573.00 + CRB	SWPPP Inspection \$338.00 1st \$238.00 2nd + WQMP Inspection Tracts: \$330.00 + CRB Commercial/Industrial/ Multi-Family: \$573.00 + CRB	As reasonably determined by the City Engineer (CRB with \$500.00 Deposit)

DRAINAGE PERMITTING & INSPECTIONS

Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Catch Basin/ Parkway Culvert	\$45.00/hr	\$160.00/Min	\$316.00	\$144.00	\$75.00	\$74.11
Curb Core/ Under Sidewalk Drain	\$45.00/hr	\$160.00/Min	\$155.00	\$83.00	\$75.00	\$49.57 + \$250.00 Deposit
Alley Gutter	\$186.00/Min	\$160.00/Min	\$155.00	\$83.00	\$75.00	\$0.30/LF + \$500.000 Deposit
SWPPP	Review: \$870.00	\$1,400.00	CRB	Review: \$695.00	CRB	CRB
NPDES / WQMP	CRB	CRB	CRB	CRB	CRB	CRB
MS4 Inspections	CRB	High Priority: Commercial \$160.00 Industrial \$220.00 Construction Site \$1,400.00 Medium Priority: Construction Site \$700.00 Low Priority: Construction Site \$350.00	CRB	SWPPP Inspection: \$426.00 \$990.00 1st & 2nd \$341. WQMP Inspections Invoice Processing: \$19.00 Under Construction: \$402.00 Existing Businesses Industrial: 1st: \$477.00, 2nd +: \$287.00, 2nd +: \$224.00	CRB	CRB

TRENCH & PAVEMENT PERMITTING & INSPECTIONS

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Open Trench Excavation	0-300 LF \$50.00 300-500 LF \$75.00 501 LF + \$3.00/LF	0-300 LF \$96.26 301-500 LF \$148.12 501 LF + \$8.08/100LF	0-18 SF \$48.00 or 0-300 LF \$141.00 301-500 LF \$172.00 501-1,000 LF \$203.00 1,001 LF + \$15.00/100LF	0-18 SF \$48.00 or 0-300 LF \$141.00 301-500 LF \$172.00 501-1,000 LF \$203.00 1,001 LF + \$15.00/100LF	Class I 0-300 LF \$445.00 Class II 301-500 LF \$445.00 + \$0.20/LF 501 LF + \$25.00/100 LF	0-400 LF: \$0.10/LF 401-500 LF: \$40.00 + \$0.09/LF 501 LF + \$49.00/LF \$0.08/LF
Trench/Bore	\$70.00	0-300 LF: \$96.26 301-500 LF \$148.12 501 LF + \$8.60/100 LF	1-25 SF \$56.48 26-100 SF \$70.60 101-1,000 SF \$94.72 1,001-2,000 SF \$98.84 2,000 + SF \$98.94 + \$56.48/hr after 2-hrs 0-300 LF \$112.96 301-600 LF \$127.08 601-1,000 LF \$141.20 1,001 + \$141.20 + \$56.48/hr after 2-hrs	1-25 SF \$56.48 26-100 SF \$70.60 101-1,000 SF \$94.72 1,001-2,000 SF \$98.84 2,000+ SF \$98.94 + \$56.48/hr after 2-hrs 0-300 LF \$112.96 301-600 LF \$127.08 601-1,000 LF \$141.20 1,001 + \$141.20 + \$56.48/hr after 2-hrs	Class I 0-300LF \$445.00 Class II 301-500LF \$445.00 + \$0.20/LF 501 LF + \$25.00/100 LF	0-400 LF: \$0.10/LF 401-500 LF: \$40.00 + \$0.09/LF 501 LF + \$49.00/LF \$0.08/LF
Bell Holes/Bore Holes/Pot Holes/Slice Pits	\$50.00	\$49.32/hr	\$56.48/hr	CRB	\$170.00	0-4: \$8.00 EA 5-10: \$32.00 + \$7.00 EA 11+: \$67.00 + \$6.00 EA
Pavement Cuts (Asphalt & Concrete)	Deposit: Equal to 2- times the Estimated Cost when Bonds are not posted	\$49.32/hr	1-25 SF \$56.48 26-100 SF \$70.60 101-1,000 SF \$94.72 1,001-2,000 SF \$98.84 2,000+ SF \$98.94 + \$56.48/hr after 2-hrs 0-300 LF \$112.96 301-600 LF \$127.08 601-1,000 LF \$141.20 1,001 + \$141.20 + \$56.48/hr after 2-hrs	Commercial/Industrial/Multi-Family \$860.00/10-hrs \$516.00/6-hrs Tracts \$860.00 + \$43.00/Lot	\$0-\$1,000 \$94.00 \$1,001-\$3,999 \$119.00 \$4,000 + \$397.00	\$0-\$25,000 4% Engineer's Cost Est. \$75,001-\$100,000 3.5% Engineer's Cost Est. \$100,001 + 3% Engineer's Cost Est.
Paving (Asphalt & Concrete)	Deposit: Equal to 2- times the Estimated Cost when bonds are not posted	\$49.32/hr	1-25 SF \$112.96 26-100 SF \$127.08 101-1,000 SF \$141.20 1,001-2,000 SF \$155.32 2,001+ SF \$155.32 + \$56.48/hr after 3-hrs 0-300 LF \$112.96 301-600 LF \$141.20	CRB	\$0-\$1,000 \$94.00 \$1,001-\$3,999 \$119.00 \$4,000 + \$397.00	\$0-\$25,000 4% Engineer's Cost Est. \$75,001-\$100,000 3.5% Engineer's Cost Est. \$100,001 + 3% Engineer's Cost Est.
Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Open Trench Excavation	CRB+ Deposit @ 5% of Eng. Cost Est.	\$145.00	\$383.00 + CRB after 3rd inspection	Administrative Fee: \$70.00 In Lieu of Fee: \$196.00/LF Street Crossing: \$232.00 Min \$2.00 LF	\$75.00 Min + \$1.00/LF	0-25 LF: \$50.00 + Deposit 26 LF + \$2.26/LF + Deposit
Trenches	CRB+ Deposit @ 5% of Eng. Cost Est.	0-499 LF: \$80.00 500 LF + \$0.08/LF @ 24" less \$0.10/LF @ 24"-48" \$0.15/LF 48"+	\$383.00 + CRB after 3rd inspection	Parallel Trench: \$232.00 + \$0.50/LF	\$75.00 Min + \$1.00/LF	0-25 LF: \$50.00 + Deposit 26 LF + \$2.26/LF + Deposit
Bell Holes/Bore Holes/Pot Holes/Slice Pits	CRB + Deposit @ 5% of Eng. Cost Est.	\$49.32/hr	\$155.00	0-24-in diameter: \$26.00 24-in diameter + \$82.00	\$75.00	\$53.00 + possible Deposit
Pavement Cuts (Asphalt & Concrete)	CRB+ Deposit @ 5% of Eng. Cost Est.	\$49.32/hr	\$155.00	\$55.00	\$75.00	Under 25 LF: \$53 + Deposit Over 25 LF: Total LF x \$2.02/LF + Deposit
Paving (Asphalt & Concrete)	\$186.00 Min	0-100 SF \$0.14 101-1,000 SF \$0.08 1,001+ SF \$0.06	\$50.00 + CRB	\$232.00 Min + \$2.00/LF	\$75.00 Min + \$1.00/LF	\$1,000.00 Deposit

SUBDIVISION, PUBLIC IMPROVEMENT & TRAFFIC PERMITTING & INSPECTIONS

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Subdivision Public Improvements	Street: \$145.00/Lot Sewer: \$205.00/Lot Water: \$205.00/Lot+ Water Quality Tests	1% of Eng. Cost Est.	CRB	Street & Storm Drain: \$860.00 + \$43.00/Lot Sewer & Water: \$1.25/LF	CRB + 3/4% Eng. Cost Est.	\$0-\$25,000: 4% Eng. Cost Est. \$75,001-\$100,000: 3.5% Eng. Cost Est. \$100,001+: 3% Eng. Cost Est.
Construction/Excavation	Street: \$145.00/Lot Sewer: \$205.00/Lot Water: \$205.00/Lot+ Water Quality Tests	1% of Eng. Cost Est.	CRB	Street: \$860.00/10-hrs Storm Drain: \$316.00/6-hrs	\$1-\$7,500 \$75.00 \$7,501-\$25,000 \$75.00 + 1% Eng. Cost Est. \$25,001-\$100,000 \$325.00 + 7/8% Eng. Cost Est. \$100,001+ \$981.25 + 3/4%	\$0-\$25,000: 4% Eng. Cost Est. \$75,001-\$100,000: 3.5% Eng. Cost Est. \$100,001+: 3% Eng. Cost Est.
Monumentation	CRB	CRB + 30%	CRB	CRB	\$116.00 Corners \$232.00 Centerlines	\$20.00 + \$2.00 EA
Traffic Signal/Signage & Striping	5% of Eng. Cost Est. or Tract Signage & Striping: \$680.00 Signage & Striping: \$805.00/sheet	1% of Eng. Cost Est.	\$56.48/hr	CRB	\$1-\$7,500 \$75.00 \$7,501-\$25,000 \$75.00 + 1% Eng. Cost Est. \$25,001-\$100,000 \$325.00 + 7/8% Eng. Cost Est. \$100,001+ \$981.25 + 3/4% Eng. Cost Est.	Within City Limits 2% Eng.'s Cost Est. Multi-Jurisdictional 1% Eng. Cost Est.
Traffic Control	\$186.00/hr Initial Deposit	\$49.32/hr	\$56.48/hr	CRB	CRB + 3/4% Eng. Cost Est.	\$15.00
Security Release	N/A	N/A	\$56.48/hr	N/A	\$390.00 Partial Release	Lien Agreement Processing Fee: \$650.00 + \$25,000/Lot Dust Mitigation Deposit & \$12,000.00 Reversion to Acreage Deposit, if applicable

SUBDIVISION, PUBLIC IMPROVEMENT & TRAFFIC PERMITTING & INSPECTIONS

Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Subdivision Public Improvements	5% of Eng. Cost Est. or \$186,000/hr Deposit	\$0-\$25,000 \$40.00 + 5% Eng. Cost Est. \$25,001-\$50,000 \$1,290.00 + 4.5% Eng. Cost Est. \$50,001-\$75,000 \$2,415.00 + 4% Eng. Cost Est. \$75,001-\$100,000 \$3,415.00 + 3.5% Eng. Cost Est. \$100,001 + \$4,290.00 + 3% Eng. Cost Est.	\$0-\$100,000 4% Eng. Cost Est. \$100,001-\$200,000 3.5% Eng. Cost Est. \$200,001 + 3.1% Eng. Cost Est.	\$0-\$20,000 4% Eng. Cost Est. \$20,001-\$100,000 3.5% Eng. Cost Est. \$100,001 + up to 3.25% Eng. Cost Est.	\$1-\$50,000: \$410.00 + 4.7% Eng. Cost Est. \$50,001-\$150,000: \$4,870 + 3.5% Eng. Cost Est. \$150,001 & Up: \$6,930 + 2% Eng. Cost Est. July 1 Each Year shall be Adjusted by ENRI (Engineering News Record Index) Non-Business hrs \$90/hr 2-hr Min M-F/4hr Min Sat & Sun	Administrative Fee 0-5,000 SF \$250.00 5,001-999 SF \$500.00 10,000-19,999 SF \$750.00 20,000 + \$1,000.00 Deposit 1,000-9,999 SF \$5,000.00 10,000-19,000 SF \$10,000.00 20,000 SF + \$15,000.00
Construction/Excavation	5% of Eng. Cost Est. or \$186,000/hr Deposit	\$0-\$25,000 \$40.00 + 5% Eng. Cost Est. \$25,001-\$50,000 \$1,290.00 + 4.5% Eng. Cost Est. \$50,001-\$75,000 \$2,415.00 + 4% Eng. Cost Est. \$75,001-\$100,000 \$3,415.00 + 3.5% Eng. Cost Est. \$100,001 + \$4,290.00 + 3% Eng. Cost Est.	\$0-\$100,000 4% Eng. Cost Est. \$100,001-\$200,000 3.5% Eng. Cost Est. \$200,001 + 3.1% Eng. Cost Est.	\$0-\$100,000 4% Eng. Cost Est. \$100,001-\$250,000 \$4,000.00 + 3% Eng. Cost Est. \$250,001 + \$8,500.00 + 2.5% Eng. Cost Est.	\$0-\$50,000 \$470.00 + 4% Eng. Cost Est. \$50,001-\$150,000 \$4,870.00 + 3.5% Eng. Cost Est. \$150,001 + \$6,930.00 + 3% Eng. Cost Est.	Administrative Fee 0-5,000 SF \$250.00 5,001-999 SF \$500.00 10,000-19,999 SF \$750.00 20,000 + \$1,000.00 Deposit 1,000-9,999 SF \$5,000.00 10,000-19,000 SF \$10,000.00 20,000 SF + \$15,000.00
Monumentation	Per Eng. Cost Est.	\$40,000/lot + Refundable Deposit: \$1,200.00 + \$50,000/lot	1-100 \$1,076.00	\$798.00	CRB	\$2,620.00 + \$63,000/Lot
Traffic Signal/Signage & Striping	5% of Eng. Cost Est. or Initial Deposit: \$186,000/hr	\$0-\$25,000 \$40.00 + 5% Eng. Cost Est. \$25,001-\$50,000 \$1,290.00 + 4.5% Eng. Cost Est. \$50,001-\$75,000 \$2,415.00 + 4% Eng. Cost Est. \$75,001-\$100,000 \$3,415.00 + 3.5% Eng. Cost Est. \$100,001 + \$4,290.00 + 3% Eng. Cost Est.	New \$1,730.00 Modification \$1,270.00 Interconnection \$720.00 Signage & Striping \$645,000/1,000 LF	\$0-\$100,000 4% Eng. Cost Est. \$100,001-\$250,000 3% Eng. Cost Est. \$20,001 & up to 2.5% Eng. Cost Est. Controller Test \$1,929.00 Signage & Striping \$350.00	\$750.00	New: \$4,907.29 Modification: \$2,446.64 Interconnection: \$0.60/LF Signage & Striping: \$0.39/LF
Traffic Control	1-Day Lane Closure 0-1,000 LF \$57.00 1,001 LF + \$160.00	Signage & Striping \$900.00/sheet Traffic Control \$160.00/day Street Closure \$160.00/day Weekend Closure \$240.00/day Lane Closure \$96.00/day	\$645,000/1,000 LF Tracts 0-50 Lots \$670.00 51 + Lots \$1,195.00	Review \$364.00/sheet 1st-3rd review \$213.00 4th+ review Permit \$100/day Traffic Control	Review \$300.00 for 2- 24"x36" sheets \$125.00/additional sheet 4th + Plan Checks: 25% original plan check fee Inspection \$750.00	\$52,25/hr
Security Release	N/A	Substitution: \$450.00	\$611.00	Partial \$1,795.00	Processing: \$450.00 Partial: \$225.00	Substitution & Partial: \$1,607.00

REPORTS, STUDIES & DOCUMENT REVIEW

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Report or Study Review (Hydrology, Sewer, Traffic, CLOMR, LOMR, etc.)	\$805.00 Min	Hydrology Study: CRB + 30% + Deposit \$120.00 Min or as Required by Town Engineer SFD Drainage Review: \$123.00 Traffic Study: CRB + 30% + Deposit \$120.00 Min or as Required by Town Engineer CLOMR/LOMR: \$280.00 + \$280.00 Deposit	\$56.48/hr	CRB + \$172.00	Hydrology Study: CRB + \$20.00 Initial Deposit Traffic Study: CRB + \$3,510.00 Deposit Traffic letter Report: \$3,400.00 + \$400.00 Deposit Sewer Study: CRB + \$3,510.00 Deposit CLOMR/LOMR: \$1,980.00	As Reasonably Determined by the City Engineer (CRB with \$500.00 Deposit)
Research	\$49.32/hr	\$49.32/hr	\$56.48/hr	\$16.00/ 1/4hr	CRB + \$3,510.00 Deposit	\$50.00
Vacations	\$470.00 Min	\$49.32/hr	\$56.48/hr	\$450.00	CRB + \$3,510.00 Deposit	\$50.00
Right-of-Way & Easements	\$470.00 Min	\$49.32/hr	\$56.48/hr	\$192.00/sheet	CRB + \$3,510.00 Deposit	Review "OF" Description \$10.00/Lot "OF" & Property Description \$15.00/Lot Metes & Bounds \$25.00/Lot Preparation "OF" Description \$15.00/Lot & Property Description \$20.00/Lot Metes & Bounds \$10.00/Lot
Dedications	\$470.00 Min	\$49.32/hr	\$56.48/hr	\$192.00/sheet	CRB + \$3,510.00 Deposit	Review "OF" Description \$10.00/Lot "OF" & Property Description \$15.00/Lot Metes & Bounds \$25.00/Lot Preparation "OF" Description \$15.00/Lot "OF" & Property Description \$20.00/Lot Metes & Bounds \$10.00/Lot
Variance	\$45.00/hr	CRB + \$1,687.00 Deposit Minor: CRB + \$1,561.00 Deposit	\$56.48/hr	\$971.00	CRB + \$3,510.00 Deposit	ROW: \$25 (Development Department Administrative: \$725 Planning Commission: \$1,000)
Agreements (Subdivision, Utility, Lien, etc.)	Cost Reasonably Borne	\$280.00 + \$280.00 Deposit	\$56.48/hr	CRB + \$172.00	CRB + \$3,510.00 Deposit	N/A
Assessment District Formation (LMAD, DFAD, MAD, SLAD, etc)	Cost Reasonably Borne	\$280.00 + \$280.00 Deposit	\$56.48/hr	CRB + \$172.00	CRB + \$3,510.00 Deposit	N/A
Reimbursement Agreements (Sewer, Street, Storm Drain, etc.)	Cost Reasonably Borne	\$280.00 + \$280.00 Deposit	\$56.48/hr	CRB + \$172.00	CRB + \$3,510.00 Deposit	N/A

REPORTS, STUDIES & DOCUMENT REVIEW

Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Report or Study Review (Hydrology, Sewer, Traffic, CLOMR, LOMR, etc.)	Hydrology Preliminary: \$1,750.00 + \$24,000/Lot Hydrology Final: \$1,650.00 + \$23,000/Lot Traffic Study: CRB + \$2,500.00 Deposit Sewer Study: CRB CLOMR/LOMR: CRB	Hydrology Report Staff Review: 0-150ac: \$1,000.00 + \$10.00/ac 151ac: \$1,200.00 + \$15.00/ac Hydrology Report Consultant Review: CRB + C & A Rate + \$7,500.00 Deposit Traffic Study Specific Focus: \$500.00 Traffic Study Typical: CRB + C&A Rate or \$1,410.00 Min Sewer Study: \$1,000.00 + \$10.00/acre or CRB + C & A Rate + \$2,000 Deposit Sewer Availability Letter: \$25.00 CLOMR/LOMR: CRB	Hydrology Report: CRB + Deposit as Determined by Staff Traffic Study: CRB + Deposit as Determined by Staff Sewer Study: CRB + Deposit as Determined by Staff CLOMR/LOMR: CRB	Hydrology Report Preliminary: \$493.00 Hydrology Report Final: \$450.00 Min 0-50ac: \$51,000/ac 51-100ac: \$2,500.00 + \$6.00/ac 101-1,000ac: \$2,800.00 + \$4.00/ac 1,001ac: \$6,400.00 + \$1,000/ac Traffic Study Minor: \$1,177.00 Traffic Study Major: \$3,118.00 Sewer Study: CRB CLOMR/LOMR: CRB 1-10 Acres: \$3,385.00 10 Acres plus: \$3,385.00 + \$20.00/acre	Hydrology Report \$75.00/1/4-hr + \$150.00 Deposit Traffic Study: \$450.00 Min Sewer Study: CRB CLOMR/LOMR: CRB	Hydrology Report Staff Review: 0-150ac: \$2,640.00 151ac: \$3,655.00 Hydrology Report Consultant Review: CRB Traffic Study: \$711.00 CLOMR/LOMR: CRB
Research	CRB	\$47.00/hr	\$50.00 + CRB	\$136.00/hr with 1/2 hr Min Technical: \$84.00/hr + copy costs Professional: \$136.00/hr + copy costs	\$35.00/1/4 hr Technical: \$75.00/1/4 hr	\$52.25/hr
Vacations	\$500.00	\$1,100.00 + Advertising Costs	\$50.00 + CRB	\$5,000.00/Lot	\$2,000.00	\$52.25/hr
Right-of-Way & Easements	\$500.00	\$500.00	\$50.00 + CRB	Public Hearing: \$2,618.00 + Notice & Posting Fees Administrative: \$474.00	\$2,000.00	\$52.25/hr
Dedications	\$500.00	\$500.00	\$50.00 + CRB	Public Hearing: \$2,618.00 + Notice & Posting Fees Administrative: \$474.00	\$2,000.00	\$52.25/hr
Variance	\$500.00	\$500.00	Stand Alone: \$4,467.00 With Another Application: \$1,604.00	Administration: \$474.00 Public Hearing: \$2,618.00 + Notice & Posting Fees	\$2,000.00	\$52.25/hr
Agreements (Subdivision, Utility, Lien, etc.)	CRB	CRB + \$5,000.00 Deposit Lien Agreement Release \$75.00	\$611.00	\$832.00	Standard: \$1,080.00 Lien Agreement Release: \$1,140.00 DIF: \$850.00	Lien Agreement Release: \$896.00 Improvement Agreements \$298.00
Assessment District Formation (LIMAD, DFAD, MAD, SLAD, etc)	CRB	CRB + \$5,000.00 Deposit	\$3,500.00	Formation: \$942.00 + \$27,000/Lot Administration Fee: \$404.00 Ballot Administration: \$1,574.00 Ballot: \$3,000/ballot	Formation: \$3,500.00 Application: \$450.00 + \$30.00/Lot Bonds: \$1,050.00	\$3,198.00
Reimbursement Agreements (Sewer, Street, Storm Drain, etc.)	CRB	CRB + \$5,000.00 Deposit	Sewer: \$2,880.00 Per \$0-\$25,000 Reimbursable Amt or \$5,094.00 Per \$25,000 + Reimbursable Amt Storm Drain: Initial Refund Application: \$1,035.00 Qrty & Semi-Annual Refund: \$470.00	CRB	Street: \$5,720.00 Storm Drain: \$5,040.00	\$3,198.00

UTILITY PERMITTING & INSPECTIONS

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Utility Cuts	\$70.00	0-300 LF \$96.26 301-500 LF \$148.12 501 LF + \$8.08/100 LF	0-300 LF \$112.96 301-600 \$141.20 601-1,000 LF \$169.44 1,001 + \$169.44 + \$56.48/hr after 2-hrs	0-18 SF \$48.00 or 0-300 LF \$141.00 301-500 LF \$172.00 501-1,000 LF \$203.00 1,001 LF + \$15.00/100 LF	0-300 LF \$445.00 301-500 LF \$445.00 + \$0.20/LF 501 LF + \$25.00/100 LF	0-4 EA \$8.00 5-10 EA \$32.00 + \$7.00 11EA + \$67.00 + \$6.00
Underground Structures	CRB + Deposit 5% of Eng. Cost Est.	\$49.32/hr	\$56.48/hr	CRB	\$170.00	\$0-\$25,000 4% Eng. Cost Est. \$75,001-\$100,000 3.5% Eng. Cost Est. \$100,001+ 3% Eng. Cost Est.
Underground Utilities	CRB+ Deposit 5% of Eng. Cost Est.	0-300 LF \$96.26 301-500 LF \$148.12 501 LF + \$8.08/100 LF	0-300 LF \$112.96 301-600 \$141.20 601-1,000 LF \$169.44 1,001 + \$169.44 + \$56.48/hr after 2-hrs	\$66.00	0-300 LF \$445.00 301-500 LF \$445.00 + \$0.20/LF 501 LF + \$25.00/100 LF	\$0-\$25,000 4% Eng. Cost Est. \$75,001-\$100,000 3.5% Eng. Cost Est. \$100,001+ 3% Eng. Cost Est.
Utility Company Annual Permit	N/A	N/A	N/A	\$28.00	\$230.00	N/A
Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Utility Cuts	CRB+ Deposit 5% of Eng. Cost Est.	\$145.00	\$134.00 + \$0.71/SF	\$15.00	\$75.00 + \$1.00/LF	Existing Conduit \$2.01/LF + \$0.21/LF + Possible Deposit Aerial \$0.21/LF + Possible Deposit
Underground Structures	CRB + Deposit 5% of Eng. Cost Est.	\$49.32/hr	\$155.00	\$77.00	\$75.00	\$53.00 + Possible Deposit
Underground Utilities	CRB+ Deposit 5% of Eng. Cost Est.	0-499 LF \$80.00 500 LF + \$0.08/LF @ 24" less \$0.10/LF @ 24"-48" \$0.15/LF 48"+	\$252.00 Min or \$22.00 LF whichever is greater	\$74.00 + 207.00/LF	\$75.00 + \$1.00/LF	\$297.00/LF Electrical \$56.00/LF Telephone \$27.00/LF Cable
Utility Company Annual Permit	N/A	\$145.00	N/A	\$87.00	N/A	N/A

SPECIALTY & MISCELLANEOUS

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Walls & Fences	Retaining: \$430.00 Non-Retaining: \$35.00	\$49.32/hr	\$56.48/hr	CRB	\$170.00	\$15.00
News Racks/ Newsstands	CRB	\$49.32/hr	\$56.48/hr	CRB	\$170.00	As Reasonably Determined by the City Engineer
Parade	CRB	\$24.64	CRB	CRB	CRB	\$100.00 + CRB
Special Use	CRB	Christmas Tree Lots: \$49.00 Fee + \$49.00 Deposit 0-1,000 People: \$561.00 Fee + \$561.00 Deposit 1,001 People + CRB + \$561.00 Deposit	\$100.00/day	CRB	CRB + \$1,000.00 Deposit	Banner \$10.00 + CRB & Liability Insurance Duration: 40 Days
Filming	CRB	0-1 Day: \$407.42 + \$680.00 Deposit 2 Days: \$135.80 + \$680.00 Deposit 3 Days +: \$30.82 + \$680.00 Deposit	\$250.00 + Liability Insurance	Application \$300.00 Amendment \$250.00 Student Films Exempt	\$255.00 + \$59.00/day + Liability Insurance	CRB
Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Walls & Fences	CRB + Deposit 5% of Eng. Cost Est.	\$160.00 Min	\$155.00	Non-Retaining: \$153.00	\$75.00	\$52.25/hr + 4.5% Tech Fee
News Racks/ Newsstands	\$186.00 Min	\$160.00 Min	Fee: \$45.00/EA New: \$100.00/EA Re-Newel: \$43.00/EA	Permit: \$82.00 Installation: \$85.00	Fee: \$110.00/EA New: \$35.00/EA Annual: \$30.00/EA Removal & Impound: \$200.00/EA	\$52.25/hr + 4.5% Tech Fee
Parade	\$200.00	\$193.00	\$125.00	\$217.00	Processing: \$40.00	CRB
Special Use	\$200.00 + Liability Insurance	Application: \$25.00 Block Party: \$193.00	CRB	Block Party: \$87.00	Class I Based on Attendance \$40.00-\$243.00 Class II Based on Attendance \$89.00-\$777.00 Class III Based on Attendance \$23.00-\$1,056.00 Class IV Refer to Risk Manager	CRB
Filming	Film: \$961.00 Still Photography: \$192.00	CRB	\$325.00/day + CRB	\$393.00/EA	\$150.00 + \$500.00 Deposit Rental: \$30.00/hr	CRB

TRANSPORTATION

Engineering Service Type	Adelanto	Apple Valley	Barstow	Hesperia	San Bernardino Co.	Victorville
Transportation Issuance	N/A	N/A	N/A	N/A	N/A	N/A
Commercial Vehicle Parking	N/A	N/A	N/A	\$75.00	N/A	N/A
Recreational Vehicle	N/A	\$184	N/A	N/A	N/A	N/A
Oversize Load - Purple	N/A	N/A	N/A	N/A	N/A	\$5.00
Oversize Load (Green)	Single	\$16.00	\$16.00	\$16.00	\$16.00	\$5.00
	Annual	\$250.00	\$86.40	\$86.00	\$90.00	\$50
	Repetitive	N/A	\$86.40	N/A	\$90.00	N/A
By Class	Class "A": \$10.00 Class "B": 16' Wide: \$25.00 Class "C": 16'-22' Wide: \$50.00 Class "D": 22'-28' Wide: \$100.00 Class "E": 28'-40' Wide: \$250.00 Class "F": 40'+ Wide: \$300.00					
Moving	\$16.00	N/A	N/A	N/A	\$16.00	Surety Required: \$5,000 Insurance Personal Liability: \$100,000 E.A. Person Public Liability: \$300,000 Property Damage: \$100,000
Engineering Service Type	Chino Hills	Fontana	Lancaster	Moreno Valley	Palmdale	Rancho Cucamonga
Transportation Issuance	N/A	N/A	N/A	\$95.00	N/A	N/A
Commercial Vehicle Parking	N/A	N/A	N/A	\$95.00	N/A	N/A
Recreational Vehicle	\$50.00	N/A	N/A	N/A	N/A	N/A
Oversize Load - Purple	\$93.00	\$50.00	N/A	N/A	N/A	N/A
Oversize Load (Green)	Single	\$99.00/5-Trip Max	Within Limits: \$16.00 Over Limits: \$100.00	\$16.00	N/A	\$15.00
	Annual	\$93.00	\$100.00	\$86.00	N/A	\$70.00
	Repetitive	N/A	\$100.00	N/A	N/A	\$70.00 + \$15.00/Month \$160.00 Max
By Class	Temporary Type I for Lanes less than 18' Wide: \$135.00 Temporary Type II for Lanes Greater than 18' Wide: \$67.00					
Moving	\$14.00	\$100.00	N/A	N/A	Long Term within Travel of ROW: \$75.00/Week Long Term not in Travel of ROW: \$5.00/Week with a \$75.00 Min	N/A