



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: Matt Cano

SUBJECT: SEE BELOW

DATE: May 20, 2019

Approved

Date

5/22/19

SUBJECT: ACTIONS RELATED TO THE RULE 20A AND RULE 20B (IN-LIEU FEE) UNDERGROUND UTILITY PROGRAM INCLUDING APPROVAL OF THE PROGRAM WORKPLAN, RULE 20B (IN LIEU FEE) UNDERGROUNDING MASTER PLAN AND PACIFIC GAS AND ELECTRIC COMPANY'S ELECTRIC FORM 79-1127 AGREEMENT

RECOMMENDATION

- (a) Approve the proposed Fiscal Year 2018/19- 2023/24 Workplan for the Rule 20A and Rule 20B (In-Lieu Fee) Underground Utility Program.
- (b) Approve the Fiscal Year 2017-2018 Rule 20B (In-Lieu Fee) Undergrounding Master Plan.
- (c) Adopt a resolution authorizing the City Manager to execute Pacific Gas and Electric Company's "Electric Form 79-1127 Agreement to Perform Tariff Schedule Related Work, Rule 20A General Conditions" on a project-by-project basis.

OUTCOME

Approval of the proposed Fiscal Year 2018/19- 2023/24 Workplan for the Rule 20A and Rule 20B (In-Lieu Fee) Underground Utility Program and of the Fiscal Year 2017-2018 Rule 20B (In-Lieu Fee) Undergrounding Master Plan will guide Public Works staff and utility companies to program funds, assign project priorities, and establish, design and construct the proposed overhead-to-underground utility conversion projects.

Authorizing the City Manager to execute Pacific Gas and Electric Company's (PG&E) "Electric Form 79-1127 Agreement to Perform Tariff Schedule Related Work, Rule 20A General Conditions" (Tariff) on a project-by-project basis will enable the City to legislate new

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underground utility districts and PG&E to dedicate resources for the construction of two previously legislated underground utility districts, as well as, future districts.

EXECUTIVE SUMMARY

City staff recommends approval of the Report on the Rule 20A and 20B (In-Lieu Fee) Underground Utility Program which provides information pertaining to the City's utility undergrounding program and projects. In addition, the report includes the proposed Workplan that will guide Public Works staff and utility companies to program funds, assign project priorities, and establish, design and construct overhead-to-underground utility conversion projects. The Workplan reflects the Council's policy regarding undergrounding as set forth in the City's General Plan "Envision San José 2040". It also focuses on the timely delivery of projects allowing more aggressive draw-down of the City's current \$34 million Rule 20A allocation balance. Staff continues to meet with all utility companies on a quarterly basis to monitor schedules and address issues and concerns as they arise.

The Workplan was prepared based on the assumption that the City Council will authorize the City Manager to execute the Tariff on a project-by-project basis. The Tariff is an agreement the California Public Utilities Commission (CPUC) approved that defines responsibilities for both PG&E and governmental bodies (cities and counties) who want to participate in the Rule 20A program. The Tariff includes terms that may require the City to pay for project costs for which the City was not previously responsible.

The Tariff was initially approved by the CPUC in December 2010. The CPUC subsequently approved a revised version of the Tariff on August 3, 2018. (See **Attachment G.**) PG&E requires the City to enter into the Tariff in order for PG&E to proceed with legislation and construction of Rule 20A projects. Staff recommends entering into the Tariff on a project-by-project basis, identifying appropriate funding sources once project conditions are known. Potential funding sources include the Construction Excise Tax Fund, the General Purpose Parking Fund, and the General Fund.

City staff will continue to seek relief from the Tariff through the CPUC's Order Instituting Rulemaking (OIR 17-05-010) which was issued in May 2017 to evaluate the Rule 20 program and its effectiveness. City staff has already attended two workshops sponsored by the CPUC regarding OIR 17-05-010 and provided comments regarding the Tariff and other matters related to the Rule 20 program.

BACKGROUND

Three programs are used to fulfill the General Plan goal of converting overhead utilities to underground systems. These programs are described as follows:

RULE 20A PROGRAM – In 1968, the CPUC and utility companies established a program to underground utilities across the State. Under Rule 20A, PG&E allocates work credits on a calendar year basis, to convert existing overhead electrical facilities to underground electrical facilities within the communities it serves. The work credits are allocated based on a CPUC approved calculation that considers the amount of all electric meters in the City, both overhead and undergrounding PG&E's service territory. Cities and counties use Rule 20A allocations as a tool to evaluate and prioritize undergrounding projects within their respective jurisdictions. These allocations accumulate until there are sufficient credits to complete a project and/or PG&E resources are available for undergrounding projects. PG&E uses its own funds to design and construct Rule 20A projects, and once the projects are completed, the cost is recovered through incremental utility rate increases which are borne by the ratepayers.

Other CPUC rules, tariffs and legislation require AT&T to convert its facilities in a manner similar to the Rule 20A Program. Comcast also budgets its own funds for the conversion of its facilities within the districts legislated for Rule 20A funding.

The 2019 calendar year allocation of PG&E funds for the City is \$2.3 million, which is lower than the average annual allocation of \$4.2 million the City received prior to 2010. Initially, PG&E sought a reduction of the allocation from the CPUC in 2011, due to over allocation by PG&E during previous years. The annual allocation amount for San José was expected to remain at \$2.2 million until completion of PG&E's 3 - year General Rate Case in calendar year 2015. However, PG&E obtained an extension from the CPUC of the lower annual allocation amount in subsequent General Rate Cases until calendar year 2019. PG&E's stated reason for the extension request was to prevent agencies from building up excessively large allocation balances which would allow PG&E to reduce its backlog of projects. Staff anticipates that the annual allocation will return to the \$4 million level in the 2020-2021 fiscal year unless PG&E requests another extension of the reduced credit allocation.

Although the funds for this program are never actually transferred to the City for use by the City, City staff programs the money toward conversions on arterial and major collector streets as specified in the Rule 20A Tariff. The current accumulated allocation totals approximately \$34 million.

RULE 20B (IN-LIEU FEE) PROGRAM – Undergrounding may be accomplished through the City's In-Lieu Fee Program which allows the City to accumulate funds from developers to underground large aggregated projects rather than requiring developers to perform the undergrounding themselves on a project-by-project basis. This results in the more efficient use

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of engineering staff, construction crews, and utility company resources, thus lowering unit costs for design and construction. Rule 20B funds are leveraged against 20A allocations as opportunities arise to construct larger projects which provide a greater economy of scale.

Chapter 15.26 of the San José Municipal Code (Undergrounding Utility Fee Ordinance), requires that developers either: 1) pay a fee, per foot of frontage, in-lieu of performing the overhead-to-underground conversions along the street frontage where their development is occurring; or 2) as a condition of development, underground the overhead utility facilities on the street or streets adjacent to the project. For the latter option, the Undergrounding Utility Fee Ordinance allows the use of previous fee payments collected within the limits of undergrounding to partially offset developer construction costs for completing underground utility projects. Only those projects that develop adjacent to designated streets as defined in the Undergrounding Utility Fee Ordinance (streets identified in the General Plan as a "major collector or arterial" and adjacent to property which is zoned for uses other than residential, agricultural, or open space), are subject to the undergrounding in-lieu fee conditions. Fees are collected from developments on both sides of the street regardless of the side which has the actual overhead facility.

In 2009, the City Council approved an amendment to the Undergrounding Utility Fee Ordinance that allows: 1) automatic annual adjustment of the Undergrounding Utility Fee based on Engineering News Record (ENR) 20-City Average Construction Cost Index or its equivalent; 2) reimbursement to developers for completion of underground utility projects; and 3) other technical changes. Based on latest ENR data, effective January 31, 2019, the Underground Utility Fee was adjusted from \$485 to \$489 per linear foot frontage on each side of the street. The fee is intended to represent one-half of the cost to relocate overhead utilities underground. Total cost to complete undergrounding conversion projects on both sides of the street is approximately \$978 per linear foot.

This fee was established on an average actual cost from previous undergrounding projects and adjusted annually. The total fees collected for Fiscal Year 2017-2018 was \$851,000.

In-Lieu fees are programmed to be expended in areas per the In-Lieu Fee Undergrounding Master Plan. As long as these fees are committed to projects in the approved Master Plan, the fees are considered programmed and not subject to refund. The In-Lieu Fee Undergrounding Master Plan was included with the Annual Development In-Lieu Fee Report that the City Council considered and accepted on March 26, 2019. The Annual Development In-Lieu Fee Report provides an annual report on in-lieu fee program activity as required by the Mitigation Fee Act. (Government Code Section 66000 et seq.)

RULE 20C PROGRAM – In some instances, developers, neighborhood and business associations, or other agencies may pursue completing underground conversions themselves. These conversions do not meet the criteria for Rule 20A or 20B, are typically less than 600 feet long, and are coordinated directly between the utility companies and the interested party.

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UNDERGROUND UTILITY PROGRAM ACTIVITY

Since 1968, the City has legislated 140 Underground Utility Districts (UUD), of which:

- 134 projects have been completed
- 3 projects are in construction (Delmas/Park, White Road, and Tully Road UUD)
- 1 project is in design (Monterey Road)
- 2 projects are in planning. PG&E is waiting for the City's approval of the Tariff before proceeding with these projects. (Lincoln Avenue and Kirk Park)

The Rule 20A and 20B Underground Utility Programs are currently administered in accordance with the Rule 20A 2017/18 – 2022/23 Workplan approved by Council on May 1, 2018. The current status of the Rule 20A and Rule 20B programs and the implementation of the Workplan are presented in **Attachment A**.

Other attachments to this memorandum related to the Rules 20A and 20B Programs include:

- 2018/19- 2023/24 Workplan (**Attachment B**)
- Summary of Changes since the Last Report (**Attachment C**)
- Proposed Future Rule 20A Underground Utility Projects (**Attachment D**)
- Criteria for Evaluating Rule 20A & 20B (In-Lieu Fee) Underground Utility Projects (**Attachment E**).
- In-Lieu Fee Master Plan (**Attachment F**)
- PG&E's Electric Form 79-1127 Agreement to Perform Tariff Scheduled Related Work, Rule 20A General Conditions (**Attachment G**)

The Workplan provides guidance to Public Works staff regarding the establishment, design, and construction of the proposed overhead-to-underground utility conversion projects.

CPUC APPROVED TARIFF AGREEMENTS

In April 2010, PG&E presented the City with three CPUC approved agreements that were intended to "clarify" the responsibilities of the City and PG&E in construction of Rule 20A projects. PG&E took the position that it would not construct any Rule 20A projects until the agreements were signed by the City. The three agreements were for different phases of Rule 20A projects:

1. Street Light Agreement included the conversion of street lights from overhead services, relocation of street lights currently on utility poles to be removed by the Rule 20A project and payment for such relocation and conversions.
2. Electrical Panel Conversion Agreement is meant to allow PG&E to perform the conversion of private property electrical panel conversions required by the Rule 20A

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project. PG&E would use these agreements to perform the conversion of the panels for the property owners in order to avoid delays caused by property owners not performing the work in a timely manner.

3. The Tariff which identifies the work that PG&E will perform, manage and pay for (using the City's Rule 20A allocation) in relation to Rule 20A projects. The Tariff also includes terms that set forth what the City is required to pay for (with City funds) and manage in preparation and construction of Rule 20A projects.

City staff reviewed the agreements and advised PG&E in writing that the Street Light agreement was not necessary. Staff also objected to portions of the Electric Panel Conversion Agreement and Tariff on the basis that they violated certain provisions of the San José Municipal Code (SJMC). Since the Electrical Panel Conversion Agreement has similar issues as the Tariff, City staff agreed with PG&E to concentrate on working on resolving the issues on the Tariff first.

This disagreement led to years of protracted negotiations with PG&E during which the City sought to obtain reasonable terms that did not violate the SJMC. A number of other jurisdictions within PG&E's service territory including, but not limited to, the City of Cupertino and the City of Hayward, shared the same concerns with the Tariff as San José.

After additional negotiation, PG&E revised and/or removed altogether most of the objectionable Tariff terms. On August 3, 2018, the CPUC approved a revised version of the Tariff that reflected the changes initiated by the City. However, several substantive issues still remain unresolved. Amongst them are the potential that the City may have to pay for the remediation of *contaminated soil* (hazardous material) and *discovery of cultural resources* if either of these conditions are encountered during the design or construction phases of the project. This poses a financial risk for the City because the costs of remediation are unknown. The project could also be halted until remediation is completed or terminated altogether. *In order to mitigate these risks, staff intends on aggressively requiring PG&E to perform thorough site investigations during the project planning phase to ensure that these conditions are avoided.* The Tariff provides that Rule 20A funds can be used to perform preliminary investigation work through core samples which, if done, should minimize the possibility of encountering environmental issues during construction.

The other item is related to PG&E's installation of *subsurface equipment*. PG&E has made pad-mounted (aboveground) equipment (transformers and switches) its design standard for residential and non-residential applications. In the event that pad-mounted aboveground equipment cannot be installed due to field conditions, the City will not be charged the one-time maintenance fee. However, if the City requests the installation of subsurface equipment in the public right-of-way where pad-mounted equipment is feasible, the Tariff requires that the City pay an "appropriate one-time maintenance charge." The one-time maintenance charge could be up to \$30,000 for each subsurface installation depending on the type of facility. For example, the Rule 20A project that undergrounded approximately 1.5 miles of utilities around City Hall (4th Street, 5th Street, 6th

Street and 7th Street between St. John and San Fernando Streets and San Fernando and St. John Streets from 4th Street to 7th Street) would have imposed a cost to the City approximately \$630,000 if the Tariff would have been effective when the project was constructed in 2005.

During the time the City was negotiating with PG&E over Tariff terms, the CPUC commenced OIR 17-05-010, a proceeding that is supposed to completely reevaluate the Rule 20 program and its objectives. The initial scope of the Rulemaking will analyze many issues of concern for the City including, allocation of Rule 20A work credits, the appropriate uses of Rule 20A work credits, project cost overruns, program management, etc. Other issues such as use of the Rule 20 program for wildfire prevention, telecommunication costs, impacts on 5G roll out, etc. will also be examined. The City joined the Rulemaking process as a party to the proceeding. As a party to the Rulemaking City staff have provided written comments and testimony before the CPUC expressing the City's concerns and comments regarding the implementation of the Rule 20 program. This proceeding also provides the City with an opportunity to seek relief from the objectionable Tariff terms.

It is unknown how long the CPUC will need to complete its review of the program. The CPUC originally thought the process would need approximately one year to complete. The OIR 17-05-010 was started in May 2017 and has only had one public hearing and two workshops as of this date. The CPUC has still not begun the process of auditing the program which was one of the first steps identified in the process.

ANALYSIS

WORKPLAN

The proposed Workplan, shown in **Attachment B**, is based on the assumption that the City Council will authorize the City Manager to execute the Tariff on a project-by-project basis and, reflects scheduling changes resulting from reprioritization of projects to address utility company resources challenges, other jurisdiction requests and coordination with City's roadway paving projects. The proposed Workplan is presented on a fiscal year basis and summarizes program expenditures, preliminary project cost estimates, Rule 20A allocations, and Rule 20B (In-Lieu Fee) Fund balances. The proposed projects are listed in sequence of the target start dates for proposed, legislation and construction of the underground utility districts. Overall, the projects in this program are reprioritized in accordance with the Council approved criteria, available resources and focus on completing the Workplan. A summary of the changes that have occurred since the last report is presented in **Attachment C**.

The Workplan identifies the City's Utility Undergrounding projects for 5 years; as those projects are completed potential projects are added to the 5 - year Workplan. A listing of potential Rule 20A project areas are identified in **Attachment D**, and a summary of the Criteria for Evaluating

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Underground Utility Projects is presented in **Attachment E**. These criteria provide a process for the selection of projects presented in the proposed Workplan. The criteria used for evaluating underground utility projects has been developed over many years and was last updated in 2002. Among other things, the Council approved criteria requires a geographically equitable distribution (by Council District) of projects. Staff is in the process of compiling data on where undergrounding projects have been completed since the inception of the program and this program is also part of an audit on fees by the City Auditor's Office. Pending the results of the audit and/or staff's analysis of fees, staff may suggest modifications to how future projects are selected as part of, or prior to, the next annual report.

The 2019 beginning balance of accumulated Rule 20A allocations for the City is nearly \$34 million. Approximately \$1.5 million is allocated to be spent in FY 2018-2019 and \$8.1 million in FY 2020-2021. It is anticipated that the City will be drawing down an average of approximately \$5 million per year from the City's Rule 20A allocation which will be used to implement the Workplan.

A total of five previously legislated Rule 20A projects remain on the Workplan. The White Road project has been in construction since July 2018 and completion is scheduled for summer 2019. Construction of the Monterey Road project was scheduled to begin on February 2019 with completion scheduled for summer 2021. However, on January 24, 2019, PG&E advised staff that it is postponing the commencement of the Monterey Road project until March 2021, because PG&E is allocating resources to fire recovery.

The Coleman Avenue Rule 20A project, which was legislated for the proposed Coleman Avenue Road widening project, has been postponed until the proposed roadway widening project obtains funding. The remaining two legislated projects, Lincoln Avenue, and Kirk Park, (\$4.1 million of work credits) were legislated after the Tariff was first approved by the CPUC in 2010. As stated above, PG&E is unwilling to construct the projects without a signed Tariff. Following execution of the Tariff by the City and availability of PG&E resources, PG&E has indicated it will proceed with the design and construction of the Lincoln Avenue and Kirk Park Rule 20A projects.

In addition, two of the Rule 20A projects not shown on the Workplan are still in construction, Delmas/Park (in construction since October 2013), and Tully Road (in construction since November 2014) each of which require AT&T to complete their work. The Delmas/Park Rule 20A project cannot be completed until the Delmas/Park 20B has been completed which is expected to start construction summer 2019. Additional details are provided in **Attachment A**.

Historically, the City had experienced challenges in implementing the approved Workplan due to a shortfall in utility company staff resources and funding. Compounding these difficulties, the CPUC mandates that PG&E's top priority be the maintenance of system reliability without compromising safety. The CPUC has taken the position that Rule 20A utility undergrounding services for existing customers is secondary to storm and heat related repairs, general system

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maintenance, electrical connections for new customers and system upgrades to improve capacity. In addition, unforeseen circumstances such as weather-related emergencies and the resources necessary to address deficiencies in the high pressure gas transmission program may divert utility company resources and delay Rule 20A projects.

To monitor schedule and ensure timely delivery of projects, staff continues to meet with utility companies regularly to address issues and concerns as they arise. To date, utility companies are collaborating with the City and with each other to maintain the agreed upon schedules with the resources available. One of the challenges has been coordinating all three major utility companies' internal approval processes and timelines. Each utility company has various stages of internal review, design approval, construction, and funding allocation. To streamline and simplify the process, staff worked closely with these companies and developed a Best Practices guideline.

PG&E BANKRUPTCY

Aside from the challenges presented above, the proposed Workplan is designed to draw down the accumulated and future Rule 20A allocations in an effort to maximize the number of undergrounding projects that can be delivered. The Workplan does not reflect any consequences of PG&E's bankruptcy due to the fact that PG&E is still working through the legal process. PG&E has told Public Works staff that it will have a better sense of any impacts sometime in September 2019. Staff will provide an update to the Council once PG&E can provide a thorough evaluation of the bankruptcy and effects on the Rule 20A program. While PG&E has not indicated that the Rule 20A program will be affected, historically, the program was temporarily halted in 2001 during the previous PG&E bankruptcy process that ended in 2004. The City constructed Rule 20B projects during the temporary halting of the Rule 20A program.

CITY APPROVAL OF THE TARIFF

Although there are issues of concern with the Tariff namely, hazardous materials, cultural resources and one-time maintenance cost for subsurface utilities, staff recommends that the City Council authorize the City Manager to execute the Tariff. There are several reasons for making this recommendation. The most important reason is that without the Tariff, PG&E will not construct the City's previously legislated projects, nor will it proceed with any new undergrounding projects which will cause an indefinite delay on the Workplan. Upon signing the Tariff, PG&E can begin designing the Lincoln Avenue and Kirk Park projects, subject to PG&E resource availability, and the City can also begin legislating new districts. Additionally, staff believes there are ways to manage the issues of concerns during the planning phase of the projects which can reduce possible financial impacts to the City.

For the first two items of concern, the Tariff states that Rule 20A funds can be used to perform core sampling. This means that PG&E can pothole along the proposed trench alignment to

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obtain soil samples for hazardous materials and perform detailed research of known and possible locations of cultural resources. If hazardous materials are encountered during the planning phase, PG&E will first attempt to design the project to avoid the contaminated area(s), if possible. If avoiding the area is not possible, the City may try to identify the person responsible for the hazardous materials and attempt to have that person pay for remediation prior to construction. Similarly, PG&E could design the trench route to avoid cultural resource areas.

With respect to the one-time maintenance fee, staff and PG&E will determine if the aboveground facility cannot be installed due to field conditions. In this case, PG&E would have to install the facility subsurface at no cost to the City. Alternatively, PG&E may be able to acquire easements outside of the public right-of-way where the aboveground equipment could be placed. Another option would be to allow pad-mounted equipment, in the public right-of-way, if acceptable to the community. Lastly, the City could find funding to pay for the one-time maintenance fee and install the PG&E facility subsurface.

By providing the City Manager with authority to enter into the Tariff on a project-by-project basis, staff can analyze the project in the context of the Tariff. This will allow staff to evaluate whether or not there are excessive or unreasonable financial risks to the City for the particular project, and if so, staff can determine whether the City should proceed with the project or not. If the potential costs are too high, the City can elect to do another project on the Workplan. The City can also continue its work through the CPUC OIR process to try and obtain more favorable conditions in the Tariff without holding up the construction of legislated projects or legislating new Rule 20A projects. In the past 18 years, PG&E has encountered hazardous materials three times and cultural resources once during 20A projects.

In the event that staff is unable to avoid paying costs for the issues of concern through these measures, the City will need to identify funding for these items in order to complete the project(s).

FISCAL YEAR 2017-2018 RULE 20B (IN-LIEU FEE) MASTER PLAN

The following information is included in **Attachment F**, FY 17-18 Rule 20B (In-Lieu Fee) Undergrounding Master Plan:

- The fee estimate and fees collected to date for each of the underground utility projects;
- An identification of each underground utility projects on which fees were expended and the amount of the expenditures on each project (including the total percentage of the cost of the project that was funded with in-lieu fees).

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The Mitigation Fee Act (Government Code Section 66000 *et seq.*) requires public agencies to account for and make findings regarding fees collected by an agency as a condition of development approval. The law also requires that the agency annually review and make available to the public a report accounting for the development fees held by the agency.

In-lieu fees are programmed to be expended in these areas as shown in **Attachment F** FY 17-18 Rule 20B (In-Lieu Fee) Undergrounding Master Plan as required by the Mitigation Fee Act. As long as these fees are committed to projects in the approved Master Plan, they are considered non-refundable. This program is reported annually and was submitted to the City Council for review on March 26, 2019 as part of the Fiscal Year 2017-2018 Annual Development in Lieu Fee Report.

EVALUATION AND FOLLOW-UP

Staff will report on the outcome of the CPUC OIR and PG&E bankruptcy.

POLICY ALTERNATIVES

Alternative #1: Accept the Tariff as is and proceed with underground projects without objection.

Pros: The City could legislate new underground districts. Provide PG&E the signed Tariff so PG&E can dedicate resources to design and construct the remaining legislated and new underground districts.

Cons: The City could have problems funding any of the three items of concern in the Tariff. This may impact the actual construction of the projects whereas projects cannot be completed or are postponed until funding becomes available.

Reason for not recommending: If the City does not continue to object to the Tariff the unknown costs related to the Tariff could impact the City resources. Also, the additional costs may impact the ability to keep constructing projects on the Workplan. Lack of funding could also impact the ability to keep the right-of-way free from aboveground structures which would impact the walkability of the City.

Alternative #2: Do not sign the Tariff and continue to use the CPUC OIR as a method to seek better terms for the three items in question in the Tariff.

Pros: The City could avoid additional responsibilities and possible additional costs.

Cons: The two legislated districts would be delayed from starting design and construction and prevent the City from legislating new underground districts.

Reason for not recommending: The City would experience additional delays on the construction of the existing legislated projects and prevent the City from legislating new districts thus postponing work on the Workplan.

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PUBLIC OUTREACH

This memorandum will be posted on the City's website for the June 4, 2019, Council agenda.

COORDINATION

This report has been coordinated with the Departments of Transportation and Planning, Building and Code Enforcement, the City Attorney's Office and the City Manager's Budget Office. The Workplan has been coordinated with PG&E, AT&T and Comcast.

COMMISSION RECOMMENDATION/INPUT

No commission recommendation or input is associated with this action.

COST SUMMARY/IMPLICATIONS

RULE 20A PROGRAM - The cost of the overhead-to-underground conversion of PG&E facilities in the public right-of-way within underground utility districts is funded through the PG&E Rule 20A allocation to the City. It includes up to \$1,500 per service entrance for private service panel conversions. The total cost for conversion work varies project-by-project. Other utility companies underground their facilities at their own cost.

The administrative costs of the Rule 20A program have been funded by In-Lieu fees since FY 2003-2004 and staff recommends the continued use of In-Lieu Fee Funds, averaging approximately \$300,000 over the next five years to support the administration of the Rule 20A program.

Additionally, the City is responsible for the conversion of its facilities within the Rule 20A underground utility districts, including streetlights, traffic signals, and other City facilities in the public right of way. Funding for the conversion of City facilities is budgeted in the 5-year Traffic CIP Program at \$380,000 for the current fiscal year, \$200,000 for Fiscal Year 2019-20 and \$200,000 annually for the remaining two years then decreasing to \$100,000 in Fiscal Year 2022-2023.

The cost associated with items listed on the Tariff is unknown and there is no funding identified at this time for the cost. The cost for managing hazardous materials is dependent on the amount of hazardous material found and the severity of the contamination. If cultural resources are found within the project area, costs would vary based upon the type of resources found. The one-time maintenance cost can vary, up to \$30,000, per each type of equipment the City requests

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to be placed subsurface. The type of equipment varies by location and these costs can be determined after completion of the design phase for each individual project. While the type of funding source would vary based on the project delivered, potential sources include the Construction Excise Tax Fund, the General Purpose Parking Fund, and the General Fund.

RULE 20B (IN-LIEU FEE) PROGRAM – The cost for the undergrounding of utilities is funded through the In-Lieu Underground Utility Fund. In addition, staff estimates a funding need of approximately \$20,000 for private service conversions, or \$1,500 per service entrance from funds typically used for Public Works non-personal/equipment.

CEQA

Not a Project, File No. PP17-009, Staff Reports, Assessments, Annual Reports, and Informational Memos that involve no approvals of any City action.

/s/

MATT CANO

Director of Public Works

For questions please contact Michael O'Connell, Deputy Director, at (408) 535-8300.

Attachments

STATUS OF THE 2017/18 - 2022/23 RULE 20A & RULE 20B (IN-LIEU FEE) WORKPLAN

1. RULE 20A UNDERGROUND UTILITY PROGRAM

Delmas/Park Rule 20A/B UUD (In Construction): This project was legislated in February 2008 and is being funded by Rule 20A and Rule 20B (In-Lieu Fee) funds. PG&E is lead on the Rule 20A portion of the project. In coordination with the City's Bike Lane Project on San Fernando Street, PG&E installed the substructure in advance of the City's project in November 2013. PG&E completed the installation of the substructure in December 2014. A fiber company has installed facilities near Cahill Park and is currently working to underground those facilities. The utility poles in the park are expected to be removed by spring 2019. Pole removal along West San Fernando will be completed after the completion of the Rule 20B portion of the work.

The City is the lead on the Rule 20B portion of the project. Due to right-of-way issues, possible widening of Park Ave, congested right of way with existing utilities and resource issues with PG&E, the Rule 20B portion of the project was delayed and is tentatively scheduled to start construction in summer 2018. The City has attempted to obtain an easement along Delmas Avenue and was unsuccessful, therefore the Delmas Avenue portion of the project has been removed. However, overhead utilities along Delmas Avenue will be undergrounded as part of a new development. Currently, the City is finalizing design with PG&E and coordinating with VTA to obtain proper permits for the work along San Fernando east of Delmas Avenue. The project is expected to be in construction fall 2019.

Coleman Avenue Rule 20A UUD: This project is being developed in close coordination with the Coleman Avenue Widening Project and the Autumn Street Extension Project. PG&E and City staff agreed to split this project into two phases to accommodate two projects: State of California's Family Courthouse and potential widening of Coleman Avenue.

Phase I (Completed):

The Phase I project is located along Devine Street, between San Pedro and 1st Streets and along Market Street, between Julian and St. James Streets. This phase of the project was constructed independently from the Phase II project in coordination with State of California's Family Courthouse.. The City coordinated the design of the undergrounding with the State's construction schedule to minimize impact on both projects and traffic. This phase of the project was completed February 2016.

Phase II (On Hold):

The Phase II project is located on Coleman Avenue, from Hedding to Empire Streets. This phase of the project cannot begin design until rights of way for the widening of Coleman Avenue have been obtained and a preliminary design for the widening is available. The rights of way and preliminary design of the roadway will minimize any potential

relocations or changes in grade for the equipment installed by the undergrounding. The start of construction for Phase II cannot be determined until the City obtains the rights of way necessary for the widening.

Aborn Road Rule 20A UUD (In Construction): This project was legislated in October 2008 to complement the remodeled Evergreen Branch Library and remove isolated areas of overhead wires and poles between Pumpherstons Way and White Road. The project started construction August 2014 and was completed in March 2019 by AT&T and Comcast.

Tully Road Rule 20A UUD (In Construction): This project was legislated May 2009 to complement the Tully Road Ball Field and Community Center. The project is along Tully Road, from Kenoga to 720 feet west of Senter Road and Senter Road, from Parrott and 170 feet south of Tully Road. The project began construction November 2014 and is expected to be completed summer 2019. AT&T is the only utility company still working on the project due to availability of AT&T's resources for the project.

Monterey Road Rule 20A UUD (In Design): This project was legislated in May 1989. The project is located on Monterey Road from Willow Road to Curtner Avenue including Cadwaller Plaza. The project is in design and investigating the location of existing utilities to find a clear path for the trenches and substructure. It was expected to start construction in winter 2019, but due to PG&E resources being devoted to fire recovery from last summers wildfires, the start has been postponed until spring 2021.

White Road Rule 20A UUD (In Design): This project was legislated in September 2008 to complement the Dr. Roberto Cruz Branch Library. The project will underground White Road from Rose Avenue to 150 feet north of Alum Rock Avenue. PG&E started construction on the project in July 2018. PG&E has completed installing all substructures. Both AT&T and Comcast are scheduled to complete installation of equipment and wires in the substructure and the project is expected to complete by end of summer 2019.

Almaden Road Rule 20A UUD (Scoping): This proposed project will be legislated September 2018, assuming an agreement can be reached on the General Conditions for this particular project, in coordination with the County of Santa Clara's Utility District No. 22 along Almaden Expressway. This proposed project will underground Almaden Road, from Mesa Drive to Via Monte and Coleman Road, from Almaden Expressway to Alamos Creek. The County will underground the remaining poles along Almaden Expressway, from Via Monte to Coleman Road. Right of way issues have delayed the legislation of this project.

2. RULE 20B (IN-LIEU FEE) UNDERGROUND UTILITY PROGRAM

Fruitdale Avenue UUD – This UUD was legislated in 1996. Design and construction of this project has been postponed because of uncertainty with the adjacent development project.

Delmas/Park Rule 20A/B UUD – See Above

**RULE 20A and RULE 20B (IN-LIEU FEE)
UNDERGROUND UTILITY PROGRAM
2018/19 - 2023/2024 WORKPLAN**

PROPOSED PROJECT	TYPE OF PROJECT	COUNCIL DISTRICT	ADOPTED OR PROPOSED LEGISLATION DATE	CONSTRUCTION START	IN-LIEU-FEE PROGRAM EXPENDITURES (Estimated)	RULE 20A PROGRAM EXPENDITURES (Estimated)
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FY 2018/2019

BEGINNING FUND BALANCE/RULE 20A ALLOCATION					\$7,926,093	\$29,349,841
REVENUE(ANTICIPATED)/RULE 20A ALLOCATION					\$560,000	\$2,286,352
ANTICIPATED REVENUE - INTEREST INCOME					\$46,000	
2018/2019 ANTICIPATED REVENUE-PG&E/PRIVATE SERVICE CONVERSION					\$20,000	
2018/2019 ANTICIPATED EXPENDITURE-PG&E/PRIVATE SERVICE CONVERSION					(\$20,000)	
PROJECTS:						
WHITE ROAD at Alum Rock Avenue (Alum Rock Library) (In Construction)	20A	5	9/5/08	Jul-18		(\$1,500,000)
Anticipated In-Lieu Fee Undergrounding Utility Reimbursement & Design	20B	CW			(250,000)	
PROGRAM ADMINISTRATION (In-Lieu Fee-Rule 20B)					(\$84,000)	
PROGRAM ADMINISTRATION (Rule 20A)					(\$300,000)	
PUBLIC WORKS CAPITAL MANAGEMENT COSTS					(\$64,000)	
TRANSFER TO CITY HALL DEBT SERVICE FUND					(\$11,000)	
SUBTOTAL (EXPENDITURES)					(\$729,000)	(\$1,500,000)
ENDING FUND BALANCE					\$7,813,093	\$30,136,193

FY 2019/2020

BEGINNING FUND BALANCE/RULE 20A ALLOCATION					\$7,813,093	\$30,136,193
REVENUE(ANTICIPATED)/RULE 20A ALLOCATION					\$600,000	\$2,290,519
ANTICIPATED REVENUE - INTEREST INCOME					\$30,000	
2019/2020 ANTICIPATED REVENUE-PG&E/PRIVATE SERVICE CONVERSION						
2019/2020 ANTICIPATED EXPENDITURE-PG&E/PRIVATE SERVICE CONVERSION						
PROJECTS:						
DELMAS/PARK 20B: Delmas, San Fernando, & Park Ave (In Design)	20B	3	2/29/08	Oct-19	(\$1,760,000)	
Anticipated In-Lieu Fee Undergrounding Utility Reimbursement & Design	20B	CW			(250,000)	
PROGRAM ADMINISTRATION (In-Lieu Fee-Rule 20B)					(\$84,000)	
PROGRAM ADMINISTRATION (Rule 20A)					(\$250,000)	
PUBLIC WORKS CAPITAL MANAGEMENT COSTS					(\$67,000)	
TRANSFER TO CITY HALL DEBT SERVICE FUND					(\$14,000)	
SUBTOTAL (EXPENDITURES)					(\$2,415,000)	
ENDING FUND BALANCE					\$6,028,093	\$32,426,712

FY 2020/2021

BEGINNING FUND BALANCE/RULE 20A ALLOCATION					\$6,028,093	\$32,426,712
REVENUE(ANTICIPATED)/RULE 20A ALLOCATION					\$660,000	\$4,400,000
ANTICIPATED REVENUE - INTEREST INCOME					\$32,000	
2020/2021 ANTICIPATED REVENUE-PG&E/PRIVATE SERVICE CONVERSION						
2020/2021 ANTICIPATED EXPENDITURE-PG&E/PRIVATE SERVICE CONVERSION						
PROJECTS:						
MONTEREY RD. - Willow to Curtner, Inc. Cadwaller Plaza (In Design)	20A	3,7	7/28/89	Mar-21		(\$6,000,000)
LINCOLN AVENUE - San Carlos to Coe	20A	6	7/23/10	Jun-21		(\$2,100,000)
McKEE ROAD - Jackson to Jose Figueres	20B	5	1/23/18	Jun-20	(\$1,125,000)	
Anticipated In-Lieu Fee Undergrounding Utility Reimbursement & Design	20B	CW			(250,000)	
PROGRAM ADMINISTRATION (In-Lieu Fee-Rule 20B)					(\$87,000)	
PROGRAM ADMINISTRATION (Rule 20A)					(\$270,000)	
PUBLIC WORKS CAPITAL MANAGEMENT COSTS					(\$70,000)	
TRANSFER TO CITY HALL DEBT SERVICE FUND					(\$14,000)	
SUBTOTAL (EXPENDITURES)					(\$1,816,000)	(\$8,100,000)
ENDING FUND BALANCE					\$4,894,093	\$28,726,712

**RULE 20A and RULE 20B (IN-LIEU FEE)
UNDERGROUND UTILITY PROGRAM
2018/19 - 2023/2024 WORKPLAN**

PROPOSED PROJECT	TYPE OF PROJECT	COUNCIL DISTRICT	ADOPTED OR PROPOSED LEGISLATION DATE	CONSTRUCTION START	IN-LIEU FEE PROGRAM EXPENDITURES (Estimated)	RULE 20A PROGRAM EXPENDITURES (Estimated)
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FY 2021/2022

BEGINNING FUND BALANCE/RULE 20A ALLOCATION					\$4,894,093	\$28,726,712
REVENUE(ANTICIPATED)/RULE 20A ALLOCATION					\$700,000	\$4,400,000
ANTICIPATED REVENUE - INTEREST INCOME					\$35,000	
2021/2022 ANTICIPATED REVENUE-PG&E/PRIVATE SERVICE CONVERSION					\$193,000	
2021/2022 ANTICIPATED EXPENDITURE-PG&E/PRIVATE SERVICE CONVERSION					(\$193,000)	
PROJECTS:						
KIRK PARK, Foxworthy - Yucca to Briarwood	20A	9	01/25/11	Sep-21		(\$2,000,000)
ALMADEN ROAD, ALMADEN RD-Mesa to Via Monte, COLEMAN RD-Almaden Expwy to Alamitos Creek	20A	9	Sep-19	Jun-22		(\$1,200,000)
DeAnza Blvd - Rainbow to Prospect	20A	1	Nov-19	Jun-22		(\$2,000,000)
MERIDIAN AVENUE - Park to Auzerais	20B	6	Feb-20	May-22	(\$1,300,000)	
Anticipated In-Lieu Fee Undergrouding Utility Reimbursement & Design	20B	CW			(250,000)	
PROGRAM ADMINISTRATION (In-Lieu Fee-Rule 20B)					(\$90,000)	
PROGRAM ADMINISTRATION (Rule 20A)					(\$320,000)	
PUBLIC WORKS CAPITAL MANAGEMENT COSTS					(\$73,000)	
TRANSFER TO CITY HALL DEBT SERVICE FUND					(\$14,000)	
SUBTOTAL (EXPENDITURES)					(\$2,240,000)	(\$5,200,000)
ENDING FUND BALANCE					\$3,582,093	\$27,926,712

FY 2022/2023

BEGINNING FUND BALANCE/RULE 20A ALLOCATION					\$3,582,093	\$27,926,712
REVENUE(ANTICIPATED)/RULE 20A ALLOCATION					\$750,000	\$4,400,000
ANTICIPATED REVENUE - INTEREST INCOME					\$37,000	
2022/2023 ANTICIPATED REVENUE-PG&E/PRIVATE SERVICE CONVERSION					\$20,000	
2022/2023 ANTICIPATED EXPENDITURE-PG&E/PRIVATE SERVICE CONVERSION					(\$20,000)	
PROJECTS:						
CROPLEY/MORILL - Cropley - I-680 to Treewood Ln, Morill - Junewood to Tobin	20A	4	Jan-20	Jan-23		(\$2,200,000)
NORTH 4TH ST - St. John St to St. James St, and JULIAN ST, 4th St to 2nd St.	20A	3	Oct-19	May-23		(\$2,700,000)
NORTH 5TH ST, St. John Street to Japan Town	20A	3	Oct-19	May-23		(\$2,500,000)
PEARL/HILLSDALE - Capitol to Hillsdale to Summer Creek	20B	6	Mar-21	Apr-23	(\$1,800,000)	
Anticipated In-Lieu Fee Undergrouding Utility Reimbursement & Design	20B	CW			(250,000)	
PROGRAM ADMINISTRATION (In-Lieu Fee-Rule 20B)					(\$92,000)	
PROGRAM ADMINISTRATION (Rule 20A)					(\$340,000)	
PUBLIC WORKS CAPITAL MANAGEMENT COSTS					(\$76,000)	
TRANSFER TO CITY HALL DEBT SERVICE FUND					(\$14,000)	
SUBTOTAL (EXPENDITURES)					(\$2,592,000)	(\$7,400,000)
ENDING FUND BALANCE					\$1,797,093	\$24,926,712

FY 2023/2024

BEGINNING FUND BALANCE/RULE 20A ALLOCATION					\$1,797,093	\$24,926,712
REVENUE(ANTICIPATED)/RULE 20A ALLOCATION					\$800,000	\$4,400,000
ANTICIPATED REVENUE - INTEREST INCOME					\$39,000	
2023/2024 ANTICIPATED REVENUE-PG&E/PRIVATE SERVICE CONVERSION					\$20,000	
2023/2024 ANTICIPATED EXPENDITURE-PG&E/PRIVATE SERVICE CONVERSION					(\$20,000)	
PROJECTS:						
MINNESOTA AVE. - Lincoln to Iris	20A	6	Sep-19	Jun-23		(\$2,000,000)
BLOSSOM HILL, SNELL AVE - Judith to Snell, Giuffrida to Cheyenne	20A	2	Dec-18	Jun-24		(\$2,700,000)
MUNICIPAL GOLF COURSE - Lundy/Old Oakland Rd./Murphy	20A	4	May-20	Jun-24		(\$2,000,000)
Anticipated In-Lieu Fee Undergrouding Utility Reimbursement & Design	20B	CW			(200,000)	
PROGRAM ADMINISTRATION (In-Lieu Fee-Rule 20B)					(\$95,000)	
PROGRAM ADMINISTRATION (Rule 20A)					(\$350,000)	
PUBLIC WORKS CAPITAL MANAGEMENT COSTS					(\$79,000)	
TRANSFER TO CITY HALL DEBT SERVICE FUND					(\$14,000)	
SUBTOTAL (EXPENDITURES)					(\$758,000)	(\$6,700,000)
ENDING FUND BALANCE					\$1,898,093	\$22,626,712

**RULE 20A and RULE 20B (IN-LIEU FEE)
UNDERGROUND UTILITY PROGRAM
2018/19 - 2023/2024 WORKPLAN**

PROPOSED PROJECT	TYPE OF PROJECT	COUNCIL DISTRICT	ADOPTED OR PROPOSED LEGISLATION DATE	CONSTRUCTION START	IN-LIEU FEE PROGRAM EXPENDITURES (Estimated)	RULE 20A PROGRAM EXPENDITURES (Estimated)
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DEFERRED PROPOSED PROJECTS

GROSBECK PARK, Klien Rd. - Grosbeck Hill to Norwood	20A	8				(\$1,700,000)
McABEE ROAD - Camden to Juil-Lynn	20A	10				(\$1,700,000)
N. First St/N. Taylor St-Nortech Pkwy to Liberty St, Liberty St to El Dorado St	20A	4				(\$2,800,000)
COLEMAN - Phase II (Hedding to Autumn)	20A	3				(\$3,200,000)
White Road/Quimby - Capitol Expwy to Ruby Ave, White Rd to D'Amico Dr	20A	8				(\$3,000,000)
MONTGOMERY ST - Santa Clara Street to Park Avenue	20A	3				(\$1,500,000)
PROSPECT ROAD - Saratoga to De Anza	20A	1				(\$2,500,000)
LOS GATOS/ALMADEN ROAD - Union to Warwick	20B	9			(\$950,000)	
CANOAS GARDEN, Almaden to Masonic	20B	6			(\$750,000)	
LUNDY AVE - Murphy to Old Hostetter	20B	4			(\$800,000)	
JULIAN STREET, The Alameda to Cinnabar	20B	6			(\$800,000)	

Notes:

1. Construction of Rule 20A Undergrounding projects are funded by utility companies.
2. Rule 20A Program administration cost is borne by the City.

**RULE 20A AND 20B (IN-LIEU FEE) UNDERGROUND UTILITY PROGRAM
SUMMARY OF CHANGES SINCE LAST REPORT**

ATTACHMENT C

PROJECT	TYPE OF PROJECT	COUNCIL DISTRICT	2017/18-2022/23 WORKPLAN (approved by Council in 2017)		2018/19 - 2023/24 WORKPLAN (PROPOSED)		REASON FOR CHANGE (SEE NOTES)
			LEGISLATION ADOPTION DATE	CONSTRUCTION START	LEGISLATION ADOPTION DATE	CONSTRUCTION START	
ABORN ROAD - Pumpherstons Wy to White Rd (Evergreen Library)(In Construction)	20A	8	Legislated	In Construction	Legislated	Completed	K
ALMADEN ROAD - Almaden Rd. - Mesa to Vista Montana, Coleman Rd. -Almaden Expwy to Alamos Creek	20A	9	2019	2021	2019	2022	J
BLOSSOM HILL, SNELL AVE - Judith to Snell, Gluffrida to Cheyenne	20A	2	2018	2022	2019	2024	D
CAMDEN AVENUE, Bascom to Leigh (In Construction)	20A	9	Legislated	Completed	Legislated	Completed	
CANOAS GARDEN, Almaden to Masonic	20B	6					G
COLEMAN AVENUE - Phase II, Hedding St to Autumn St	20A	3	Legislated	2023	Legislated		B
CROPLEY/MORILL, Cropley - I680 to Treewood Ln, Morill - Junewood to Tobin	20A	4	2020	2021	2020	2023	D
De ANZA BLVD. - Rainbow to Prospect	20A	1	2018	2021	2019	2022	D
DELMAS/PARK 20A: Delmas, San Fernando, Cahill, Auzerais & Park Ave	20A	3	Legislated	In Construction	Legislated	In Construction	H
DELMAS/PARK 20B: Delmas, San Fernando, & Park Ave	20B	3	Legislated	2019	Legislated	2020	A, H
GROSBECK PARK, Klien Rd. - Grosbeck Hill to Norwood	20A	8	2020	2022			D
JULIAN STREET, The Alameda to Cinnabar	20B	6					G
KIRK PARK, Foxworthy - Yucca to Briarwood	20A	9	Legislated	2020	Legislated	2022	D
LINCOLN AVENUE - San Carlos to Coe	20A	6	Legislated	2020	Legislated	2021	F, D
LOS GATOS/ALMADEN ROAD - Union to Warwick	20B	9					G
LUNDY AVE - Murphy to Old Hostetter	20B	4					G
McABEE ROAD - Camden to Juli-Lynn	20A	10	2020	2022			D
McKEE ROAD - Jackson to Jose Figueres	20B	5	Legislated	2020	Legislated	2021	A
MERIDIAN AVENUE - Park to Auzerais	20B	6	2020	2022	2020	2022	G
MINNESOTA AVE. - Lincoln to Iris	20A	6	2018	2021	2019	2024	D
MONTEREY RD. - Willow to Curtner, inc. Cadwaller Plaza	20A	3, 7	Legislated	2019	Legislated	2021	A
Montgomery Street - Santa Clara Street to Park Avenue	20A	3	2021	2023			F, D
MUNICIPAL GOLF COURSE - Lundy/Old Oakland Rd./Murphy	20A	4	2020	2022	2020	2024	D
North 1st St./N. Taylor St-Nortech Pkwy to Liberty St to El Dorado St.	20A	4	2020	2022			D
NORTH 4TH ST - St. John St to St. James St, and JULIAN ST, 4th St to 2nd St.	20A	3	2018	2021	2019	2023	F, D
North 5th Street, St. John Street to Japan Town	20A	3	2018	2021	2019	2023	F, D
PARK/NAGLEE - Park, Naglee to Shasta & Naglee, Park to Bascom	20A	6	Legislated	In Construction	Legislated	Completed	
PEARL/HILLSDALE - Capitol to Hillsdale to Summer Creek	20B	6	2021	2023	2021	2023	G
PROSPECT ROAD - Saratoga to De Anza	20A	1	2021	2023			I
TULLY ROAD, Kenoga Dr to Senter Rd	20A	7	Legislated	In Construction	Legislated	In Construction	
VASONA LRT: FRUITDALE AVENUE - Southwest to Meridian	20B	6	Legislated		Legislated		E
WHITE ROAD at Alum Rock Avenue	20A	5	Legislated	2018	Legislated	In Construction	K
White Road/Quimby - Capitol Expwy to Ruby Ave, White Rd to D'Amico Dr	20A	8	2020	2022			D

BOLD PRINT indicates changes since last report.

RULE 20A AND 20B (IN-LIEU FEE) UNDERGROUND UTILITY PROGRAM
SUMMARY OF CHANGES SINCE LAST REPORT

ATTACHMENT C

			2017/18-2022/23 WORKPLAN (approved by Council in 2017)		2018/19 - 2023/24 WORKPLAN (PROPOSED)		REASON FOR CHANGE (SEE NOTES)
PROJECT	TYPE OF PROJECT	COUNCIL DISTRICT	LEGISLATION ADOPTION DATE	CONSTRUCTION START	LEGISLATION ADOPTION DATE	CONSTRUCTION START	

NOTE: REASON FOR CHANGES

- A. Project in design
- B. Project in coordination with proposed Coleman Avenue widening project. The UG project will proceed once the ultimate right-of-way is established.
- C. Project in coordination with the new courthouse on Market St and Devine St.
- D. Work plan reflects rescheduled estimated target dates which are subject to approval of PG&E's Agreement to Perform Tariff Schedule Related Work, Rule 20A General Conditions.
- E. Within the limits of the project, a section of overhead utility lines has been undergrounded. Project will be re-prioritized once remaining fees have been collected.
- F. Project complements DOT projects.
- G. Rule 20B projects re-prioritized because of lower revenue predictions. Funding will be evaluated on yearly basis and projects will be re-prioritized accordingly.
- H. Project was legislated as combination Rule 20A and 20B project. However, design and construction responsibilities are being split between PG&E and City. PG&E has completed the Rule 20A portion of the project and AT&T can complete when the City constructs the Rule 20B portion of the project.
- I. Prospect Road is within two jurisdictions. City of Saratoga is currently not interested in proceeding with this project.
- J. Project is in coordination with County of Santa Clara
- K. Complement City Facility (Park, Library, Community Center)

**AREAS IDENTIFIED FOR CONSIDERATION AS
FUTURE RULE 20A UNDERGROUND UTILITY PROJECTS**

PROPOSED PROJECT AREA

These proposed projects will replace existing projects on the 5-Year Workplan as projects are completed.

1. COUNCIL MEMBER REQUESTS

- White Road, McKee Road to Eastside Drive
- White Road, Park Lane to Ocala/Martin Avenue

2. GREATER DOWNTOWN PRIORITY AREAS

- Post St. - Almaden Blvd. to San Pedro - Almaden Ave. - Post St. to Santa Clara
- St. John - Almaden Blvd. to Terrainne/Almaden Ave.; Almaden Ave./ Terraine St.; - Carlysle to St. James
- St. John - Montgomery. to 87; Almaden Blvd. - Julian St. to Carysle St.
- Autumn Ave. - Julian to St. John; Montgomery – Julian to Cinnebar
- Julian & St James - 4th to 7th St. ; Sixth and Seventh – Santa Clara to Julian
- Stockton Ave. - Santa Clara to Julian St; Julian St. – Stockton to Montgomery St.
- St. Teresa – Coleman to Ryland; Ryland – St Teresa to North San Pedro
- San Salvador - 4th St. to 10th St.
- Stockton Ave. – Julian to Taylor; Taylor – Stockton to Coleman Ave.; Montgomery – Julian to Cinnebar
- Julian/St. James - Notre Dame to 1st St. (Rule 20C project were to be funded by the former Agency and housing developers)
- St. James to Basset - 87 to San Pedro (Rule 20C project were to be funded by the former Agency and housing developers)
- Grant St – Autumn Ave. to Locus St.
- N. 2nd Street – Jackson St to Bassett, N. 3rd Street – Jackson to St. James Streets, N. 4th Street – Taylor to Julian Streets, E. Julian Street – 4th to 7th Streets, E. St. James Street – 4th to 7th Streets. (Hensley District)

NEIGHBORHOOD BUSINESS DISTRICT PRIORITY AREAS AND OFFICE OF ECONOMIC DEVELOPMENT

- Willow Street, South Almaden Ave. to Highway 87
- King Road, Beverly Blvd. to E. San Fernando St.

3. CITIZEN REQUESTS

- Meridian Ave., Fruitdale to Hamilton, extend to Lenn.

- White Road/Quimby
- Branham Lane east of Camden Ave.
- Story Road from King to McLaughlin
- San Felipe from Silver Creek to Villages Parkway
- Cross Creek Road from Crossless to Silver Creek Road
- Meridian from San Carlos to Parkmoor.
- Race Street from The Alameda to Auzeais Street
- Minnesota Street from Lincoln Avenue to Route 87.
- Harwood Road, Gemini Dr. to Little Branham Lane
- Piedmont Road, Sierra Road to Flanders Drive.

4. SOUTH CAMPUS NEIGHBORHOOD: – Streets requested for consideration by the Planning Department on behalf of the South Campus Neighborhood Revitalization Plan Advisory Group and the residents of the area. Streets requested are as follows:

- Reed Street, 2nd St. to 4th St.
- William Street, 2nd St. to William Street Park
- 7th Street, I-280 to SJSU Campus
- 10th & 11th Streets, I-280 to E. Santa Clara Street

5. PROJECTS THAT WILL COMPLEMENT CIP PROJECTS - Streets requested by the Department of Transportation that will complement CIP projects. Streets/area requested as follows:

- Taylor Street - Guadalupe Gardens to Japantown (coordinate with Taylor/First project and close gap between other undergrounding projects on Taylor) (Completed as part of Jackson/Taylor and Guadalupe Gardens Rule 20A/B project)
- Julian/St. James Couplet Corridor - remove conflicts from signal conversions
- 5th Street Corridor - create attractive pedestrian corridor from SJSU/City Hall to Japantown (relates to HIP grant)
- 3rd/4th Street Couplet Corridor - enhance Hensley Historic District
- Hamilton Avenue between Meridian Ave. and Hamilton Way
- Empire/Hensley - 2nd St. to 4th St.; Second, Third and Fourth Streets – Railroad tracks to Empire
- St. John Street Phase I– Market Street to Guadalupe River.
- St. John Street Phase II – Guadalupe River to Montgomery Street.

**SUMMARY OF CRITERIA FOR EVALUATING
UNDERGROUND UTILITY PROJECTS**

RULE 20A UNDERGROUNDING UTILITY PROJECTS

Approved by CPUC, 1968, revised 2002.

The governing body of the City or County in which such electric facility are and will be located has determined, after consultation with the Utility and after holding public hearings on the subject, that such undergrounding is in the public interest for one or more of the following reasons:

- a. Such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electrical facilities.
- b. The street or road right-of-way is intensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic.
- c. The street or road right-of-way adjoins or passes through a civic area or public recreation area or an area of unusual scenic interest to the general public.
- d. The street or road or right-of-way is considered an arterial or major collector as defined in the Governor's Office of Planning and Research General Plan Guidelines.

**ADDITIONAL CRITERIA FOR PROJECT PRIORITIZATION ESTABLISHED BY THE
CITY COUNCIL OF SAN JOSE:**

1. Projects that complement City capital improvement projects (1978).
2. Completion of undergrounding adjacent to undergrounding accomplished by other projects (1978).
3. Projects that front city facilities, such as: parks, libraries, and fire stations (1978).
4. Projects in the Core (Downtown) Area (1978).
5. Projects that minimize costs to single family residences (1978).
6. Projects that are done in conjunction with light rail transit projects (1985).
7. Projects that are on gateway streets to the downtown area (1985).
8. Twenty percent (20%) of Rule 20A funds will be designated for projects adjacent to city parks (1986).
9. Projects in Redevelopment or Neighborhood Business District areas (1987).

RULE 20B (IN-LIEU FEE) UNDERGROUNDING UTILITY PROJECTS

(Approved June 1989)

The criteria and procedures to create underground utility districts are specified in the San José Municipal Code. Proposed districts must be determined to be in the general public interest for one or more of the following reasons:

ATTACHMENT E
SUMMARY OF CRITERIA FOR EVALUATING UNDERGROND UTILITY PROJECTS

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- a. Such removal and replacement underground will eliminate an unusually heavy concentration of poles and overhead wires within said area;
- b. The public streets or rights-of-way within said area are extensively used by the general public and carry a heavy volume of pedestrian or vehicular traffic;
- c. The public streets or rights-of-way within said area adjoin or pass through a civic area or public recreation area or an area of unusual scenic interest to the general public.

GENERAL CRITERIA

The purpose of the General Criteria is to ensure that all projects included in the Workplan provide opportunities for cost effectiveness due to lower unit costs resulting from large aggregated projects, and are in areas where in-lieu fees have been paid. Since 1989 in-lieu fees have been paid for 701 private development projects throughout the City. The Undergrounding Master Plan, listing 342 proposed project areas that meet the General Criteria, has been developed by staff and was included in the In-Lieu Fee Undergrounding Master plan. The Undergrounding Master Plan is developed through consideration of the following General Criteria:

1. A minimum 600 feet of overhead facilities to be replaced. Projects that meet this criterion are eligible for certain credits from utility companies resulting in a lower cost per foot to complete the project.
2. Percentage of proposed project frontage for which in-lieu fees have been paid. The higher the percentage of frontage length paid to date, the higher the priority.
3. Development frontages where undergrounding in-lieu fees have been paid and held by the City for five or more years. As long as fees are committed to projects in the approved Master Plan, they are considered programmed and not subject to refund.

SPECIFIC CRITERIA

(Revised March 16, 1993)

The purpose of the Specific Criteria is to provide specific guidelines for staff in selecting project areas for the Workplan. The Specific Criteria ensure that actions required of the City by executed agreements are implemented and also provide the flexibility to coordinate with other scheduled projects and programs. The proposed workplan, presented in Attachment B, has been developed through an evaluation of the Specific Criteria applicable to the listing of proposed project areas identified in the Undergrounding Master Plan.

- a. Projects for which agreements with the Utility Companies have been executed or approved for execution.
- b. Projects for which Legislation (City Ordinance) establishing an underground utility district have been adopted.
- c. Projects proposed in the last approved workplan for which review, field investigation and coordination with the utility company representative have begun.
- d. Projects requiring completion by specific dates to avoid return of fees paid per executed agreements (Improvement District Projects).

ATTACHMENT E
SUMMARY OF CRITERIA FOR EVALUATING UNDERGROND UTILITY PROJECTS

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- e. Projects that can be constructed in conjunction with other planned improvements by the City (CIP Projects) and paving projects.
- f. Projects that can be implemented in conjunction with private development construction activities.
- g. Projects that were proposed in the last approved workplan for which coordination with utility companies has not begun.
- h. Distribution among Council Districts in as equitable manner as possible.

FY 17-18 RULE 20B (IN-LIEU FEE) UNDERGROUNDING MASTER PLAN
 Proposed Project Areas that meet General Criteria

PROJECT LOCATION	COUNCIL DISTRICT	LENGTH OF PROJECT (FT)	IN-LIEU FEES PAID TO DATE			PROJECT COST	ANTICIPATED FULL FUNDING COLLECTION	
			#	COLLECTED THIS FY 2017-2018 (\$)	Total (\$)			% PROJECT COST
PROJECTS COMPLETED TO DATE								
Saratoga Av - Blackford Av to I-280; Moorpark Av - Saratoga Av to 200' e/o (Completed 2003)	1	1300	2		\$65,371	4%	\$1,550,000 (act)	2040
Saratoga Av - I-280 to 180' n/o Kiely Bl; Kiely Bl - Saratoga Av to 400' w/o (Completed 2006)	1	1760	3		\$42,399	3%	\$1,500,000 (act.)	2040
Stevens Creek Bl - Casa View to Albany	1	600	1		\$1,150	0.2%	(\$582,000)	2040
*Stevens Creek - Stern Av to Calvert Dr (Completed 2012)	1	800	1		\$55,347	7%	N/A	2040
Winchester Bl - Riddle Rd to Neal Av	1	1300	4	\$41,705	\$172,619	14%	(\$1,261,000)	2040
Chynoweth Av - Poston Dr to Lean Av (Completed 1995)	2	1600	3		\$87,694	8%	\$165,000 (act.)	2040
Monterey HWY - Blossom Hill Rd to Ford Rd (Completed 2000)	2	2400	1		\$134,390	20%	\$670,000 (act.)	2040
*Auzerais Av - Josefa St to Illinois Av (Completed 2016)	3	400	1		\$4,480	1%	N/A	2040
Balbach St - S Almaden to S Market St (Completed 2013)	3	900	1		\$201,211	23%	(\$873,000)	2040
*Fourth St (S) - E Santa Clara St to E San Fernando St (Completed 2006)	3	700	2		\$12,364	96%	\$12,900 (act.)	2020
Hedding and Coleman (SW/c) (Completed)	3	800	1		\$59,425	8%	(\$776,000)	2040
Julian St (W) - Guadalupe River to Hwy 87	3	700	1		\$8,663	1%	(\$679,000)	2040
Julian St (W) - N Market St to N 1st St (Completed 1999)	3	650	2		\$117,349	56%	\$210,110 (act.)	2040
Julian St (W) - Pleasant St to Autumn St	3	1100	2		\$69,812	7%	(\$1,067,000)	2040
*Pierce Av - S Market St to Almaden Av	3	2000	1		\$10,856	1%	\$1,890,000 (act.)	2040
*Reed St (W) - S Market St to Almaden Av (Completed 2011)	3	192.7	1		\$62,238	48%	(\$128,719)	2030
Reed St (E) - S. First street to 132.7' (Completed)	3	1000	2	\$55,548	\$57,730	6.0%	(\$970,000)	2040
San Carlos St (E) - N Market St to 200' e/o S 3rd St (Completed)	3	700	1		\$1,186	0.4%	\$315,000 (act.)	2040
N San Pedro St - Julian St to W St James St	3	700	1		\$63,352	9%	(\$679,000)	2040
W St James St - N San Pedro St to Terraine St	3	1500	3		\$33,313	2%	(\$1,455,000)	2040
Second St (S) - E Reed St to E San Salvador St	3	1000	3	\$216,458	\$240,285	25%	(\$970,000)	2040
San Salvador St (E) - S 2nd St to 100' east (Completed)	3	700	1		\$1,186	0.4%	\$315,000 (act.)	2040
Second St (S) - E San Carlos St to E San Salvador St	3	1000	3	\$216,458	\$240,285	25%	(\$970,000)	2040
Third St (S) - E San Carlos St to E San Salvador St (Completed)	3	700	1		\$1,186	0.4%	\$315,000 (act.)	2040
*Sixth St (S) - S Santa Clara St to E San Fernando St (Completed 2006)	3	2100	4		\$156,524	10%	\$1,550,000 (act.)	2040
Taylor St (E) - N 4th St to 150' e/o N 9th St (Completed 2012)	3	1100	1		\$26,432	2%	(\$1,067,000)	2040
Jackson Ave - 7th St to 9th St	3	300	1		\$135,922	47%	(\$291,000)	2030
Woz Way - Almaden Blvd. to Market St. (Completed 2013)	3	7400	1		\$57,877	3%	\$1,700,000	2040
*Capitol Ave - Battaglia Circle to Battaglia Circle (300' North)	4	1200	1		\$17,024	1%	(\$1,164,000)	2040
*Capitol Av (N) - Moorbrook Dr to McKee Rd (Completed 2001)	4	800	1		\$39,634	5%	(\$776,000)	2040
*Capitol Av - Northwood to Autumnvale Dr (Completed 2002)	4	1400	1		\$39,043	3%	(\$1,358,000)	2040
*Capitol Av - Sierra Rd to Bataglia Cir (Completed 2002)	4	600	2		\$27,992	5%	(\$582,000)	2040
Fox Av - Old Oakland to Fox Dr (Completed)	4	1200	2		\$63,783	5%	(\$1,164,000)	2040
*Capitol Av and Hostetter Rd (Completed 2002)	4	1600	5		\$191,990	24%	\$800,000	2040
*Capitol Av (N) - Trade Zone Blvd to I-680 ramp (Completed as part of Capitol Av light rail project 2002)	4	800	7		\$207,109	48%	\$436,000 (act.)	2030
Capitol Av (N) and Berryessa Rd (Completed 1992)	4	1800	1		\$44,871	3%	(\$1,746,000)	2040
Junction - Charcot to Brokaw	4	600	1		\$20,194	3%	(\$582,000)	2040
Lundy - Berryessa to 600' North (Completed)	4	800	2		\$67,021	9%	(\$776,000)	2040
Lundy - Murphy to Old Hostetter	4	700	2		\$90,132	51%	\$178,000 (act.)	2030
Murphy Av - Ringwood Av to Lundy Av (Completed 1993)	4	1000	1		\$22,600	2%	(\$970,000)	2040
N 1st St - Brokaw to Karina Ct (Completed)	4	600	1		\$6,944	1%	(\$582,000)	2040
Old Oakland Rd - Cle Artis to 600' South	4	800	2		\$22,280	3%	(\$776,000)	2040
Old Oakland Rd - Wayne to Mackay	4	600	1		\$48,434	8%	(\$582,000)	2040
River Oaks Parkway - First St to 600 feet Westerly (Completed)	4	600	1		\$3,681	1%	(\$582,000)	2040
Rogers Av - E Brokaw Rd to 600' South	4	600	1		\$59,229	10%	(\$582,000)	2040
Ringwood - Mckay to 400' South	4	1200	2		\$101,906	9%	(\$1,164,000)	2040
Trimble Rd - First to Orchard Parkway (Completed)	4	800	2		\$40,153	5%	(\$776,000)	2040
*Capitol Ave. - Capitol Exp. to Wilbur (Completed 2002)	5	N/A	1		\$35,020	N/A	N/A	2040
*Capitol Ave - McKee Road (Completed as part of Capitol Av light rail project 2002)	5	600	1		\$16,100	3%	(\$582,000)	2040
*Capitol Ave. - Rose to Florence (Completed 2002)	5	1400	2		\$92,509	10%	\$972,000 (act.)	2040
McKee Rd - Kirk Av to 900' East; Toyon Av - McKee Rd to Cortese Cr (Completed 2004)	5	1000	2		\$43,918	7%	\$600,000	2040
*Story Rd - Capitol Exwy to McGinness Av (Completed 2003)	5							

FY 17-18 RULE 20B (IN-LIEU FEE) UNDERGROUNDING MASTER PLAN
 Proposed Project Areas that meet General Criteria

PROJECT LOCATION	COUNCIL DISTRICT	LENGTH OF PROJECT (FT)	#	IN-LIEU FEES PAID TO DATE			PROJECT COST	ANTICIPATED FULL FUNDING COLLECTION
				COLLECTED THIS FY 2017-2018 (\$)	Total (\$)	% PROJECT COST		
*Story Rd - Capitol Exwy to Galahad Av (Completed 2003)	5	700	2		\$29,137	6%	\$500,000	2040
*Story Rd - McCreery (Completed 1997)	5	N/A	1		\$92,825	N/A	N/A	2040
*Story Rd - S King Rd to Galahad Av; King Rd (S) - Story Rd to Marsh St (Completed 1997)	5 & 7	6300	8		\$342,765	23%	\$1,500,000	2040
Harmon Court - Meridian to end of street	6	400	1		\$40,471	10%	(\$388,000)	2040
*Naglee - Park to Dana (Completed 2017)	6	1000	2	\$21,825	\$47,992	5%	(\$970,000)	2040
*Park Ave. - Naglee to Calaveras (Completed 2017)	6	1700	2		\$58,360	4%	N/A	2040
Payne Av - Winchester Blvd to Castlemont Av (Completed 1994)	6	1050	4		\$53,109	23%	\$229,000 (act.)	2040
W. San Carlos St - Royal Av to Railroad Tracks	6	270	1		\$28,434	11%	(\$261,900)	2040
Almaden Rd - W Alma Av to Sears Rd (priv rd) (Completed 2003)	7	1300	2		\$228,231	39%	\$582,400 (act.)	2040
Curtner Ave. - Monterey Highway to 500 ft. West of Little Orchard (Completed)	7	2500	3		\$59,808	2%	(\$2,425,000)	2040
King Rd. - Tully Rd. to Burdette Dr. (Completed)	7	600	1		\$9,837	2%	(\$582,000)	2040
McLaughlin Av - Story Rd to Panoche Av (Completed 2004)	7	1500	5		\$80,446	9%	\$868,000 (act.)	2040
*Senter Rd - Balfour Dr to Southside Dr (Completed 2003)	7	2800	8		\$165,228	13%	\$1,235,000 (act.)	2040
Senter Rd - Burke to Needles (Completed)	7	2200	3		\$58,952	3%	(\$2,134,000)	2040
Senter Rd - Needles Dr to Phelan Av (Completed)	7	1000	1		\$6,720	1%	(\$970,000)	2040
*Senter Rd - Parrot to Tully (Completed 2017)	7	600	1		\$38,725	7%	(\$582,000)	2040
Tenth St - Burke St to Parrott St; Burke St; Senter Rd - Wool Creek Dr to Quinn Av (Completed 1998)	7	2650	5		\$288,074	36%	\$795,000 (act.)	2040
*Aborn Rd - Pumpherson Wy to White Rd	8	2800	3		\$101,685	4%	(\$2,716,000)	2040
White Rd - 200' n/o Aborn Rd (Completed 2018)	8	1600	2		\$141,904	30%	\$478,655 (act.)	2040
Quimby Rd and White Rd (Completed 1999)	8	320	1		\$9,000	19%	\$48,000 (act.)	2040
Quimby Rd - Burdick Wy to Akino Ct (Completed 1996)	8	800	1		\$6,900	1%	(\$776,000)	2040
San Felipe Rd - Keaton Loop to Keaton Loop (Completed)	8	2050	2		\$52,968	3%	N/A	2040
*San Felipe Rd - Park Estates to Autumn Estates (Completed)	8	1200	3		\$165,536	71%	\$220,000 (act.)	2035
San Felipe Rd - Silver Estates south to Thompson Creek (Completed 1998)	8	1400	2		\$55,490	4%	N/A	2040
*Camden Ave. - Bercaw Ln to Leigh Av	9	1800	4		\$250,611	90%	\$280,000 (act.)	2020
*Bercaw Ln - 100' s/o Camden Av (Completed 2017)	10	600	4		\$54,585	9%	(\$582,000)	2040
Almaden Rd - Grimley Ln to Viewpoint Ln (Completed 1997)	10	1400	1		\$65,907	5%	(\$1,358,000)	2040
Blossom Hill - Hillview to Santa Teresa (Completed)	6,1	1400	1		\$15,150	1%	(\$1,358,000)	2040
Winfield - Thornwood to Blossom Hill (Completed)	6,1	2100	1		\$15,120	1%	(\$2,037,000)	2040
Winchester - Tisch to Stevens Creek (Completed)								

* Completed as part of a 20A Project.

PROJECT CANDIDATES

Bollinger Rd - S De Anza Bl to Arlington Ln	1	1600	2	\$44,912	3%	(\$1,552,000)	2040
Bollinger Rd - Miller Av to Hyde Av	1	800	1	\$35,160	5%	(\$776,000)	2040
Boynton Av - Stevens Creek Bl to Kiely Bl	1	1100	2	\$48,067	5%	(\$1,067,000)	2040
Campbell Av (W) - Anthony Dr to Kim Louise Dr	1	500	1	\$25,764	5%	(\$485,000)	2040
Campbell Av (W) - Saratoga Av to Hamilton Av	1	500	2	\$74,203	15%	(\$485,000)	2040
Cypress Av (S) - Stevens Creek Bl to Judro Wy	1	1100	1	\$17,940	2%	(\$1,067,000)	2040
De Anza Bl - Coronado Dr to Wild Flower Wy	1	1400	2	\$49,284	4%	(\$1,358,000)	2040
Fruitdale Av - Bascom Av to Princess Anne Dr	1	1200	1	\$2,024	0.2%	(\$1,164,000)	2040
Kiely Bl - Saratoga Av to Stevens Creek Bl	1	1700	3	\$33,708	2%	(\$1,649,000)	2040
Moorpark Av - Boynton Av to Shadow Glen	1	4400	2	\$39,930	1%	(\$4,268,000)	2040
Moorpark Av - Williams Rd to Lawrence Ex	1	900	2	\$11,772	1%	(\$873,000)	2040
Payne Av - San Tomas Ex to Klarnath Dr	1	2200	3	\$45,128	2%	(\$2,134,000)	2040
Payne Av - Essex Wy to Winchester Bl	1	1700	5	\$54,819	3%	(\$1,649,000)	2040

FY 17-18 RULE 20B (IN-LIEU FEE) UNDERGROUNDING MASTER PLAN
Proposed Project Areas that meet General Criteria

PROJECT LOCATION	COUNCIL DISTRICT	LENGTH OF PROJECT (FT)	#	IN-LIEU FEES PAID TO DATE			PROJECT COST	ANTICIPATED FULL FUNDING COLLECTION
				COLLECTED THIS FY 2017-2018 (\$)	Total (\$)	% PROJECT COST		
Prospect Rd - Lawrence Ex to Saratoga Av	1	1600	5	\$65,660	\$96,484	6%	(\$1,552,000)	2040
Prospect Rd - Miller Av to Provincetown Dr	1	1200	1		\$21,280	2%	(\$1,164,000)	2040
Quito Rd - Elmwood Dr to Northlawn Dr	1	600	2	-\$146,328	\$156,469	27%	(\$582,000)	2040
Rainbow Dr - Arlington Ln to Blaney Av	1	1000	1		\$12,963	1%	(\$970,000)	2040
Richfield Dr - Stevens Creek Bl to Albany Dr	1	600	1		\$58,800	10%	(\$582,000)	2040
Rosewood Av - Stevens Creek Bl to 600' south	1	600	1		\$7,840	1%	(\$582,000)	2040
San Tomas Aquino Rd - Bucknall Rd to Rincon Av	1	600	1		\$63,504	11%	(\$582,000)	2040
Saratoga Av - Blackford Av to Belvedere Dr	1	800	3		\$222,096	29%	(\$776,000)	2040
Saratoga Av - Venice Wy to Manzanita Dr	1	2400	6		\$98,233	4%	(\$2,328,000)	2040
Saratoga Av - Graves Av to Prospect Rd	1	1200	1		\$47,488	4%	(\$1,164,000)	2040
Saratoga Av - Latimer Av to Los Felice Dr	1	800	2	\$35,644	\$48,243	6%	(\$776,000)	2040
Saratoga Av - Kieley Bl to Stevens Creek Bl	1	1200	3		\$42,399	4%	(\$1,164,000)	2040
Saratoga Av - Quito Rd to Campbell Av	1	1000	2		\$128,277	13%	(\$970,000)	2040
Sharon Av - Saratoga-Sunnyvale Rd to end	1	1300	2		\$16,875	1%	(\$1,261,000)	2040
Taylor St - Stockton Av to Coleman Av	1	800	1		\$7,891	1%	(\$776,000)	2040
Williams Rd - Saratoga Rd to 200' e/of Oakmont Pl	1	2300	3		\$44,770	2%	(\$2,231,000)	2040
Winchester Bl - E. Hamilton Av to Colonial Wy	1	700	1		\$22,000	3%	(\$679,000)	2040
Winchester Bl - Williams Rd to Fruitdale Av	1	400	1		\$42,576	11%	(\$388,000)	2040
Bailey Av - Santa Teresa Bl to IBM Driveway	2	4100	1		\$29,013	1%	(\$3,977,000)	2040
Blossom Hill Rd - Judith St to Snell Av	2	1600	2	\$11,725	\$30,828	2%	(\$1,562,000)	2040
Edenvale Av - Sadlebrook Dr to Red River Wy	2	1400	1	-\$275,994	\$275,994	20%	(\$1,358,000)	2040
Monterey Rd - Las Colinas Ln to Bernal Wy	2	2800	3		\$122,738	5%	(\$2,716,000)	2040
Monterey Rd - Bernal Wy to Forsum Rd	2	3800	1		\$44,620	1%	(\$3,686,000)	2040
Senter Rd - Monterey Hwy to Seven Trees Bl	2	800	2		\$121,098	16%	(\$776,000)	2040
Senter Rd - Coyote Road to Nokomis Drive/EI Cajon	2	1000	1		\$89,203	9%	(\$970,000)	2040
Snell Av - Avenida del Roble to Avenida Arboles	2	830	1		\$46,638	6%	(\$805,100)	2040
Snell Av - Blossom Hill to Avenida Del Roble	2	1200	1	\$63,315	\$71,306	6%	(\$1,164,000)	2040
Alma Av (W) - S 1st St to Almaden Av	3	1800	4		\$156,599	9%	(\$1,746,000)	2040
Almaden Av to 200' n/o W Alma Av	3	1600	6		\$45,439	3%	(\$1,552,000)	2040
Almaden Av - Grant St to Sutter St	3	1050	1		\$23,450	2%	(\$1,018,500)	2040
Almaden Av - Sutter to Willow	3	900	2		\$62,334	7%	(\$873,000)	2040
Almaden Av & Willow St (NW/c) - Willow St to Goodyear Av	3	1850	3		\$397,934	22%	(\$1,794,500)	2040
Charles St - Thirteenth - Old Oakland	3	400	1		\$11,329	3%	(\$388,000)	2040
Clinton Pl - westerly terminus to Stockton Av	3	600	1		\$22,026	4%	(\$582,000)	2040
Coleman Av - W. Taylor St to Seymour St.	3	1700	2		\$69,009	4%	(\$1,649,000)	2040
Commercial St - N 7th St to N 10th St	3	1000	2	\$66,809	\$156,693	16%	(\$970,000)	2040
Seventh St (N) - N 5th St to Commercial St	3	600	1		\$6,720	1%	(\$582,000)	2040
Delmas Av - W Santa Clara St to W San Fernando St	3	800	1		\$12,650	2%	(\$776,000)	2040
San Fernando St (W) - Delmas Av to Rte 87	3	600	1		\$12,649	2%	(\$582,000)	2040
Eleventh St (S) - E San Carlos St to E San Antonio St	3	850	2		\$12,992	2%	(\$824,500)	2040
Fifth St (N) - Jackson St to E Taylor St	3	1100	5		\$86,477	8%	(\$1,067,000)	2040
Fifth St (N) - 600' S/o Jackson St	3	700	1		\$66,000	10%	(\$679,000)	2040
Fourth St (N) - E Empire St to Washington St	3	1000	3		\$103,205	11%	(\$970,000)	2040
Fourth St (N) - E Gish Rd to Rte 880	3	800	1		\$8,249	1%	(\$776,000)	2040
Fourth St (N) - Rte 880 to Commercial	3	1100	2		\$13,395	1%	(\$1,067,000)	2040
Fourth St (N) - Archer St to 101 (S) offramp	3	800	2		\$158,848	20%	(\$776,000)	2040
Fourth St (N) - Jackson St to E Empire St	3	1200	2		\$36,424	3%	(\$1,164,000)	2040
Fourth St (N) - E Taylor St to 600' S/o Jackson St	3	1800	1		\$7,728	0%	(\$1,746,000)	2040
Hedding St (E) - N 8th St to N 10th St	3	600	1		\$14,357	2%	(\$582,000)	2040
Hedding St (E) - N 12th St to N 16th St	3	1800	1					
Julian St (E) - East Ct to N 24th St	3	600	1					
Julian St (E) - Peruka Pl to Coyote River	3	600	1					

FY 17-18 RULE 20B (IN-LIEU FEE) UNDERGROUNDING MASTER PLAN
Proposed Project Areas that meet General Criteria

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				COLLECTED THIS FY 2017-2018 (\$)	Total (\$)	% PROJECT COST		
Julian St (E) - N 11th St to N 14th St	3	900	1		\$17,371	2%	(\$873,000)	2040
Julian St (E) - N 1st St to N 5th St to N 8th St to N 9th St	3	2800	6		\$93,607	3%	(\$2,716,000)	2040
Kerley Dr - Archer St to E Gish Rd	3	1400	1		\$16,800	1%	(\$1,358,000)	2040
Keyes St - S 5th St to S 6th St to S 7th St	3	2000	3		\$218,614	11%	(\$1,940,000)	2040
<i>Keyes St - S 3rd to S 2nd</i>	3	350	1		\$62,143	18%	(\$339,500)	2040
<i>King Road (N) - Las Plumas Ave to Dobbin Drive</i>	3	1900	1		\$131,876	7%	(\$1,843,000)	2040
<i>Las Plumas Ave - N King to Lenfest Rd</i>	3	850	1		\$152,929	19%	(\$824,500)	2040
Lenfest Rd - Mabury Rd to Nicora Av	3	1200	2		\$37,053	3%	(\$1,164,000)	2040
Nicora Av - Alley	3	1846	1		\$814,412	45%	(\$1,790,620)	2030
Matrix Blvd - N 1st to N 4th	3	2000	3		\$165,543	9%	(\$1,940,000)	2040
<i>McKee Rd - N King Rd to US 101</i>	3	700	1		\$4,103	1%	(\$679,000)	2040
Miller St - W Taylor St to W Mission St	3	600	1		\$4,480	1%	(\$582,000)	2040
Monterey Rd - Willow St to Goodyear St	3	600	1		\$9,508	2%	(\$582,000)	2040
Nineteenth St (N) - E St James St to E Julian St	3	600	1		\$61,869	8%	(\$776,000)	2040
Ninth St (N) - Jackson St to E Empire St	3	300	1		\$130,867	45%	(\$291,000)	2040
Norte Dame Ave. - St. John St to Carlyle St	3	1000	1		\$178,752	18%	(\$970,000)	2040
Park Av - Gifford Av to Josefa St	3	600	1		\$43,955	8%	(\$582,000)	2040
San Antonio St (E) - N 24th St to HWY 101	3	1800	3		\$18,241	1%	(\$1,746,000)	2040
San Jose Av - Almaden Exwy to Little Orchard St	3	800	1		\$13,800	2%	(\$776,000)	2040
San Salvador St (E) - S 8th St to S 10th St	3	600	1		\$39,536	7%	(\$582,000)	2040
Second St (S) - Martha St to E Virginia St	3	600	1		\$30,876	5%	(\$582,000)	2040
<i>Second St (S) - Martha St to Keyes St</i>	3	1200	1		\$17,588	2%	(\$1,164,000)	2040
Second St (N) - Hensley St to Bassett St	3	800	2		\$46,194	6%	(\$776,000)	2040
Seventh St (N) - E Hedding St to E Younger Av	3	700	2		\$18,717	3%	(\$679,000)	2040
St John St (W) - Almaden Av to N San Pedro St	3	370	1		\$74,951	21%	(\$358,900)	2040
San Pedro St (N) - W St John St to 53' south	3	2980	1		\$77,628	3%	(\$2,890,600)	2040
St John St (E) - S 13th St to S 17th St and S 13th St, S 14th St, and S 17th St from E St John St to E Santa Clara St	3	1000	1		\$26,708	3%	(\$970,000)	2040
Stockton Av - Harding Av to W Taylor St	3	1100	1		\$62,161	6%	(\$1,067,000)	2040
<i>Taylor St (E) - N 10th St to N 13th St</i>	3	600	2		\$117,213	20%	(\$582,000)	2040
Taylor St (E) - N 21st St to N 23rd St	3	1300	1		\$8,165	1%	(\$1,261,000)	2040
Tenth St (N) - HWY 101 to Horning St	3	800	1		\$293,855	38%	(\$776,000)	2040
Tenth St (N) - Horning St to E Hedding St	3	600	2	\$84,664	\$99,672	17%	(\$582,000)	2040
Tenth St (S) - E William St to 600' North	3	600	2		\$20,898	4%	(\$582,000)	2040
Third St (N) & Fifth St (N) south of Jackson	3	600	1		\$34,124	6%	(\$582,000)	2040
Third St (N) - E Julian St to Railroad tracks	3	600	2		\$11,945	2%	(\$582,000)	2040
Third St (N) - 600' S/o Jackson St	3	100	1		\$44,140	46%	(\$97,000)	2030
Third Street (S) - Martha St to Keyes St	3	450	1		\$27,060	6%	(\$436,500)	2040
<i>Third St (S) - Keyes St to E Humboldt St</i>	3	800	2		\$91,391	12%	(\$776,000)	2040
Thirteenth St - Hedding to Mission	3	800	1		\$4,227	1%	(\$776,000)	2040
Thirteenth St - Jackson to Empire	3	800	1		\$12,579	2%	(\$582,000)	2040
Thirteenth St - Julian to St James	3	800	2		\$80,815	10%	(\$776,000)	2040
Thirteenth St - Mission to Taylor	3	700	1		\$3,215	0%	(\$679,000)	2040
Twelfth - Santa Clara to San Fernando	3	600	1		\$20,295	3%	(\$582,000)	2040
<i>Twelfth St (N) - Madera Ave to Horning St</i>	3	700	1		\$8,852	1%	(\$679,000)	2040
Twenty-fourth St - San Fernando to Santa Clara	3	1800	1		\$8,586	0%	(\$1,746,000)	2040
Twenty-seventh St - Santa Clara St to St James St	3	1000	1		\$4,172	0%	(\$970,000)	2040
Vine St. - Grant to Virginia	3	700	1		\$7,952	1%	(\$679,000)	2040
Virginia St. - Almaden Ave. to Locust St.	3	2200	4		\$180,516	8%	(\$2,134,000)	2040
Virginia St - State St to S 6th St	3	800	1		\$2,458	0.3%	(\$776,000)	2040
William St - 7th to 8th, & 8th - William to Reed	3							

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William St. - McLaughlin to 19th	3	1600	4		\$202,173	13%	(\$1,552,000)	2040
Williams and 3rd (NE/c) - 200' on 3rd	3	500	1		\$63,961	13%	(\$485,000)	2040
Williams St - Brookwood to 19th	3	600	1		\$15,452	3%	(\$582,000)	2040
Willow St - Lick to Locust	3	600	1		\$3,036	1%	(\$582,000)	2040
Beryessa Rd - Pembroke to Filckinger	4	1300	3		\$581,608	46%	(\$1,261,000)	2030
Beryessa Rd - US 101 to RR crossing	4	4000	3		\$154,724	4%	(\$3,880,000)	2040
Commercial St - Oakland Rd to Commercial Ct	4	2300	4		\$184,506	8%	(\$2,231,000)	2040
Commercial St - Beryessa to Commercial Ct	4	1300	2		\$84,942	7%	(\$1,261,000)	2040
Fifteenth St - Commercial to Charles	4	600	1		\$21,168	4%	(\$582,000)	2040
First St - Nortech to Michigan	4	3000	4		\$251,386	9%	(\$2,910,000)	2040
Flickinger - Nunez to Doxey	4	800	1		\$152,219	20%	(\$776,000)	2040
Gish Rd - Keoncrest to Kerly	4	800	2		\$53,760	7%	(\$776,000)	2040
E Gish Rd - 880 (N) offramp to 200' e/o Vander Wy	4	1500	4		\$184,419	13%	(\$1,455,000)	2040
Grand Blvd. - First St to Wilson Way	4	1100	4		\$79,960	7%	(\$1,067,000)	2040
Hostetter - Rue Avall to Filckinger	4	900	1		\$1,612	0%	(\$873,000)	2040
Junction - Brokaw to Rogers	4	3100	1		\$33,120	1%	(\$3,007,000)	2040
King Rd - 300' n/o Mabury Rd to Dobbin Dr	4	1500	3		\$141,253	10%	(\$1,455,000)	2040
Mabury Rd - King Rd to 200' east	4	1500	2		\$136,341	9%	(\$1,455,000)	2040
King Rd - Beryessa to Penitencia Creek to 400' south	4	1500	2		\$136,341	9%	(\$1,455,000)	2040
Mabury Rd - Coyote Creek to Lenfest	4	1000	1		\$49,840	5%	(\$970,000)	2040
McKee - Challenger to Capitol Ave.	4	2000	4		\$57,368	3%	(\$1,940,000)	2040
Morrill - Cropley to Tobin	4	1300	2		\$80,473	6%	(\$1,261,000)	2040
Murphy Av - 220' w/o Oyama Dr to 540' w/o Oyama Dr	4	320	1		\$39,300	13%	(\$310,400)	2040
Old Bayshore Rd - Terminal Ave to Zanker Rd	4	1200	1		\$21,504	2%	(\$1,164,000)	2040
Old Oakland Rd - Gish Rd. to Berger Dr.	4	700	1		\$45,029	7%	(\$679,000)	2040
Old Oakland Rd. -Commercial to Service	4	2064	3		\$69,534	3%	(\$2,002,080)	2040
O'toole Ave - I-880 to Rincon Dr	4	1400	1		\$51,484	4%	(\$1,358,000)	2040
Piedmont - Maxey to Fleur de Lis	4	500	1		\$36,867	8%	(\$485,000)	2040
Piedmont Rd - Sierra Rd to Beryessa/Suncrest	4	1200	3		\$168,565	14%	(\$1,164,000)	2040
Queens - Bayshore to Rogers	4	2300	2		\$48,798	2%	(\$2,231,000)	2040
Rogers - Queens to Junction	4	1800	4		\$126,181	7%	(\$1,746,000)	2040
Sierra - Piedmont to Sabal	4	1200	1		\$36,400	3%	(\$1,164,000)	2040
Third St -Martha to Keyes	4	1200	1		\$49,910	4%	(\$1,358,000)	2040
Trade Zone - Ringwood to Lundy	4	1400	1		\$89,053	6%	(\$1,552,000)	2040
Cinnabar St - Autumn to 500' east of Stockton Av	5	1000	3		\$151,467	16%	(\$970,000)	2040
Clayton Rd - Hickerson to Story Rd.	5	900	1		\$22,592	3%	(\$873,000)	2040
Fleming Av - Neves Way to Whipple Ct	5	1100	2		\$32,802	3%	(\$1,067,000)	2040
Fleming Av - Palomino to Rosemar	5	2000	2		\$86,240	4%	(\$1,940,000)	2040
Jackson - Alexian Rd to McKee Rd	5	1000	1		\$17,878	2%	(\$970,000)	2040
Jackson - Alexian Rd to Alum Rock	5	1000	1		\$17,878	2%	(\$970,000)	2040
King Rd - E San Antonio St to E San Fernando St	5	615	1		\$91,195	15%	(\$596,550)	2040
King Rd - Las Plumas to Railroad	5	1400	2		\$40,934	3%	(\$1,358,000)	2040
Las Plumas - King Rd to 800' east	5	1000	5		\$50,023	5%	(\$970,000)	2040
King Rd - Margaret to Lavonne	5	3200	7		\$130,128	4%	(\$3,104,000)	2040
King Rd. - McKee to 700' s/o Alum Rock	5	1000	1		\$16,800	2%	(\$970,000)	2040
McKee Rd - Challenger Av to Eastside Dr	5	2700	3		\$456,723	17%	(\$2,619,000)	2040
McKee Rd - Jackson to Jose Figueres to Madden	5	500	2		\$70,456	15%	(\$485,000)	2040
Mt. Pleasant Rd - Mt Pleasant Ct to Marten Ave	5	1000	1		\$22,064	2%	(\$970,000)	2040
Story Rd - Clayton to 1000' East	5	900	1		\$11,684	1%	(\$873,000)	2040
Sunset - Alum Rock to Kammerer	5	2900	4		\$203,401	7%	(\$2,813,000)	2040
White Rd. - Easthills to S/s Story	5	600	1		\$16,483	3%	(\$582,000)	2040
White Rd. - Hobart to Easthills	5							

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White Rd. - McKee to Eastside	5	900	4		\$106,840	12%	(\$873,000)	2040
White Rd. - Mt. Vista to Park Ln.	5	2400	4		\$101,023	4%	(\$2,328,000)	2040
White Rd. - Rocky Mountain to Sylvan Dr.	5	1800	2		\$44,800	3%	(\$1,746,000)	2040
Alma - Locust to Lick	6	600	1		\$12,185	2%	(\$582,000)	2040
Alma Ave. - Christina to Capruso	6	1650	2		\$65,828	4%	(\$1,600,500)	2040
Almaden Rd - Canoas Garden to Curtner Av	6	1600	2		\$34,048	2%	(\$1,552,000)	2040
Almaden Rd. - Willow Glen Wy to Malone Rd to Canoas Garden Av	6	2500	5	\$180,977	\$351,718	15%	(\$2,425,000)	2040
<i>Auzerals Av - Race to Sunol</i>	6	1500	1		\$102,995	7%	(\$1,455,000)	2040
Bascom - Belair to University	6	900	1		\$10,276	1%	(\$873,000)	2040
Bascom - Heatherdale to Cherrystone	6	700	1		\$15,525	2%	(\$679,000)	2040
Bascom Ave. - San Carlos to Naglee	6	1800	6		\$128,218	7%	(\$1,746,000)	2040
Baywood - Stevens Creek to Hemlock	6	700	1		\$12,714	2%	(\$679,000)	2040
<i>Belmont Way - W Alma to Belmont Ave</i>	6	400	1		\$52,708	14%	(\$388,000)	2040
Canoas Garden - Almaden Expwy to Masonic Dr	6	1700	5		\$113,106	7%	(\$1,649,000)	2040
Canoas Garden - Curtner to south terminus	6	1400	1		\$19,248	1%	(\$1,358,000)	2040
Chestnut - Emory to Asbury	6	600	1		\$8,960	2%	(\$582,000)	2040
Ciro Av - Forest to Bailey	6	800	2		\$85,120	11%	(\$776,000)	2040
Clinton Place - Clinton Place to Stockton Av (REFUND)	6	200	1		\$0	0%	(\$194,000)	2040
Curtner Ave. - Booksin to Cherry	6	2000	1		\$5,409	0.3%	(\$1,940,000)	2040
<i>Curtner Ave. - Lincoln to 800' E/of</i>	6	800	1		\$14,784	2%	(\$776,000)	2040
Curtner Ave. - Westgate to Cherry	6	1000	1		\$8,306	1%	(\$970,000)	2040
Del Mar Ave - Leon Dr. to Lynhaven Dr	6	800	1		\$6,661	1%	(\$776,000)	2040
Elm St. - Newhall to Hamline	6	400	1		\$1,597	0.4%	(\$388,000)	2040
Forest - Ciro Ave to 110' w/o Bellrose	6	325	2		\$18,646	6%	(\$315,250)	2040
Fruitdale - Menker to Southwest Exp.	6	1000	1		\$8,159	1%	(\$970,000)	2040
Fruitdale - Southwest Exp to Meridian	6	1000	2		\$187,356	19%	(\$970,000)	2040
<i>Fruitdale - Meridian Av to Cherry Av</i>	6	850	1		\$54,688	7%	(\$824,500)	2040
Hamilton Av - Meridian to Hamilton Wy	6	1000	3	\$17,135	\$76,947	8%	(\$970,000)	2040
Hamilton Av - Meridian to Hurst Ave.	6	1300	2		\$16,800	1%	(\$1,261,000)	2040
Hedding - Chapman to Park	6	600	1		\$20,240	3%	(\$582,000)	2040
Hillsdale - Pearl Ave. to Summer Creek Drive	6	1200	3		\$192,127	17%	(\$1,164,000)	2040
Julian St. - The Alameda to Cinnabar	6	1000	1		\$87,741	9%	(\$970,000)	2040
Julian St. - Morrison Av to Stockton av	6	600	1		\$66,360	11%	(\$582,000)	2040
Lenzen Av - The Alameda to 600' to Stockton	6	600	1		\$6,384	1%	(\$582,000)	2040
Lincoln (at Auzerals) - 290 Feet	6	290	1		\$210,382	75%	(\$281,300)	2035
Lincoln - Lonus to Coe	6	1000	3		\$31,976	3%	(\$970,000)	2040
Lincoln - Savaker St. to I280	6	600	1		\$25,312	4%	(\$582,000)	2040
Little Orchard - Alma to San Jose	6	1800	1		\$7,360	0.4%	(\$1,746,000)	2040
MacArthur - Stevens Creek to Scott St.	6	1300	1		\$9,381	1%	(\$1,261,000)	2040
McLaughlin Ave - Peach Ct to Sunny Ct	6	1000	1	\$100,615	\$100,615	10%	(\$970,000)	2040
Meridian - Alta Glen to Hamilton	6	850	2	\$17,135	\$20,810	3%	(\$824,500)	2040
Meridian Av - Curci Dr to Westwood Dr	6	1900	5		\$92,387	5%	(\$1,843,000)	2040
<i>Meridian Av - Curci Dr to Fruitdale Av</i>	6	1070	2	\$30,091	\$97,858	9%	(\$1,037,900)	2040
Meridian - Willowbrae to 200' s/o Hamilton	6	1400	4		\$49,574	4%	(\$1,358,000)	2040
Meridian Ave. - Parkmoor to Auzerals	6	1400	5		\$199,862	15%	(\$1,358,000)	2040
Meridian Ave. -Park to Auzerals	6	1700	4		\$124,825	8%	(\$1,649,000)	2040
<i>Minnesota - W Alma to Belmont Ave</i>	6	500	1		\$94,440	19%	(\$485,000)	2040
Minnesota - Cherry to Iris Ct	6	2200	4		\$31,043	1%	(\$2,134,000)	2040
Minnesota - Cherry to Weaver	6	2100	2		\$9,660	0%	(\$2,037,000)	2040

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Minnesota - Bird to Lincoln	6	2050	1		\$69,179	3%	(\$1,988,500)	2040
<i>Monroe (S) - Stevens Creek to Scott St</i>	6	1250	1		\$34,398	3%	(\$1,212,500)	2040
Moorpark Av - Winchester to Clover	6	1500	4		\$38,714	3%	(\$1,455,000)	2040
Morrison Av - The Alameda to W Julian St	6	600	1		\$33,600	6%	(\$582,000)	2040
Old W. Taylor - The Alameda to Myrtle	6	500	1		\$18,676	4%	(\$485,000)	2040
Park Ave. - Hedding to Naglee	6	1600	3		\$110,913	7%	(\$1,552,000)	2040
Park Av - Meridian Av to Race St	6	650	1		\$9,633	2%	(\$630,500)	2040
Pearl - Capitol Expwy to Hillsdale	6	2300	2		\$162,502	7%	(\$2,231,000)	2040
Hillsdale - Pearl to Summer Creek Dr	6	600	1		\$11,788	2%	(\$582,000)	2040
Pine - Cherry to Lupton	6	600	1		\$11,788	2%	(\$582,000)	2040
Race St - San Carlos to Parkmoor	6	3300	6		\$200,182	6%	(\$3,201,000)	2040
Auzerais - Race to Lincoln	6	1100	1		\$4,267	0.4%	(\$1,067,000)	2040
Race St. - Fruitdale to Pedro	6	1100	1		\$4,267	0.4%	(\$1,067,000)	2040
Royal - San Carlos to Auzerais	6	1100	3		\$41,415	4%	(\$1,067,000)	2040
Auzerais - Bird to RxFR Tracks	6	1100	3		\$41,415	4%	(\$1,067,000)	2040
San Fernando St (W) - White St to Wilson Av	6	600	2		\$98,887	17%	(\$582,000)	2040
Stockton Av - Clinton Place to The Alameda (REFUND)	6	600	1		\$0	0%	(\$582,000)	2040
Stone Ave. - Curtner to Perrymont	6	600	1		\$2,645	0%	(\$582,000)	2040
Sunol Street - San Carlos to Savaker	6	1700	1		\$44,541	3%	(\$1,549,000)	2040
Taylor - Elm St to Laurel St	6	500	1		\$61,957	13%	(\$485,000)	2040
Thorton Wy - Maywood Av to Enborg Ln	6	600	1		\$82,908	14%	(\$582,000)	2040
William Street (E) - S 22nd St to 400' e/o McLaughlin Ave	6	1000	1	\$134,195	\$134,195	14%	(\$970,000)	2040
Willow - Delmas Av to Minnesota Av	6	1400	1		\$16,061	1%	(\$1,358,000)	2040
Willow - Lick to HWY 87	6	700	1		\$13,306	2%	(\$679,000)	2040
Willow - Lincoln to Curtiss	6	1300	1		\$9,200	1%	(\$1,261,000)	2040
Winchester Blvd - Boxwood Dr to Tulip Rd	6	600	3	\$53,360	\$67,752	12%	(\$582,000)	2040
Winhester Blvd - Fruitdale to Williams	6	600	1		\$33,165	6%	(\$582,000)	2040
Aborn Rd. - Silver Creek Rd to Towers Ln	7	800	1		\$71,680	9%	(\$776,000)	2040
Alma Ave. - Pamono Av to Monterey/ S. 1st St	7	1050	1		\$111,622	11%	(\$1,018,500)	2040
Curtner Ave. - Stone Ave to Little Orchard	7	800	2		\$36,512	5%	(\$776,000)	2040
Daylight Way - Monterey to Puliman	7	1100	1		\$10,908	1%	(\$1,067,000)	2040
Hillcap - Hillsdale to Granite Rock	7	1900	3		\$34,136	2%	(\$1,843,000)	2040
Hillsdale Av - Mountain Spring Dr to 600' E/of Vistapk./CommHill Bl	7	2500	5		\$249,780	10%	(\$2,425,000)	2040
Lewis - Monterey to Garden	7	1900	5		\$96,969	5%	(\$1,843,000)	2040
Lucretia - Story to Bellhurst	7	800	5		\$98,151	13%	(\$776,000)	2040
McLaughlin - Bendmill to Loupe	7	1100	1		\$7,084	1%	(\$1,067,000)	2040
McLaughlin - Tully to Candia to Quamme Dr	7	2500	2		\$70,526	3%	(\$2,425,000)	2040
McLaughlin - Turtlerock to Fair	7	2000	3		\$69,068	4%	(\$1,940,000)	2040
McLaughlin- Panoche to Algiers	7	1500	3	\$75,967	\$163,073	11%	(\$1,455,000)	2040
Monterey Rd. - Phelan to UPRR track s/o Costa Ave	7	2300	6		\$181,911	8%	(\$2,231,000)	2040
<i>Monterey Rd. - Phelan to Alma</i>	7	900	3		\$657,755	75%	(\$873,000)	2030
Monterey Rd - Tully Rd to UPRR tracks s/o Costa Av	7	1300	1		\$34,944	3%	(\$1,261,000)	2040
Old Tully Rd - entire length Monterey to Tully	7	1400	2		\$30,508	2%	(\$1,358,000)	2040
Phelan Ave. - Senter Rd. to east terminus	7	900	1		\$41,584	5%	(\$873,000)	2040
Pomona - Barnard Av to San Jose Av	7	600	1		\$11,648	2%	(\$582,000)	2040
Senter Rd - Singleton to Capitol Expwy.	7	1000	2		\$47,405	4.9%	(\$970,000)	2040
Senter Rd - Feldspar to Umbarger	7	700	2		\$65,393	10%	(\$679,000)	2040
Senter Rd - Forestbrook to Coyote	7	1600	3		\$69,899	5%	(\$1,552,000)	2040
Senter Rd - Southside to Capitol Expwy.	7	700	1		\$62,374	9%	(\$679,000)	2040
Seventh - Leo to 700' South	7	700	1		\$8,956	1%	(\$679,000)	2040
Seventh St. - Alma to Phelan	7	1950	4		\$105,640	6%	(\$1,891,500)	2040
Smith Ave. - Phelan to 500 feet southerly	7	500	1		\$13,440	3%	(\$485,000)	2040

FY 17-18 RULE 20B (IN-LIEU FEE) UNDERGROUNDING MASTER PLAN
Proposed Project Areas that meet General Criteria

PROJECT LOCATION	COUNCIL DISTRICT	LENGTH OF PROJECT (FT)	#	IN-LIEU FEES PAID TO DATE			PROJECT COST	ANTICIPATED FULL FUNDING COLLECTION
				COLLECTED THIS FY 2017-2018 (\$)	Total (\$)	% PROJECT COST		
Snell-Capitol Expwy. to Hillsdale	7	2200	1		\$35,432	2%	(\$2,134,000)	2040
Story Rd - McLaughlin to Olander Ct.	7	800	1		\$22,400	3%	(\$776,000)	2040
Tully Rd - Monterey Rd to 7th St	7	1600	3		\$206,275	13%	(\$1,652,000)	2040
Tully Rd - Kenoga Dr to McLaughlin Av	7	1800	1		\$150,744	9%	(\$1,746,000)	2040
Umbarger - Monterey Hwy to Cramer Circle	7	3000	3		\$232,906	8%	(\$2,910,000)	2040
King Rd - Flanigan Dr to Barberry Ln	8	2700	2		\$36,783	1%	(\$2,619,000)	2040
Quimby Rd - White Rd to Burdick	8	1200	2		\$105,308	9%	(\$1,164,000)	2040
Ruby Av - Holderman Dr to Tully Rd	8	2000	3		\$86,716	4%	(\$1,940,000)	2040
San Felipe Rd - 700' north of Yerba Buena to Delta Rd	8	2300	5		\$218,111	10%	(\$2,231,000)	2040
San Felipe Rd - Delta to Fowler	8	2000	2		\$131,591	7%	(\$1,940,000)	2040
San Felipe Rd - Yerba Buena Ave to Riedel	8	900	1		\$11,747	1%	(\$873,000)	2040
Silver Creek - Daniel Maloney to Ravens Pl.	8	1700	1		\$21,477	1%	(\$1,649,000)	2040
White Rd. - Quimby to Sturtia	8	700	1		\$18,138	3%	(\$679,000)	2040
Almaden-Los Gatos - Selinda to Harwood	9	1600	1		\$1,840	0.1%	(\$1,552,000)	2040
Blossom Hill - Harlow Way to Harwood Rd	9	800	1		\$15,682	2%	(\$776,000)	2040
Blossom Hill - Croydon Av to Selfert Av	9	500	1		\$32,654	7%	(\$485,000)	2040
Branham - Cherry to Bald Eagle Wy	9	800	2		\$65,627	8%	(\$776,000)	2040
Branham - Jarvis to Meridian	9	2700	2		\$37,097	1%	(\$2,619,000)	2040
Branham Ln. - 85 Offramp to Tupolo Dr.	9	1000	1		\$41,388	4%	(\$970,000)	2040
Branham Ln. - Tupolo Dr. to Meridian	9	2400	1		\$68,985	3%	(\$2,328,000)	2040
Branham Ln. - Glenmont Dr. to Pearl Av	9	1200	1		\$60,349	5%	(\$1,164,000)	2040
Camden Ave. - Vista Loop to Coleman Ave	9	600	1		\$19,900	3%	(\$582,000)	2040
Curtner - Coit to Leigh	9	900	1		\$21,773	2%	(\$873,000)	2040
Leigh - Curtner to Cody	9	1500	4		\$132,592	9%	(\$1,455,000)	2040
Curtner Ave - Bascom to 1500' W/o Joseph	9	1600	2		\$43,009	3%	(\$1,552,000)	2040
Foxworthy Av - Yucca Av to Arroba Wy	9	1600	2		\$12,660	2%	(\$582,000)	2040
Harwood - Branham to Albert	9	600	1		\$12,660	2%	(\$582,000)	2040
Kooser - Gatewood to Camden	9	2400	3		\$124,681	5%	(\$2,328,000)	2040
Kooser - Gatewood to Meridian	9	1400	1		\$13,064	1%	(\$1,358,000)	2040
Los Gatos-Almaden - Escobar (L.G.) to Roswood	9	1600	2		\$55,770	4%	(\$1,552,000)	2040
Los Gatos-Almaden Rd. - Union to Warwick	9	1400	3		\$88,395	7%	(\$1,358,000)	2040
Union - L. G. Almaden Rd. to 300' s/o L. G. Almaden(SJ border)	9	1000	1		\$2,235	0.2%	(\$970,000)	2040
Old Almaden Rd. - Foxworthy to Capitol Exp.	9	700	1		\$44,638	6.6%	(\$679,000)	2040
Kell - Old Almaden Rd. to Almaden Exp.	9	1000	1		\$18,036	2%	(\$970,000)	2040
Pearl Ave. - Kozera Dr. to Adamo Dr.	9	177	1		\$7,968	5%	(\$171,690)	2040
Ross - Hillsdale to Brighton	9	500	2		\$52,325	11%	(\$485,000)	2040
Saratoga Ave - Gas Station (Refund)	9	1000	1		\$21,174	2%	(\$970,000)	2040
Saratoga Av - Gas Station	9	1950	1		\$60,104	3%	(\$1,891,500)	2040
Union - Bascom to Curtner	9	2400	3		\$87,333	4%	(\$2,328,000)	2040
Union - Ronda to Roswood	9	140	1		\$59,820	44%	(\$135,800)	2030
Union - Samaritan Ln. to Barrett Ave.	9	280	1		\$51,313	19%	(\$271,600)	2040
Union Ave - Camden to Crone Way	9	150	1		\$63,268	43%	(\$145,500)	2040
Almaden Road - corner of Almaden Expwy	10	900	1		\$26,204	3%	(\$873,000)	2040
Almaden Road - Viewpoint Ln to Almaden Expwy	10	1100	5		\$219,533	21%	(\$1,067,000)	2040
Almaden Road - Big Sur Dr to McKean Rd	10	1000	3		\$41,629	4%	(\$970,000)	2040
Blossom Hill - Hoffman Ct to Croydon Av	10	1500	3		\$173,833	12%	(\$1,455,000)	2040
Blossom Hill Rd - Cahalan Av to Chesbro Av	10	1000	3		\$31,360	3%	(\$970,000)	2040
McAbee Rd. - Jull Lynn to Peralta	10	2000	1		\$124,222	6%	(\$1,940,000)	2040
McKean Rd & Almaden Rd. to Cahen Dr.	10	1500	3		\$19,320	1%	(\$1,455,000)	2040
Pearl Av - Capitol Expwy to Edenbury Dr	10	1500	1					
Redmond - Almaden Expwy. to the Golf Creek	10	2000	1					
El Paseo Dr. - Redmond to 800' s/o Redmond	10	1500	1					
Snell - Chynoweth to Tradewinds	2,10	1500	1					

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PROJECT LOCATION	COUNCIL DISTRICT	LENGTH OF PROJECT (FT)	#	IN-LIEU FEES PAID TO DATE			PROJECT COST	ANTICIPATED FULL FUNDING COLLECTION
				COLLECTED THIS FY 2017-2018 (\$)	Total (\$)	% PROJECT COST		
Snell - Giuffrida to Blossom Hill								
Blossom Hill - Snell to 100' east	2,10	700	2		\$18,859	3%	(\$679,000)	2040
Mabury Rd. - Berryessa to Mabury O.C.	4,5	3200	3		\$34,849	1%	(\$3,104,000)	2040
McKee - Capitol Ave. to Sorge Park Pl.	4,5	1400	3		\$70,345	5%	(\$1,358,000)	2040
White Rd. - Cunningham Ave. to Ocala	5, 8	1200	2		\$46,200	4%	(\$1,164,000)	2040
Story Rd. - Knox Av to S King Rd	5,7	1000	4		\$100,843	10%	(\$970,000)	2040
King Rd. - Story Rd to 100' north								
Hillsdale Ave. - Pearl to Gaudalupe River	6,10	1600	1		\$3,312	0.2%	(\$1,552,000)	2040
Willow St. - Curtiss to Deimas to Minnesota	6,3	2400	5		\$113,846	5%	(\$2,328,000)	2040
Blossom Hill Rd. - Blossom River to Russo	9,10	3400	11		\$112,399	3%	(\$3,298,000)	2040
Branham - Almaden Expressway to Silvera	9,10	1300	2		\$32,285	3%	(\$1,261,000)	2040
Pearl - Branham to Kozera Dr.	9,10	1600	1		\$8,845	1%	(\$1,552,000)	2040
TOTAL IN-LIEU FEES COLLECTED THIS FY 2017-2018					\$850,504			

LEGEND:**BOLD TEXT** REPRESENTS PROJECTS COMPLETED DURING FISCAL YEAR 2017-2018**BOLD ITALIC TEXT** REPRESENT FEES COLLECTED DURING FISCAL YEAR 2017-2018**BOLD ITALIC (REFUND)** TEXT REPRESENT REFUND ISSUED DURING FISCAL YEAR 2017-2018

FEES PAID REPRESENT A BASE FEE OF \$92 (BEFORE 7/1/96), \$112 (BETWEEN 7/1/96 AND 9/8/2002), \$224 (BETWEEN 9/9/2002 AND 8/14/2009), \$395 (BETWEEN 8/14/09 AND 12/31/09), \$393 (BETWEEN 1/1/10 AND 12/31/10), \$409 (BETWEEN 1/1/11 AND 1/30/2012) \$412 (BETWEEN 1/31/2012 AND 1/30/2013) \$418 (BETWEEN 1/31/13 AND 1/30/14) \$441 (BETWEEN 1/31/14 AND 1/30/15), \$441 (1/31/15 AND 1/30/16) \$451 (BETWEEN 1/31/16 AND 1/30/17) AND \$469 (AFTER 1/31/17) PER LINEAR FOOT OF FRONTAGE FEES ARE COLLECTED ON BOTH SIDES OF THE STREET.



**Pacific Gas and
Electric Company**

U 39

San Francisco, California

Revised
Cancelling Revised

Cal. P.U.C. Sheet No. 42822-E
Cal. P.U.C. Sheet No. 42223-E

Electric Sample Form 79-1127
Agreement to Perform Tariff Scheduled Related Work,
Rule 20A General Conditions

Sheet 1

**Please Refer to Attached
Sample Form**

Advice 5349-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Date Filed August 3, 2018
Effective August 3, 2018
Resolution _____



**Pacific Gas and
Electric Company**

GENERAL CONDITIONS AGREEMENT TO PERFORM WORK PURSUANT TO PG&E ELECTRIC RULE 20A – REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES

PG&E Contract: _____
Contact #: _____

PROJECT NAME: _____

LOCATION: _____, CALIFORNIA

City/County of _____ (Governmental Body) has requested, and PACIFIC GAS AND ELECTRIC COMPANY (PG&E) has agreed to perform the replacement of overhead with underground electric facilities pursuant to Section A of PG&E's Electric Rule 20 Tariff (Electric Rule 20A), subject to the following General Conditions Agreement.

Rule 20A Tariff:

PG&E will, at its expense, replace its existing overhead electric facilities with underground electric facilities along public streets and roads, and on public lands and private property across which rights-of-way satisfactory to PG&E have been obtained by PG&E, consistent with Electric Rule 20A.

To ensure the success of this Electric Rule 20A project, Governmental Body and PG&E agree to the following terms. Any exceptions to these terms will require an advice filing with the California Public Utilities Commission (CPUC), with notice to the Governmental Body in accordance with General Order 96-B or any successor orders.

Responsibilities of the Governmental Body:

PG&E's Electric Rule 20A sets forth a program for replacing existing overhead electric facilities with underground electric facilities subject to certain requirements. In order to implement the Electric Rule 20A program as requested by the Governmental Body, the Governmental Body hereby agrees to:

- 1) Consult with PG&E to confirm the requirements of an Electric Rule 20A project and the location of the specific Electric Rule 20A project.
- 2) Hold public hearing(s) on the proposed Electric Rule 20A project in order to determine that the specific Electric Rule 20A project is in the general public interest.
- 3) Provide PG&E with a duly-adopted ordinance or resolution, as appropriate, creating an underground district in the area in which both the existing and new facilities are and will be located, requiring, among other things:
 - a) That all existing overhead communication and electric distribution facilities in such district shall be removed;
 - b) That each property served from such electric overhead facilities shall have installed in accordance with PG&E's rules for underground service, all electrical facility changes on the premises necessary to receive service from the underground facilities of PG&E as soon as it is available; and
 - c) Authorizing PG&E to discontinue its overhead electric service upon completion of the underground distribution system.
- 4) Acknowledge that wheelchair access is in the public interest and will be considered as a basis for defining the boundaries of projects that otherwise meet the criteria set forth in PG&E's Electric Rule 20A, Subsection 1(a).
- 5) Provide PG&E with a project boundary map and available drawings showing all known Governmental Body-owned facilities and known road improvements.
- 6) Identify property owners/persons responsible for the properties identified by PG&E as requiring easements. Make initial contact with the property owners/responsible persons, mail PG&E prepared easement documents, and coordinate meetings for the purpose of assisting PG&E with acquisition of necessary easements.



GENERAL CONDITIONS AGREEMENT TO PERFORM WORK PURSUANT TO PG&E ELECTRIC RULE 20A – REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES

- 7) Provide PG&E with the Governmental Body's published standard for trench restoration and backfill requirements prior to start of engineering for the project, and require joint trench participants to replace paving, landscaping, sidewalk, etc., in accordance with the Governmental Body's published standard for trench restoration and backfill requirements that is removed or damaged during construction.
- 8) Work cooperatively with PG&E to schedule undergrounding projects prior to paving projects or after the paving moratorium period. If the Governmental Body elects to construct the undergrounding project prior to the end of the paving moratorium period, restoration and backfill requirements shall not exceed the standards for non-moratorium streets, described in Section 7 above.
- 9) Prior to the start of the project design, elect how to address streetlights impacted within the project scope.
- 10) Prior to the start of the project design, provide a list of all recorded property owners (including APNs and addresses based on current tax assessor records).
- 11) By the end of the project design, disclose all intended permit conditions, fees, and cost details. If the Governmental Body is a joint trench participant, the Governmental Body will pay its share of the associated permit costs.
- 12) Provide PG&E with recent pot holing/core samplings and soils/paving information from other projects, if available.
- 13) Work cooperatively with PG&E to establish work hour restrictions for construction, including holiday and/or special construction limitations.
- 14) Survey, stake, and provide drawings to PG&E for any future known Governmental Body road improvement, grade changes, or viaduct projects known or planned within the project limits.
- 15) Work cooperatively with PG&E to identify a suitable construction yard for the Rule 20A project. If the Governmental Body is a joint trench participant, will pay its share of the associated construction yard costs.
- 16) Work cooperatively with PG&E concerning contaminated soils and cultural resources.
 - a) Contaminated Soils. In the circumstance where contamination may be a concern, PG&E's Electric Rule 20A funds will be used for core samples to design a project to avoid environmental issues. In the event contamination is encountered that triggers federal, state, and/or local laws and regulations which restrict or prohibit further work in the trench, PG&E will suspend work in the affected area until all measures required by law have been completed by the Governmental Body or other party responsible for such contamination.
 - b) Cultural Resources. In the circumstance where cultural resources are encountered that trigger federal, state, and/or local laws and regulations which restrict or prohibit further work in the trench, PG&E will suspend work and comply with the appropriate notification requirements.
- 17) Electric Service Panel Conversion: Governmental Body may choose to be the lead in the conversion of electric service panels to accept underground service. If so and stated in the ordinance or resolution, PG&E shall pay the Governmental Body up to the maximum amount allowed by the Electric Rule 20A Tariff per service entrance, excluding permit fees. If the panel conversions are performed by the property owner, the Governmental Body will coordinate the reimbursement of PG&E funds, to the property owner / responsible party, up to the maximum amount allowed by the Electric Rule 20A Tariff per service entrance, excluding permit fees.
- 18) Subsurface Equipment: Governmental Body may request that PG&E install electrical equipment subsurface. If PG&E agrees, then, the Governmental Body's Electric Rule 20A allocation shall be used for the additional costs necessary to complete the subsurface installation. The Governmental Body shall be responsible for paying the appropriate one-time maintenance charge. However, in the event that pad-mounted equipment cannot be installed due to field conditions, the Governmental Body will not be charged the one-time maintenance fee.

The one-time maintenance charge is calculated by multiplying the Estimated Special Facility Cost by a one-time Cost-of-Ownership factor which represents the present worth of estimated operations and maintenance expenses per dollar of facility cost. The Estimated Special Facility Cost will vary



GENERAL CONDITIONS AGREEMENT TO PERFORM WORK PURSUANT TO PG&E ELECTRIC RULE 20A – REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES

depending on the transformer size. The Estimated Special Facility Cost equals the Estimated Non-Standard Special Facility Cost minus the Estimated Standard Facility Cost. The one-time Cost-of-Ownership factor is: ((current monthly Cost-of-Ownership factor x 12 months) x (current Present Worth Factor)). The monthly Cost-of-Ownership factor is stated in Rule 2 of PG&E's tariff. For example, based on the monthly Cost-of-Ownership factor as of January 1, 2018, the one-time maintenance charge would be (((0.53% x 12) x (14.2)) x (Estimated Special Facility Cost)). This is for example purposes only and the formula factors may change over time.

Responsibilities of PG&E:

PG&E's Electric Rule 20A sets forth a program for replacing existing overhead electric facilities with underground electric facilities subject to certain requirements. In order to implement the Electric Rule 20A program as requested by the Governmental Body, PG&E hereby agrees to:

- 1) Consult with the Governmental Body to confirm the requirements of Electric Rule 20A, including but not limited to holding public hearings, adoption of an ordinance or resolution, and creation of a project boundary map.
- 2) Prepare a base map showing the following: boundary, roads, sidewalks, curbs, property lines, buildings, existing water and sewer, easements, and any other known utilities or obstacles.
- 3) Upon request of the Governmental Body, initiate project design sufficient to identify trench routes and obtain any necessary easements with the express understanding that if the underground district is subsequently delayed or cancelled, PG&E shall deduct all project-related expenses, including overheads, from the Governmental Body's Electric Rule 20A allocation. If the necessary easement(s) cannot be obtained, the Governmental Body may elect to change the project scope, request redesign of the project to avoid the need for the easement(s), or request that the project be postponed.
- 4) If PG&E is designated as the design/trench lead, PG&E shall prepare the intent drawings, composite drawings and joint trench cost agreement for joint trench construction (costs will be shared by all joint trench participants). If an entity other than PG&E is designated as the design/trench lead, PG&E shall provide electric design to the design/trench lead agency.
- 5) Disclose project impacts to the existing streetlight system.
- 6) If PG&E is designated as the joint trench lead, provide Governmental Body with traffic control plan for PG&E construction pursuant to the California Manual on Uniform Traffic Control Devices (MUTCD) as part of the permit process.
- 7) Identify all locations that require an easement(s) for PG&E, prepare all necessary easement related documents, and with the cooperation of the Governmental Body (as described in item 6 of "Responsibilities of Governmental Body" above), secure easements to the satisfaction of PG&E.
- 8) Once the design process begins, provide a project schedule and cost updates on a quarterly basis to the Governmental Body.
- 9) Provide proper notification to all affected customers when electrical outages are necessary to complete project conversion to the new underground system.
- 10) Remove poles, portions of poles, or tenant poles from the underground district as required by the Joint Pole Utility Agreement.
- 11) Provide inspection services for the installation of PG&E facilities.
- 12) Work cooperatively with the Governmental Body concerning contaminated soils and cultural resources.
 - a) Contaminated Soils. In the circumstance where contamination may be a concern, PG&E's Electric Rule 20A funds will be used for core samples to design a project to avoid environmental issues. In the event contamination is encountered that triggers federal, state, and/or local laws and regulations which restrict or prohibit further work in the trench, PG&E will suspend work in the affected area until all measures required by law have been completed by the Governmental Body or other party responsible for such contamination.



GENERAL CONDITIONS AGREEMENT TO PERFORM WORK PURSUANT TO PG&E ELECTRIC RULE 20A – REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES

- b) Cultural Resources. In the circumstance where cultural resources are encountered that trigger federal, state, and/or local laws and regulations which restrict or prohibit further work in the trench, PG&E will suspend work and comply with the appropriate notification requirements.
- 13) Electric Service Panel Conversion: Governmental Body may choose for PG&E to be the lead for the panel conversion. If so, then PG&E will convert the electric service panels to accept underground services. PG&E will have its selected contractor communicate to each property owner / responsible party the plan for the trench and panel locations and reach an agreement with the property owner / responsible party before proceeding with conversion. PG&E will be responsible for any work up to and including the meter. Any additional work needed by the property owner / responsible party will be at owner's / responsible party's costs. PG&E will require its selected contractor to abide by all Governmental Body's applicable laws and regulations.
- 14) Subsurface Equipment: Governmental Body may request that PG&E install equipment subsurface. If PG&E agrees, then the Governmental Body's Electric Rule 20A allocation shall be used for the additional installation costs necessary to complete the subsurface installation. The Governmental Body shall be responsible for paying the appropriate one-time maintenance charge. However, in the event that pad-mounted equipment cannot be installed due to space constraints, the Governmental Body will not be charged the one-time maintenance fee.

The one-time maintenance charge is calculated by multiplying the Estimated Special Facility Cost by a one-time Cost-of-Ownership factor which represents the present worth of estimated operations and maintenance expenses per dollar of facility cost. The Estimated Special Facility Cost will vary depending on the transformer size. The Estimated Special Facility Cost equals the Estimated Non-Standard Special Facility Cost minus the Estimated Standard Facility Cost. The one-time Cost-of-Ownership factor is: $((\text{current monthly Cost-of-Ownership factor} \times 12 \text{ months}) \times (\text{current Present Worth Factor}))$. The monthly Cost-of-Ownership factor is stated in Rule 2 of PG&E's tariff. For example, based on the monthly Cost-of-Ownership factor as of January 1, 2018, the one-time maintenance charge would be $((0.53\% \times 12) \times (14.2)) \times (\text{Estimated Special Facility Cost})$. This is for example purposes only and the formula factors may change over time.



**GENERAL CONDITIONS AGREEMENT TO
PERFORM WORK PURSUANT TO PG&E ELECTRIC
RULE 20A – REPLACEMENT OF OVERHEAD WITH
UNDERGROUND ELECTRIC FACILITIES**

I have read the above information and understand and agree with the provisions and responsibilities as described above. I understand that this agreement at all times shall be subject to such modifications as the California Public Utilities Commission may direct from time to time in the exercise of its jurisdiction. I hereby attest, under penalty of perjury, that I am authorized to enter into this agreement on behalf of the entity indicated below.

Executed this _____ day of _____ 20_____

City/County of:

PACIFIC GAS AND ELECTRIC COMPANY

Governmental Body

Authorized by (Signature)

Authorized by (Signature)

Print Name

Print Name

Title

Title

Mailing Address

