

CITY OF OAKLAND
AGENDA REPORT

FILED
OFFICE OF THE CITY CLERK
OAKLAND
2009 SEP 17 PM 7:13

TO: Office of the City Administrator
ATTN: Dan Lindheim
FROM: Public Works Agency
DATE: September 29, 2009

RE: **A Report From The Public Works Agency Electrical Services Division On The Current Process For Prioritization Of Underground Utility Projects Within The City Of Oakland, With Discussion On The Current "First Come, First Served" Neighborhood Petition Procedure Process**

SUMMARY

The Public Works Committee at its January 13, 2009 meeting requested to revisit the question of how the City should implement its underground utility program. This issue has previously been discussed by the Public Works Committee at its February 8, 2005 meeting; March 22, 2005 meeting; May 24, 2005 meeting; briefly at its April 8, 2008 meeting; and most recently at its April 22, 2008 meeting. This report discusses the current practice for implementing underground utility projects and attaches all previous Council reports on the subject for reference.

Prioritization of Underground Utility Projects

The Public Works Agency has been implementing Underground Utility Districts in the City of Oakland for the last 42 years using a process known as "First Come, First Served." During this period of time, Oakland has implemented about 200 underground projects throughout the City. Underground projects have been implemented in each council district. These underground projects cover both commercial corridors and residential streets. The process begins with a neighborhood organization submitting a petition to underground the utilities in a specific area. Upon successful completion of the petition process, PWA Electrical adds the proposed district to the list of "City of Oakland Underground Utility Projects." Currently, the City of Oakland Underground Utility Projects list has 23 listings: 2 approved districts and 21 proposed districts (**Attachment D**). Based on an annual funding level of \$3.6 million per year, the timeline for completing the current list of underground projects is estimated to be approximately 40 years.

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BACKGROUND

Undergrounding of Electric, Phone, Cable TV and Street Lighting

The undergrounding of electric, phone, cable TV and street lighting consists of the placement of aerial utility wires in underground conduits. The work commences with the construction of a substructure consisting of underground ducts and vaults for the wires and cables. After the substructure is built, the utility companies, cable TV, and City Electrical pull in cables and install their new facilities underground. A complete startup of the new underground facilities follows, before a systematic cutover process is done to convert the overhead services to the new underground feeds. Upon completion of all conversions for each of the participants, the overhead wires and wood poles are removed.

The California Public Utilities Commission encourages the practice of undergrounding. Since the early 1970s, undergrounding has become mandatory for all new residential construction. There are three different types of undergrounding, based on who pays for the cost of the projects - 20A Undergrounding, 20B Undergrounding, and 20C Undergrounding. Each is described below:

20A Undergrounding (As Practiced in Oakland)

Over the past 42 years, the City of Oakland has completed about 200 underground utility projects of all sizes throughout the City under the category of 20A (**Attachment C**). Criteria for the selection of streets in underground projects are based on PG&E Tariff Rule 20A. Findings of one or more of the following must be made in order to qualify an undergrounding project for Rule 20A funding (**Attachment F**):

1. – heavy overhead electric facilities
2. – heavy volume of auto and pedestrian traffic
3. – civic area or public recreation area
4. – arterial street or major collector

Typically a qualification inspection is done by the utilities, Comcast and the City, approximately three years before the project is slated to begin construction.

In this practice, the City has utilized the “First Come, First Served” Process. When contacted by interested parties, PWA Electrical Services sends out an information package explaining the petition process for 20A Undergrounding (**Attachment G**).

Based on submitted petitions from various neighborhood groups, PWA Electrical has compiled a current list of City of Oakland, Underground Utility Projects, which in its present form consists

of two (2) approved projects, and twenty one (21) proposed projects, for a total of twenty-three (23) projects. At the current rate of funding (\$3.6 million per year), PWA Electrical estimates it would take approximately 40-years to complete the projects on this list (**Attachment D**). A modified version of this current list of City of Oakland, Underground Utility Projects includes the Council District in which the projects are located (**Attachment E**).

20B Undergrounding (As Practiced in Oakland)

Because the City pays for a large part of the total undergrounding cost up-front, there has been only one 20B underground utility project in Oakland. The utilities and Comcast combined pay a relatively small portion of the total cost. In 2002, CEDA requested PWA Electrical to underground the pole line in front of the Coliseum BART Station. This became the first ever 20B underground project in Oakland, and Council established this underground district in 2005 as the "Coliseum BART Station Area Underground Utility District No. 235".

Property owners requesting a 20B underground project would be obligated to pay all costs associated with the City and utility portions of the construction.

20C Undergrounding (As Practiced in Oakland)

All new developments in Oakland are 20C type undergrounding. The developer pays all the costs associated with the development including the cost of undergrounding utilities. The developers pass on the cost of the entire project to the buyers of the properties at the time of sale.

FISCAL IMPACT

The case for undergrounding is well supported by communities, utilities, CPUC, and local jurisdictions. However, the biggest impediments are the expense and long lead time required to coordinate the participants of a typical underground utility project. Due to the significant resources needed to implement them, seed monies are needed to pay upfront costs for the creation of Underground Utility Districts. Further, Special Assessment Districts are created to pay the City's portion of the cost. Typical costs for the three different types of undergrounding projects are:

20A Oakland Cost Estimate

- Each entity, PG&E, AT&T, Comcast and City of Oakland (City) street lighting, is responsible to plan and fund construction of their facilities.
- PG&E 20A –PG&E collects a fee from its ratepayers Citywide and uses these funds to supplement its cost in executing 20A projects within the City. PG&E labels these allocations as “Work Credit”. For Oakland, the PG&E Rule 20A Electric Underground Work Credit Allocation was \$3.6 Million in 2008 (**Attachment A**).
- AT&T 32A - covers its cost using its own funds.
- Comcast pays 100% of its cost per its obligations under the franchise agreement with the City.
- City creates an assessment district to fund outside consultants, assessment district consultants, attorneys, City staff, bond issuance, recapture of seed money, street lighting installation, materials purchases, the City’s share of composite engineering, underground construction, City project administration and Right-of-Way (ROW) management. Oakland issues bonds to finance its cost of the 20A project.

Based on the typical cost split between the City versus the Utilities and Comcast, the historical cost ratio of underground utility projects trends at: City 15%, and Utilities and Comcast 85%. The City had provided property owners with the following projected cost estimates:

- Up to Year 2000 - \$5,000 per property. (Cost estimates given to the residents up to Year 2000 are no longer representative of current costs to the property owner for covering their share).
- In 2009 - \$13,000 per property (MacArthur.)
- In 2012 - \$14,700 per property (Piedmont Pines.)

20B Oakland Cost Estimate

Each entity, PG&E, AT&T, Comcast and City of Oakland (City) street lighting, is responsible to plan construction of their own facilities.

Comcast pays 100% of its cost per its franchise agreement with the City.

Petitioners or City representatives requesting the project would provide funding to offset any utility expenses and to cover cost of any upgrades to the City infrastructure. The typical cost split under this scenario would be City 85% and Utilities 15%.

20C Oakland Cost Estimate

Developers fund 100% of all utilities and City street-lighting costs as part of their developments.

CURRENT PROJECTS STATUS

Utilizing the current practice of first come first served, the Piedmont Pines project is next in line to be undergrounded. In 1987, the Piedmont Pines Area petitioned the City to form an underground district, and the Council passed Resolution No. 75652 C.M.S. on May 2, 2000, to form the Underground Utility District No. 232, Piedmont Pines Area. The MacArthur Underground Project was moved ahead of the Piedmont Pines Underground Project, in order to accommodate a scheduled streetscape project on MacArthur Boulevard. The City decided that undergrounding should precede the streetscape to minimize cost and inconvenience. Now that MacArthur Underground Project is near completion, the next Rule 20A project in the queue is Piedmont Pines and it is moving ahead. The Assessment District for Piedmont Pines Phase 1 has been created and the design of Piedmont Pines Phase 1 is in progress. The selection of an assessment engineer for the creation of the Assessment District for Piedmont Pines Phase 2 will be the next step.

RECOMMENDATION(S) AND RATIONALE

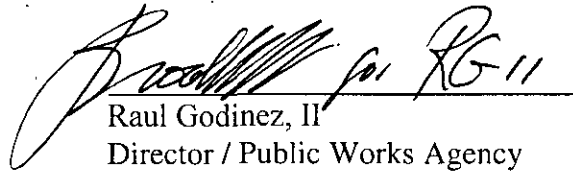
For Council reference, staff attached the "Supplemental Report Addressing the Issues Raised At The Public Works Committee Meeting On April 8, 2008, On The Assessment District For Piedmont Pines Phase I, Regarding Whether Council Had Directed Public Works on the Implementation of Underground Utility Districts", dated April 22, 2008 (**Attachment B**). Also included for Council reference is the agenda report: "A Status Report on the Policy and Procedure for the Establishment and Implementation of Underground Utility Districts", dated February 8, 2005 (**Attachment A**).

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ACTION REQUESTED OF THE CITY COUNCIL

No action is requested of City Council at this time.


Respectfully submitted,


Raul Godinez, II
Director / Public Works Agency

Reviewed by:
Bruce Saunders, Assistant Director
Dan Clanton, Manager, Electrical Services Division

Prepared by:
Paul Chan, Project Manager, PWA Electrical

APPROVED AND FORWARDED TO THE
PUBLIC WORKS COMMITTEE:



Office of the City Administrator

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Public Works Committee
September 29, 2009

ATTACHMENTS:

- Attachment A: PG&E letter on 2008 Rule 20A Allocation & Work Credit Status, dated September 17, 2008
- Attachment B: Agenda Report: Supplemental Report Addressing the Issues Raised at the Public Works Committee Meeting on April 8, 2008, on the assessment District for Piedmont Pines Phase I, Regarding whether council had directed Public Works on the Implementation of Underground Utility Districts, dated April 22, 2008
- Attachment C: Completed Underground Utility Districts, From 1968 to Date, dated April 22, 2008
- Attachment D: City of Oakland Underground Utility Projects, dated November 13, 2007
- Attachment E: City of Oakland Underground Utility Projects, dated March 22, 2005
- Attachment F: PG&E Rule 20 – Replacement of Overhead with Underground Electric Facilities, dated July 31, 2002
- Attachment G: Typical material package City mail to petitioners for new proposed underground districts, dated January 12, 2001



Pacific Gas and
Electric Company

9/23/08 C: B. SAUNDERS
D. CLANTON ✓

September 17, 2008

RECEIVED
CITY OF OAKLAND
PUBLIC WORKS DEPARTMENT
ADMINISTRATION
2008 SEP 22 PM 4:59

City Administrator
City of Oakland
1 City Hall Plaza, 3rd Floor
Oakland, CA 94612

Subject: 2008 Rule 20A Allocation & Work Credit Status

Dear City Administrator,

The purpose of this letter is to update you on your community's Rule 20A Electric Underground Work Credit Balance. The table below shows your Rule 20A Work Credit Balance as of June 30, 2008. This balance reflects closed projects, projects currently in progress, and pending ones that have an underground conversion resolution adopted prior to June 30, 2008.

Work Credit Status	
Account Balance as of 06/30/2007	\$24,708,126
Plus 2008 Allocation	\$3,603,831
Plus Adjustment	\$19,624
Less Closed Projects	\$ 0
Account Balance as of 06/30/2008	\$28,331,581
Less Projects in Progress (Estimated Value)	-\$12,500,000
Less Resolutions Adopted (Preliminary Value)	-\$22,850,000
Adjusted Balance as of 06/30/2008	\$-7,018,419

Expressed in dollars, the amounts listed above represent the value of work credits that apply only to qualified, public interest underground conversion projects pursuant to Rule 20A. However, notwithstanding the limitations on Rule 20A projects, these work credits may also be used as collateral to begin a Rule 20B neighborhood underground project design. If citizens in your community are interested in discussing a possible Rule 20B, please contact me for more information.

As with all major capital projects, when your community passes a resolution approving an underground district, it is categorized with other Rule 20A projects in the queue. At a company level, the actual budget and resources to do this work is prioritized with all other PG&E work. PG&E's first priority is maintaining overall electric system reliability to serve our customers. For example, customer service reliability projects receive higher priority and include repairing damaged lines and poles caused by storms, upgrading the electric capacity of the system, and connecting new customers. This means that while your underground project is important, we may not immediately be able to begin work after you have passed a resolution. For this reason, advance project planning is important. Also, Rule 20A underground conversion projects are complex, involving coordination with the community, PG&E, and other utilities, and includes complicated engineering to ensure that existing overhead systems remain operable until the moment of cut-over. Again, advance planning with the community and all affected utilities is critical to success.

PG&E values its partnership with the communities and we look forward to developing a plan that works for both of us. If you have any questions regarding your Rule 20A Work Credit Status, or if your community wants to discuss pending Rule 20A projects or potential future projects, please contact me at 707.577.7101.

ATTACHMENT "A"

Sincerely,

SINDY MIKKELSEN
Senior Program Manager - Rule 20A Program

cc: Public Works Director



Pacific Gas and
Electric Company

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Sindy Mikkelsen
Senior Program Manager
Electric Asset Strategy Department

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CITY OF OAKLAND

AGENDA REPORT

TO: Office of the City Administrator
ATTN: Deborah A. Edgerly
FROM: Public Works Agency
DATE: April 22, 2008

RE: *Supplemental Report Addressing The Issues Raised At The Public Works Committee Meeting On April 8, 2008, On The Assessment District For Piedmont Pines Phase I, Regarding Whether Council Had Directed Public Works On The Implementation Of Underground Utility Districts*

SUMMARY

At the Public Works Committee hearing of April 8, 2008, requesting a Resolution of Intention to Order Improvements for the Piedmont Pines Underground Project, the Public Works Committee asked staff whether the Council had directed Public Works on the implementation of underground utility districts with priority given to business corridors. Staff has researched this and confirmed that Public Works had submitted a status report on the Policy and Procedure for the Establishment and Implementation of Underground Utility Districts on February 8, 2005, with Supplemental Reports dated March 22, 2005, and May 24, 2005, respectively. These reports along with their respective meeting minutes are attached. To date, there had been no direction from Council to Public Works on the implementation of underground utility districts. Public Works continues to administer petition for undergrounding on public streets per OMC 12.16.010 Permit to Circulate Petition for Improvement.

FISCAL IMPACT

Since this report is informational only, no fiscal impacts are included.

BACKGROUND

The Department of Public Works maintains a list of proposed Underground Utility Projects and citizens interested in the undergrounding of utilities in their neighborhood can contact the Department of Infrastructure and Operations Electrical Services Division for a copy of the petition used to begin the process for utility undergrounding. This process was initiated in the late 1960s and has been in place for the past 45 years. Over 200 projects have been implemented and completed. Public Works Agency records show that projects have been initiated and completed in each of the seven council districts of the City of Oakland.

ATTACHMENT "B"

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April 22, 2008

In 1987, the Piedmont Pines Area petitioned the City to form an underground district, and the Council passed a resolution on May 2, 2000, to form the Underground Utility District No. 232, Piedmont Pines Area. The MacArthur Underground Project was moved ahead of the Piedmont Pines Underground Project, in order to accommodate a scheduled streetscape project on MacArthur Boulevard. The City decided that undergrounding should precede the streetscape to minimize cost and inconvenience. Now that MacArthur Underground Project is near completion, the next Rule 20A project in the queue is Piedmont Pines and it is ready to move ahead with the formation of the Assessment District for Piedmont Pines Phase 1.

RECOMMENDATION(S) AND RATIONALE

Staff recommends that Council review that attached Council reports on Policy & Procedure for the Establishment & Implementation of Underground Utility Districts from 2005, and accept this Supplemental Report.

ACTION REQUESTED OF THE CITY COUNCIL

No action is requested of City Council at this time.

Respectfully submitted,



Raul Godinez, II
Director / Public Works Agency

Reviewed by:

Bruce Saunders, Assistant Director
Dan Clanton, Manager, Electrical Services Division
Katano Kasaine, Manager, Treasury Department

Prepared by:

Paul Chan, Project Manager, PWA Electrical
David Jones, Principal Financial Analyst, Treasury Dept.

APPROVED AND FORWARDED TO THE
PUBLIC WORKS COMMITTEE:

Office of the City Administrator

Item: _____
Public Works Committee
April 22, 2008

Attachments:

Attachment A: Agenda Report: A Status Report on the Policy and Procedure for the Establishment and Implementation of Underground Utility Districts, dated February 8, 2005

Attachment B: Agenda Report: Supplemental Report Providing (1) A List of all completed Underground Utility Districts to Date, (2) A list of Petitioned Streets with Staff's Preliminary Evaluation Indicating Non-Qualifying Streets for Rule 20A Funding, and (3) A list of Business Corridors with Overhead Utility Lines for Undergrounding Consideration, dated March 22, 2005

Attachment C: Agenda Report: Supplemental Report Addressing the Issues Raised at the Public Works Committee Meeting on March 22, 2005, Regarding the Policy and Implementation of Underground Utility Districts, dated May 24, 2005

Attachment D: OMC: Chapter 12.16.010 Permit to Circulate Petition for Improvement.

CITY OF OAKLAND
AGENDA REPORT

FILED
OFFICE OF THE CITY CLERK
OAKLAND

2005 JAN 27 PM 6:21

TO: Office of the City Administrator
ATTN: Deborah Edgerly
FROM: Public Works Agency
DATE: February 8, 2005

RE: A STATUS REPORT ON THE POLICY AND PROCEDURE FOR THE
ESTABLISHMENT AND IMPLEMENTATION OF UNDERGROUND
UTILITY DISTRICTS

SUMMARY

The purpose of the report is to provide information on the history, policy and procedure pertaining to the formation and implementation of underground utility districts, and to highlight issues that need to be addressed to further the City's Undergrounding Program.

The City of Oakland has completed numerous underground utility districts since 1968 when the California Public Utilities Commission (CPUC) facilitated the conversion of electric and telecommunications facilities in the public right-of-way with Rule 20A funds.

Because the City of Oakland actively pursues an Underground Utility Program, coupled with citizens' better awareness of the advantages of utility undergrounding, the demand for it now is much greater than ever before. However, due to the existing constraints on use of Rule 20A funds, many of the proposed areas for undergrounding may not qualify for that funding. Interest in the undergrounding program is evidenced by the frequent inquiry calls the City receives every month as well as the expanded list of proposed underground districts awaiting evaluation to determine their eligibility for undergrounding with Rule 20A funds.

FISCAL IMPACTS

Since this report is informational only, no fiscal impacts are included.

BACKGROUND

On December 1, 1967, the State of California sponsored a conference on utility undergrounding in Los Angeles. Representatives from the League of California Cities, the utility companies, the State of California, counties and local governments attended the conference. The objective of the conference was to formulate a funding mechanism and criteria to provide funds for the municipalities to pay for the replacement of their utilities' overhead facilities in the right-of-way with an underground system. The conference was very successful.

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The final communiqué of the conference mandated the State of California to immediately authorize the CPUC to embark upon the development of the process and the establishment of the criteria for eligibility. Additionally, the CPUC was to require the electric companies (PG&E) and the telephone companies (SBC) to set aside funds annually for the municipalities to expend on underground conversion based on a formula depending on the number of electric meters in each municipality. The source of these funds is a fractional increase for the California electric and telephone ratepayers.

CPUC Rule 20A

In 1968, the CPUC passed Rule 20A which requires annual allocation of funds to municipalities by the State's utility companies to finance conversion of their existing pole lines to underground distribution systems. The street or streets eligible for the conversion must meet at least one of the Rule 20A criteria established by the CPUC and stated as follows:

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-ways satisfactory to PG&E have been obtained by PG&E, provided that:

1. The governing body of the city or county in which such electric facilities are and will be located has:
 - a. Determined, after consultation with PG&E and after holding public hearings on the subject, that such undergrounding is in the general public interest for one or more of the following reasons:
 - 1) Such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electric facilities;
 - 2) The street or road or right-of-way is extensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic;
 - 3) The street or road or 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; and
 - 4) The street or road or right-of-way is considered an arterial street or major collector as defined in the Governor's Office of Planning and Research General Plan Guidelines.

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(The full text of PG&E's Rule 20 can be accessed from the Public Works Agency website, <http://www.oaklandpw.com/undergrounding/index.htm>.)

The utilities and the City interpret and apply the criteria to determine whether a street qualifies. Parties that participate in the conversion, namely PG&E, SBC and the City, must have a consensus as to the eligibility of a particular street, using the Rule 20A criteria as the guideline. In the case of the City of Oakland, the parties are PG&E, SBC and the City. Comcast, though a participant, does not have to agree. The CPUC ruling does not obligate cable television companies to participate in the conversion because they are not categorized as utility companies. However, Comcast is bound by its franchise with the City to convert its overhead facilities to underground systems wherever PG&E is a participant. Likewise, SBC is obligated to underground when PG&E does. This makes PG&E Rule 20A funding the controlling funding source.

The funds allocated by PG&E and SBC as mandated by the CPUC are kept and managed by the utility company respectively; they must be used solely for undergrounding or undergrounding related work. The CPUC Rule 20A requires that a street or streets qualifying for undergrounding with Rule 20A funds must be in an Underground Utility District established by the City Council by Resolution before any undergrounding work is begun. City Council must hold a public hearing prior to the establishment of the district.

CPUC Rule 20B

Any street that does not qualify for 20A funding qualifies for 20B. Under CPUC Rule 20B, owners of properties in the street are responsible for the cost of undergrounding. The average cost for 20B undergrounding ranges from \$25,000 to \$ 60,000 per property depending on what needs to be done on a particular property. Most communities are keenly interested in the 20A program because the out-of-pocket expense is much lower in comparison to the 20B program. Funding can be accomplished by the formation of an assessment district or through other funding sources.

UTILITY UNDERGROUNDING POLICY AND PROCEDURE

Ordinance No. 7769 C.M.S. establishes the requirements and policy for utility undergrounding. To a large degree, it states the role and responsibilities of staff, City Council, the utilities and owners of properties within the established underground utility districts in order to facilitate their implementation.

The City of Oakland pursues undergrounding because undergrounding enhances public safety and economic development, a goal that staff relentlessly promotes to the utilities.

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As general practice, action on requests or petitions for undergrounding is taken on first-come, first-served basis unless otherwise directed by Council. Council moved up undergrounding on MacArthur in order to coordinate it with the streetscape project for MacArthur Boulevard to save the City money by trenching the street and sidewalk once. It was the first time Council moved a utility undergrounding project out of sequence.

Initiating an undergrounding project starts with a petition or a letter signed by a few property owners in a community, a merchants' association, or owners of properties on a particular street. The petition states the boundary of the street to benefit from undergrounding. Staff responds by telephone and in writing to acknowledge receipt of the petition and to inform the petitioner of the CPUC rules and the requirements of Ordinance No. 7769 C.M.S. that govern undergrounding with Rule 20A funds. The petitions received by the City are arranged in chronological order and placed on the waiting list (see Exhibit A).

The City, Comcast and the utilities thoroughly walk the petitioned street together at a later date and examine it by interpreting and applying the rules. The outcome of the evaluation is by consensus; but where there is some disagreement, debate and persuasion come into play until an agreement is reached. During the walk-through, the City always tries to get the optimum undergrounding possible by having the utilities look a little beyond the original boundary of the petitioned area. Sometimes the configuration of overhead lines on a street requires that the original boundary be extended to make engineering sense and to facilitate engineering design. Staff then formally informs the petitioners the outcome of the evaluation of their respective streets. If the area fails to qualify for Rule 20A funds, the petitioners are advised and given the option of undergrounding under Rule 20B and using an assessment district to fund it.

Staff works with the next street or area to qualify for Rule 20A funds and its residents and owners of properties on the street to begin the process of establishing and constructing an underground utility district. Every property owner within the official boundary is notified of the status of their proposed project, given a rough timeline when the City will meet with them to discuss their project, when property owners should expect the "YES in favor/NO against" vote card, and when the project will be presented to the City Council for public hearing before the establishment of the Underground Utility District. Because every property owner is required to participate in the conversion and incur certain predetermined out-of-pocket expenses (see Exhibit B), it makes sense that the property owner participates in the vote, or at least is sent the vote card with all pertinent information, including the approximate expense to be incurred by each property owner if the project moves forward.

Once an official boundary of the district is established, all impacted property owners informed, a community meeting held, and the vote returns are comfortably favorable (60%+), staff prepares City Council agenda items for a public hearing and for the establishment of the Underground Utility District. If an assessment district is necessary to pay for the new streetlights and the

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underground streetlight system, then a special vote for assessment first takes place. If the assessment passes, Council holds a public hearing and establishes the district after the public hearing. Costs for this work are paid for from Capital Improvement Program funds. The amount is reimbursed from the assessment district and then used for the next approved underground utility district. Upon the establishment of the district, staff and the utilities establish the schedule for completion of engineering design, start and completion of construction and staff stays on top of the schedule to ensure that it is met. A pre-construction community meeting is held shortly before construction starts to address the community and individual concerns during the construction. A PG&E crew or an outside contractor usually does the construction of the project for SBC or for the City. It is a long and protracted project as it involves PG&E, SBC, Comcast, the City and owners of properties in the district, each performing their respective tasks at various phases of the project. The removal of all overhead wires and wood poles in the district marks the completion of the project.

UPDATE OF EXISTING PROJECTS

The City recently completed La Salle/Liggett and Harbord/Estates underground utility projects. Staff has since been working on the MacArthur Boulevard project which extends from 73rd Avenue to the San Leandro city line. The contract for this project is being reviewed by the City Attorney for indemnification issues. Once the issues are resolved, the contract will be sent to the City Council with recommendation to award and construction will begin a few weeks thereafter. The project will take three years to complete. When the MacArthur project is fully underway, staff will start working on the first and second phases of the next project which are the arterial streets in the Piedmont Pines area, and continue working on and managing the San Leandro Street project.

The streets of the proposed projects are subject to future evaluation by the utilities and the City to determine if they qualify for funding under CPUC Rule 20A Based on the availability of funds, and if all the proposed projects qualified under CPUC Rule 20A, staff believes it will take 20 to 30 years to complete undergrounding on those streets. Non-qualifying areas can still benefit from undergrounding under CPUC Rule 20B through a funding mechanism resulting from an assessment district or through other funding sources.

Staff is currently engineering a Rule 20B undergrounding project on San Leandro Street from 66th Avenue to 73rd Avenue, and on 73rd Avenue between San Leandro Street and the Oakland Inter-City Rail Station. This area is across the street from the Coliseum BART station. The Community and Economic Development Agency (CEDA) requested staff to start this underground project in conjunction with the Coliseum Streetscape Project to minimize disruption, and to save the City money by trenching the street and sidewalk only once. However, PG&E was not able to initiate the project on a timely basis and provide the estimated costs. This has adversely impacted the Coliseum Streetscape Project as well as the Oakland Coliseum

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InterCity Rail Station Project. CEDA has committed and will provide the funds for this Rule 20B project. We anticipate construction to begin before the end of this year. The legislation establishing this Rule 20B Underground Utility District will be presented to Council for consideration in the foreseeable future shortly after staff receives the information needed from PG&E and CEDA.

The process of establishing an assessment district includes, but is not limited to, the following steps:

- Determine the proposed underground district boundary which is the assessment district.
- Prepare cost estimates based on the desired type of streetlights to be installed and how many, the number of properties to be impacted, including labor, other materials, Engineer's Report and outside assessment consultant (attorney).
- Meet with property owners to be impacted by the assessment/undergrounding and inform them about the project, the approximate assessment cost to each property owner and any possible additional expense to the property owner for underground conversion to their house as well as a rough timeline for the assessment and the undergrounding.
- Prepare Engineer's report (in house or consultant).
- City's Finance Agency, Treasury Division/Consultant to produce required maps, Assessor's Parcel Number for each parcel in the district.
- Treasury Division to send out assessment information/vote form and Notice of Hearing to every parcel owner. Assessment information includes the exact assessment amount, the manner in which it shall be paid and the hearing dates.
- First Hearing
- Second Hearing and establishment of the assessment district if vote/hearing is favorable
- Treasury Division records assessment district with the county.
- Treasury Division sends out letter to affected parcel owners, giving deadline lump sum payments and timeline for first installment amount to appear on the property tax statement.
- Public Hearing and establishment of the Underground Utility District

KEY ISSUES AND IMPACTS:

Considering the large number of proposed projects and the time it will take to implement them, receiving new petitions for undergrounding will extend the list and the time period for implementation too far into the future (more than 30 years).

The majority of the petitions for undergrounding come from the hill area of the City of Oakland. Staff feels that the residents in other parts of Oakland are less interested in undergrounding because of the out-of-pocket expenses that property owners must incur to convert overhead facilities to an underground system. The most recent amount assessed is approximately \$5,000

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per property. The assessment amount pays for underground streetlight system plus the cost of ornamental electroliers instead of the City's standard steel poles. A fairer distribution of underground districts in Oakland would require a review and revision of the process of initiating or applying for undergrounding as well as additional funding in lieu of an assessment.

The following is a summary of issues that need to be addressed:

- Undergrounding emergency evacuation routes.
- Undergrounding areas susceptible to wild fires caused by downed or arcing lines.
- Continuous action to get Rule 20A restrictive wording modified so the funds can be used for the above.
- Coordination with streetscape projects.
- Undergrounding in low income areas.
- Should areas not currently qualifying for Rule 20A funds stay on the list with the hope that Rule 20A will be modified?
- Should staff continue to accept new requests or petitions for undergrounding?
- Master Plan for undergrounding with emphasis on major thoroughfares and commercial areas and equitable distribution of undergrounding within the City of Oakland.

FUNDING FOR THE IMPLEMENTATION OF UNDERGROUND UTILITY DISTRICTS

In accordance with CPUC Rule 20A, PG&E currently allocates approximately \$3.3 million per year to the City of Oakland that is expended solely on undergrounding. SBC is required under its CPUC tariff to participate at its cost wherever PG&E is participating, and likewise, Comcast has to participate at its cost as required by the franchise agreement with the City. Our rough estimation is that every one mile of undergrounding costs approximately \$2 million of PG&E's allocation to the City, \$800,000 for SBC, and \$400,000 for Comcast. These costs could be much higher if the roadway is congested with pre-existing substructures, such as MacArthur Boulevard, the next project to be underway.

Until 1995, the City fully paid for the cost of streetlight underground systems in underground utility districts. But due to the City's serious budget constraints, it was decided that communities interested in undergrounding pay for the labor and materials required to replace and convert wood pole streetlights to underground systems with metal poles. The risk with this policy is that in the event that the assessment district is voted down by the property owners to be assessed, the project will be on hold indefinitely or even scrapped.

Currently, the City's allocated CPUC Rule 20A fund balance with PG&E is \$14.6 million. This amount does not include PG&E's cost of the MacArthur Undergrounding Project (from 73rd Avenue to the San Leandro city line), estimated to be \$12 million, and it does not include the closing cost adjustments for the last two underground utility projects (La Salle/Liggett and

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Harbord/Estates), estimated to be about \$600,000. The City's 2005 allocation of approximately \$3.3 million will take place in the first or second quarter of 2005, making the total 20A funds available to the City approximately \$18 million. SBC and Comcast do not divulge their budgeted amounts for undergrounding and they do not state their total final costs of underground projects. The City's primary interest is CPUC Rule 20A allocation by PG&E, the driving force behind undergrounding. The other parties are compelled to participate once PG&E takes on a project.

The City is responsible for the purchase of steel poles to be installed in underground utility districts. The estimated cost for installing a streetlight pole in an underground utility district is \$6,000 each. In addition to the cost of the standard steel pole, which is about \$3,000, the installation involves trenching, foundation, installation of the foundation, pulling cable and connection. Property owners pay these costs through an assessment district. A City electrical crew is utilized whenever it is deemed necessary. The City does the engineering design of the new streetlight system and the composite engineering when the City is a lead agent; the utilities and Comcast reimburse the City for the reasonable cost of the composite engineering and for any pertinent work. In general, the role of lead agent has been between PG&E and SBC. However, SBC has informed the City that it has stopped being the lead agent for underground utility projects. When the City is the lead agency, the City bids out the construction work for all the utilities and for the City. The City is responsible for administering the contract and costs even though PG&E, SBC and Comcast pay for their share of the work. Currently, PG&E cannot accomplish undergrounding in Oakland at a pace consistent with Oakland's allocation of Rule 20A funds. This means that the City must be lead agent for more projects in the future.

The City is responsible for communicating the process of the project and the expenses to be incurred by the property owner to the community and the impacted individual property owners. It organizes and holds community meetings, and prepares the legislation for establishing an Underground Utility District as required.

On average, the City spends about \$600,000 for street lighting work for every \$3 million of Rule 20A funds. However, the City's cost is reimbursed by owners of properties benefiting from the undergrounding through assessments.

ACTION REQUESTED OF THE CITY COUNCIL

No action is requested of the City Council at this time. Staff will proceed with the following action plan to further improve the Undergrounding Program of the City of Oakland:

1. Perform preliminary evaluations of future petitioned areas and existing petitioned streets (with the utilities' participation) to determine those areas that qualify for Rule 20A

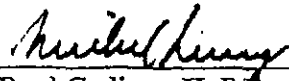
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- undergrounding as early as possible, and inform the petitioners shortly thereafter instead of placing the areas on the list pending future evaluations several years later.
2. Coordinate undergrounding with streetscape projects where the street is in a pre-existing proposed or approved underground district and move the street or project in question ahead of the rest, if necessary.

Respectfully submitted,

for 
Raul Godinez, II, P.E.
Director, Public Works Agency

Reviewed by:
Bruce Saunders, Assistant Director
Infrastructure and Operations

Prepared by:
Vernon Chang
Interim Electrical Services Manager
Electrical Services Division

Exhibit A: Approved/Proposed Underground Utility Projects
Exhibit B: Estimated Rule 20A Undergrounding Costs Incurred by Property Owner

APPROVED AND FORWARDED TO THE
PUBLIC WORKS COMMITTEE:


OFFICE OF THE CITY ADMINISTRATOR

Item: _____
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February 8, 2005

**CITY OF OAKLAND
UNDERGROUND UTILITY PROJECTS
January 2005**

PROJECT	YEAR PETITIONED	RESOLUTION NO. & YEAR	START OF CONSTRUCTION	CONSTRUCTION STATUS	APPROXIMATE LENGTH OF PROJECT IN MILES
APPROVED:					
MACARTHUR BLVD. FROM 73RD TO SAN LEANDRO LINE	1993	76731 9/25/01	1ST QUARTER 2005	2008	2.5
PIEDMONT PINES AREA - RULE 20A	1987	75652 5/02/00	Not yet determined	N/A	6.5
PROPOSED:					
LAKESHORE PHASE V		N/A	TBD	N/A	3.5
OAKMORE AREA	1987	N/A	TBD	N/A	3.5
MOUNTAIN BLVD./ THORNHILL DR.	1989	N/A	TBD	N/A	1.3
SEQUOYAH RD.	1991	N/A	TBD	N/A	1.2
HIGH VOLTAGE TRANSMISSION LINES PLUG	1994	N/A	TBD	N/A	2.0
SHEFFIELD AVE.	1995	N/A	TBD	N/A	N/A
FRUITVALE AVENUE	1996	N/A	TBD	N/A	N/A
PANORAMIC HILL AREA	1996	N/A	TBD	N/A	N/A
CABOT DRIVE	1996	N/A	TBD	N/A	N/A
CHABOT RD. & PRESLEY WAY	1998	N/A	TBD	N/A	N/A
ASHMOUNT AVENUE	1998	N/A	TBD	N/A	N/A
FAIRVIEW PARK AREA (HILLEGASS)	1998	N/A	TBD	N/A	N/A
WAWONA AVENUE	1998	N/A	TBD	N/A	N/A
JACOBUS AVENUE	1998	N/A	TBD	N/A	N/A
CLARENDON CRESCENT	1998	N/A	TBD	N/A	N/A
CRANE WAY	1998	N/A	TBD	N/A	N/A
ROCKRIDGE BLVD. NORTH, ROCKRIDGE BLVD. SOUTH, ROCKRIDGE PLACE	2000	N/A	TBD	N/A	NA
COLTON BLVD.	2000	N/A	TBD	N/A	N/A
ROCKRIDGE VISTA NEIGHBORHOOD	2001	N/A	TBD	N/A	N/A
BRUNS COURT	2001	N/A	TBD	N/A	N/A
TBD = TO BE DETERMINED WHEN STREET IS EVALUATED TO DETERMINE ELIGIBILITY FOR FUNDING UNDER CPUC RULE 20A					

CITY OF OAKLAND
ESTIMATED RULE 20A UNDERGROUNDING COSTS INCURRED BY PROPERTY OWNER
January 2005
(Estimate in 2005 Dollars)

Under existing City policies, property owners bear the following costs for Rule 20A projects:

	Cost Range in 2005\$		
	<u>Low Estimate</u>	<u>Average</u>	<u>High Estimate</u>
Streetlighting	\$ 5,000	\$ 6,000	\$ 8,000
Service Lateral and Panel Conversion	\$ 3,000	\$ 5,000	\$ 7,000
TOTAL AMOUNT PER PROPERTY	\$ 8,000	\$ 11,000	\$ 15,000



City of Oakland Meeting Minutes

Office of the City Clerk
Oakland City Hall
1 Frank H. Ogawa Plaza
Oakland, California 94612
LaTonda Simmons, Interim City
Clerk

*Public Works Committee

Oakland City Hall, 1 Frank H. Ogawa Plaza, Oakland, California 94612

City of Oakland Website: <http://www.oaklandnet.com>

Tuesday, February 08, 2005

12:30 PM

Hearing Room One - 1st Floor

*The Oakland City Council Public Works Committee convened at 12:32 P.M.,
with Councilmember Nadel presiding as Chairperson.*

Roll Call / Call to Order

Councilmember Present: 4 - Member Quan, Member Brooks, Chair Nadel and
Member Chang

COMMITTEE MEMBERSHIP:

- 1 Approval of the Draft Minutes from the Committee Meeting held on January 25, 2005
A motion was made by Member Brooks, seconded by Member Chang, to
*Approve the Minutes. The motion carried by the following vote:
Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and
Member Chang

- 2 Determination of Schedule of Outstanding Committee Items
A motion was made by Member Brooks, seconded by Member Chang, to
*Approve as Submitted. The motion carried by the following vote:
Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and
Member Chang

(PWC Item 2 2-08-05)

[Cmte Item 2 2-08-05.pdf](#)

- 3 Subject: Donation of One Surplus GMC Fleetwood Vehicle
 From: Public Works Agency
 Recommendation: Adopt a Resolution authorizing the donation of one surplus 1990 GMC Fleetwood command post vehicle to the East Bay Regional Park District (05-0011)

*A motion was made by Member Brooks, seconded by Member Chang, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on February 15, 2005 as a Consent Calendar item. The motion carried by the following vote:*

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

[View Report.pdf](#),
[79054 CMS.pdf](#)

- 4 Subject: Underground Utility Districts
 From: Public Works Agency
 Recommendation: Receive an Informational Report on the policy and procedure for establishment and implementation of Underground Utility Districts (04-0844)

*A motion was made by Member Brooks, seconded by Member Chang, that this matter be Continued to the *Public Works Committee, due back on March 8, 2005. The motion carried by the following vote:*

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

The Committee directed staff to return to the March 8, 2005 Public Works Committee meeting with a Supplemental Report including: 1) a list of the 200 completed underground projects identifying those that used California Public Utilities Commission (CPUC) Rule 20A Funds separated by Council districts, 2) clarification on which proposed projects meet the (CPUC) Rules and a list of those projects that did not meet the criteria, 3) a list of the preliminary scope of all projects and 4) how projects rate on priority list with respect to: safety, low income communities and benefits of undergrounding in commercial areas

[View Report.pdf](#)

Open Forum (TOTAL TIME AVAILABLE: 15 MINUTES)

Adjournment

There being no further business, and upon the motion duly made, the Oakland City Council Public Works Committee adjourned at 1:17 P.M.

- * In the event of a quorum of the City Council participates on this Committee, the meeting is noticed as a Special Meeting of the City Council; however no final City Council action can be taken.

NOTE:

Americans With Disabilities Act

If you need special assistance to participate in Oakland City Council and Committee meetings please contact the Office of the City Clerk. When possible, please notify the City Clerk 48 hours prior to the meeting so we can make reasonable arrangements to ensure accessibility. Also, in compliance with Oakland's policy for people with environmental illness or multiple chemical sensitivities, please refrain from wearing strongly scented products to meetings.

Office of the City Clerk

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Fax: (510) 238-6699

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Telecommunications Display Device: (510) 839-6451 (TDD)

City Clerk and Clerk of the Council

CITY OF OAKLAND

AGENDA REPORT

FILED
OFFICE OF THE CITY CLERK
OAKLAND
2005 MAR 17 PM 6:02

TO: Office of the City Administrator
ATTN: Deborah Egerly
FROM: Public Works Agency
DATE: March 22, 2005

RE: SUPPLEMENTAL REPORT PROVIDING (1) A LIST OF ALL COMPLETED UNDERGROUND UTILITY DISTRICTS TO DATE, (2) A LIST OF PETITIONED STREETS WITH STAFF'S PRELIMINARY EVALUATION INDICATING NON-QUALIFYING STREETS FOR RULE 20A FUNDING, AND (3) A LIST OF BUSINESS CORRIDORS WITH OVERHEAD UTILITY LINES FOR UNDERGROUNDING CONSIDERATION

BACKGROUND

On February 8, 2005, Public Works Committee deliberated on the status report on the policy and implementation of underground utility districts. The Committee directed staff to come back with a list of all completed underground utility districts, to perform a preliminary evaluation of all the petitioned streets on the waiting list and to identify those streets that may not qualify for Rule 20A funding. In addition, staff is to work with Community and Economic Development Agency (CEDA) and verify if there are proposed streetscape projects that will conflict with any of the streets on the petition list, and request from CEDA a list of business corridors with overhead utility lines for possible undergrounding consideration in the future.

FINDINGS

Attached are Exhibits C and D. Exhibit C lists all of the completed Rule 20A underground utility districts from Rule 20A's inception in 1968 to the present time. Exhibit C also provides the final or estimated Rule 20A cost of each project, if available. The length of each project where undergrounding has been completed varies from one block to a little over 5 miles.

Exhibit D lists the petitioned streets on the waiting list. The "X" mark by a street name simply indicates that the street does not meet a Rule 20A criterion for undergrounding. Most of the petitioned streets do not qualify for Rule 20A undergrounding. This determination was made by staff without the utilities' participation. A street without the "X" mark does not necessarily mean that it qualifies for Rule 20A undergrounding. The City, Comcast and the utilities must have a consensus in determining a Rule 20A-qualifying street when they thoroughly walk and evaluate the petitioned street.

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March 22, 2005

Staff had determined that within Exhibit D, certain segments of Fruitvale Avenue will have no problems qualifying for undergrounding with Rule 20A funds in the future. Additionally, most of Fruitvale Avenue has a number of business and commercial corridors with overhead utility lines.

Undergrounding the utilities in residential areas with high concentration of large trees, overhead lines and wood poles also can reduce fire hazards and power outages due to downed trees, electric wires and wood poles caused by high wind or heavy rain storm. However, increased safety by preventing downed trees or electric wires is not one of the CPUC criteria used to determine eligibility for Rule 20A funding.

CEDA has informed staff that no streetscape project is anticipated within any of the petitioned streets. CEDA has also provided a list of potential business, commercial, or economic revitalization corridors, which consists of the following:

- International Boulevard from High Street to the San Leandro city limit
- Edes Avenue from Jones to Hegenberger
- Hegenberger East from 1880 to International Boulevard
- E18th Street from Lakeshore Avenue to 7th Avenue
- Foothill Boulevard from 66th Avenue to 73rd Avenue

Staff has examined these business and commercial corridors, and determined that only Foothill Boulevard from 66th Avenue to Church Street is eligible for future Rule 20A funding. The utilities have already been placed underground in the remaining corridors.

RECOMMENDATION AND RATIONALE

Staff recommends that Council accept this Supplemental Report.

Item: _____
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March 22, 2005

ACTION REQUESTED OF THE CITY COUNCIL

No action is requested of City Council at this time

Respectfully submitted,



RAUL GODINEZ, II, P.E.

Director, Public Works Agency

Reviewed by:
Bruce Saunders
Assistant Director, Public Works Agency
Department of Infrastructure and Operations

Prepared by:
Vern Chang, Interim Manager
Electrical Services Division

Exhibit C: Completed Underground Utility Districts – 1968 to Date
Exhibit D: Underground Utility Projects – January 2005

APPROVED AND FORWARDED TO THE
PUBLIC WORKS COMMITTEE:



OFFICE OF THE CITY ADMINISTRATOR

Item: _____
Public Works Committee
March 22, 2005

**COMPLETED UNDERGROUND UTILITY DISTRICTS
FROM 1968 TO DATE**

Project Name	Council District	Rule 20A Cost
40TH STREET - GROVE TO TELEGRAPH	1	18,650
51ST STREET - SHAFER TO BROADWAY	1	
51ST STREET - TELEGRAPH TO SHAFER	1	
52ND STREET - SHATTUCK AVENUE TO GROVE - SHAFER FRWY	1	16,586
BROADWAY - BROADWAY TERRACE	1	
BROADWAY - MACARTHUR BLVD. TO CLIFTON STREET	1	
BROADWAY TERRACE - ROMANY ROAD TO WARREN FREEWAY	1	
BUENA VISTA, CONTRA COSTA, ACACIA	1	
GLEN AVENUE - 41ST TO LINDA	1	
GROVE STREET - 47TH STREET TO BERKELEY CITY LINE	1	
MACARTHUR BLVD. - EMERYVILLE LINE TO HARRISON STREET	1	
MANCHESTER DRIVE	1	
MARKET STREET - 57TH TO NCL	1	
MATHER STREET & PLEASANT VALLEY AVENUE	1	
OCCIDENTAL, 59TH, AND 61ST STREETS	1	
PIEDMONT AVENUE - MACARTHUR TO PLEASANT VALLEY	1	
PIEDMONT AVENUE - PLEASANT VALLEY AVENUE TO MOUNTAIN VIEW CEMETARY	1	
STANFORD AVENUE - EMERYVILLE LINE TO SAN PABLO AVENUE	1	
TUNNEL ROAD - BUCKINGHAM BLVD. TO SKYLINE BLVD.	1	150,000
GRIZZLY PEAK BLVD.	1	700,000
MARLBOROUGH TERRACE	1	
MENDOCINO AVENUE From Lawton Avenue to Margarido Drive	1	239,472
LAWTON AVENUE	1	
MARGARIDO DRIVE From Mendocino Avenue to Lawton Avenue	1	
PROCTOR AVENUE From Agnes Avenue to Florence Avenue	1	208,978
10TH AVENUE - E. 19TH THRU E. 22ND ST	2	
10TH STREET - FRANKLIN TO HARRISON & 11TH ST - WEBSTER TO HARRISON	2	
13TH STREET - MARKET TO BRUSH & WEST STREET - 12TH TO 13TH	2	
22ND AVENUE - E. 12TH TO FOOTHILL	2	
2ND & 3RD AVENUES - E. 11TH TO E. 14TH	2	
5TH AVENUE - EMBARCADERO TO E. 12TH	2	
6TH THROUGH 9TH, ALICE, JACKSON, MADISON, OAK, FALLON	2	
7TH STREET - FALLON TO 5TH AVENUE	2	
E. 12TH STREET BETWEEN 14TH AVENUE & FRUITVALE AVENUE	2	
E. 8TH STREET - 7TH TO 14TH AVENUE & E. 12TH STREET - 13TH TO 14TH AVENUE	2	
EASTMENT RIGHT-OF-WAY, EAST 11TH, BETWEEN 2ND AND 3RD AVES.	2	
E. 10TH STREET - AUDITORIUM TO 5TH AVENUE	2	66,776
FALLON, OAK, MADISON, JACKSON, ALICE, 10TH & 11TH STREETS	2	
HUBERT ROAD BETWEEN GROSVENOR PLACE AND LONGRIDGE ROAD (TEMP FILE)	2	

Project Name	Council District	Rule 20A Cost
LAKE PARK AVENUE - WESLEY WAY & LAKESHORE AVENUE	2	127,000
VALLE VISTA - ELWOOD TO SUNNYSLOPE	2	
LAKESHORE PHASE I, II, III, IV	2	9,000,000
MANDANA BLVD. From Lakeshore Avenue to City of Piedmont line	2	
LONGRIDGE ROAD From Lakeshore Avenue to Midcrest Road	2	
TRESTLE GLEN ROAD From Lakeshore Avenue to City of Piedmont Line	2	
GROSVENOR PLACE From Excelsior Avenue to Longridge Road	2	
PALOMA AVENUE From Longridge Road to Mandana Blvd.	2	
SUNNY HILLS ROAD From Trestle Glen Road to Midcrest Road	2	
WESLEY WAY From Trestle Glen Road to Lake Park	2	
HOLMAN ROAD From Grosvenor Place to Trestle Glen Road	2	
VERRADA ROAD	2	
HUBERT ROAD From Grosvenor Road to Longridge Road	2	
MIDCREST ROAD	2	
CLARENDON CRESCENT	2	
MANDANA CIRCLE	2	
PALOMA AVENUE From Trestle Glen Road to Mandana Blvd.	2	
CARLSTON AVENUE	2	
EXCELSIOR AVENUE (1100 Block)	2	
CHATHAM ROAD (1100 Block)	2	
GRAND AVENUE From Mandana Blvd. To the City of Piedmont	2	1,487,092
10TH STREET - CYPRESS TO UNION	3	
10TH STREET CONNECTION - MARKET TO BRUSH	3	
14TH STREET - CYPRESS TO BRUSH	3	
14TH STREET - WOOD TO CYPRESS	3	
17TH STREET - BRUSH TO SAN PABLO	3	
18TH STREET - CYPRESS TO MARKET	3	
18TH STREET CONNECTION	3	
21ST STREET - GROVE TO TELEGRAPH	3	56,840
23RD & 24TH STREET - BROADWAY & HARRISON	3	
30TH STREET - TELEGRAPH TO SUMMIT	3	
7TH STREET - CYPRESS STREET TO BAY STREET	3	
7TH STREET - BRUSH TO CYPRESS	3	
ANDOVER, ELM, 34TH STREETS, HAWTHORNE AVENUE	3	150,000
BROADWAY, JACKSON, MADISON, WEBSTER, HARRISON	3	
BRUSH STREET - 10TH TO 18TH	3	
CASTRO STREET FROM 14TH STREET TO SAN PABLO AVENUE	3	
CASTRO STREET, 11TH STREET (CITY CENTER)	3	
CHESTNUT - 14TH TO 16TH	3	
CYPRESS STREET - 5TH TO 32ND STREETS	3	
E. 15TH STREET - 1ST TO 14TH AVENUE	3	
EMBARCADERO WEST - WEBSTER TO FALLON	3	187,402
GROVE - 27TH TO 47TH STREET	3	914,000
GROVE STREET - SAN PABLO TO 27TH	3	
HADDON HILL	3	
HAWTHORNE AVENUE - WEBSTER STREET	3	
HAWTHORNE AVENUE, SUMMIT STREET	3	
LAKESHORE AVENUE BETWEEN 12TH STREET AND 1ST AVENUE	3	
MACARTHUR BLVD - ALMA AVENUE TO PARK BLVD.	3	
MARKET - 11TH TO 18TH	3	

Project Name	Council District	Rule 20A Cost
MARTIN LUTHER KING JR WAY - 6TH STREET TO SAN PABLO	3	
OAK CENTER MINOR STREETS	3	
OAK STREET - EMBARCADERO TO 3RD STREET	3	
OCEAN VIEW DRIVE (BROADWAY TO ACADIA)	3	189,000
PERALTA STREET - 24TH STREET	3	
PERALTA STREET - 7TH TO 18TH	3	
PIEDMONT AVENUE - BROADWAY TO MACARTHUR	3	
STANFORD AVENUE, ADELINE STREET	3	
SUMMIT STREET TO WEBSTER STREET	3	
TELEGRAPH AVENUE - 20TH STREET TO 40TH STREET	3	
UNION, 10TH & FILBERT	3	
VALDEZ STREET - GRAND AVENUE TO 27TH STREET	3	
WEBSTER STREET - 34TH STREET	3	
WEST GRAND AVENUE - CAMPBELL TO CYPRESS	3	
WOOD STREET - 7TH STREET TO SOUTH END	3	
35TH AVENUE - MACARTHUR FREEWAY TO MACARTHUR BLVD.	4	102,000
ACCESS ROAD - REDWOOD ROAD TO MERRITT COLLEGE	4	
CRESTMONT I, II, III	4	3,827,000
JOAQUIN MILLER ROAD - WARREN FRWY TO 350' N/O N/L ROBINSON DRIVE	4	
LINCOLN AVENUE - CHAMPION STREET	4	26,757
MACARTHUR BLVD. - 35TH AVENUE TO HIGH STREET	4	1,528,410
MONTCLAIR BUSINESS DISTRICT	4	400,000
MORAGA AND MOUNTAIN - THORNHILL TO PARK	4	725,212
MOUNTAIN BLVD. (SEMINARY EXTENSION)	4	
REDWOOD ROAD - WILLIS COURT TO WARREN FRWY	4	
SKYLINE BLVD. BETWEEN RISHELL DRIVE & BACON ROAD	4	
HIGH STREET From Redding Street to MacArthur Blvd.	4	100,000
MANZANITA DRIVE From Colton Blvd. To Villanova Drive	4	1,125,864
NORTHWOOD COURT	4	
NORTHWOOD CIRCLE	4	
HARBORD DRIVE From Moraga Avenue to the City of Piedmont line on Blair Avenue	4	4,200,000
McANDREW DRIVE From Harbord Drive to 6066 McAndres Drive	4	
MARR AVENUE	4	
LANE COURT	4	
ESTATES DRIVE From Moraga Avenue to LaSalle Avenue/Wood Drive	4	
BULLARD DRIVE, a segment only: 6301 to 6318 Bullard Drive	4	
WOOD DRIVE From 5901 Wood Drive to 6144 Wood Drive	4	
MOYER PLACE	4	
LA SALLE AVENUE From 6036 La Salle Avenue to the City of Piedmont line	4	3,200,000
ESTATES DRIVE From La Salle Avenue to 6833 Estates Drive near City of Piedmont line	4	
PERSHING DRIVE	4	
DAWES STREET	4	
LIGGETT DRIVE	4	
MARSH PLACE	4	
23RD AVENUE - E. 15TH TO 100' N/O FOOTHILL	5	
23RD AVENUE OVERPASS--DENNISON STREET--EMBARCADERO TO KENNEDY	5	

Project Name	Council District	Rule 20A Cost
33RD THROUGH 36TH AVENUE BETWEEN E. 12TH & E. 14TH STREETS	5	
BEAUMONT AVENUE - E. 38TH TO PARK	5	15,773
BOND STREET, BOND WAY & E. 16TH STREET	5	
CHATHAM ROAD - PARK TO BEAUMONT	5	
COOLIDGE AVENUE - E. 23RD TO DAVIS STREET	5	
COOLIDGE AVENUE - FOOTHILL TO EAST 23RD	5	
DENNISON STREET - BRIDGE TO EMBARCADERO	5	307,000
E. 12TH STREET - FRUITVALE AVENUE TO 37TH AVENUE & 35TH AVENUE - E. 12TH TO SAN LEANDRO	5	
E. 31ST STREET - 14TH AVENUE TO VALLECITO PLACE	5	
E. 27TH STREET - 19TH AVENUE & 23RD AVENUE	5	
E. 7TH STREET - KENNEDY TO EMBARCADERO EAST	5	
EMBARCADERO EAST - 10TH AVENUE & DENNISON	5	
EMBARCADERO EAST - DENNISON TO E. 7TH STREET	5	
FOOTHILL BLVD. - 23RD TO 36TH AVES.	5	440,000
FRUITVALE AVENUE - TIDAL CANAL & ALAMEDA AVENUE - FRUITVALE AVENUE	5	
FRUITVALE AVENUE - E. 10TH TO E. 12TH	5	
FRUITVALE AVENUE - E. 12TH TO E. 22ND	5	
FRUITVALE AVENUE - TIDAL CANAL TO E. 10TH STREET	5	
MACARTHUR BLVD. - PARK TO 14TH AVENUE	5	
PARK BLVD. - E. 18TH STREET TO EXCELSIOR AVENUE	5	134,504
DENNISON STREET From Kennedy Street to Embarcadero	5	386,000
73RD AVENUE - E. 14TH STREET TO BANCROFT	6	
73RD AVENUE - FOOTHILL BLVD.	6	
FONTAINE STREET - KELLER TO FONTAINE COURT	6	
KELLER AVENUE - FONTAINE TO SANFORD	6	
MACARTHUR - 55TH TO SEMINARY	6	385,570
MACARTHUR - 72ND TO 73RD	6	
SAN LEANDRO STREET - 48TH TO 62ND AVENUE	6	
SKYLINE BLVD. BETWEEN BACON ROAD & SKYWAY LANE	6	
66TH AVENUE From International Blvd. To San Leandro	6	
66TH AVENUE - OAKPORT TO SAN LEANDRO	7	
85TH AVENUE TO SAN LEANDRO STREET	7	89,500
98TH AVENUE - AIRPORT TO EMPIRE	7	
98TH AVENUE - BANCROFT TO MACARTHUR	7	
98TH AVENUE - NIMITZ FREEWAY TO GOLF LINKS ROAD	7	4,500,000
AIRPORT ACCESS ROAD	7	88,513
EDES AVENUE - 85TH TO 105TH	7	494,000
GOLF LINKS ROAD - SCOTIA TO GRASS VALLEY	7	
HEGENBERGER EXPRESSWAY - SAN LEANDRO TO SPENCER	7	
HEGENBERGER EXPRESSWAY - SPENCER TO E. 14TH	7	
HEGENBERGER ROAD - DOOLITTLE TO NIMITZ	7	
HEGENBERGER ROAD - NIMITZ FRWY TO SAN LEANDRO STREET	7	
PERALTA OAKS DRIVE - PERALTA OAKS COURT	7	
GOLF LINKS ROAD From 82nd Avenue to Fontaine	7	435,000

Item: _____

Public Works Committee

March 22, 2005



City of Oakland

Legislative File ID 04-0844

display
printable
version

email

Type: City Resolution Status: In Committee
 Enactment Date: Enactment No.:
 Title: Subject: Underground Utility Districts From: Public Works Agency
 Recommendation: Receive an Informational Report on the policy and
 procedure for establishment and implementation of Underground Utility
 Districts
 Controlling Body: *Public Works Committee
 Introduced: 10/12/2004 Version: 1
 Final Action: Contact:
 Name: Underground Utility Districts
 Requester: Director, Public Works Agency
 Sponsors:
 Attachments: Legislative File Text
 View Report.pdf



Next Meeting:

Legislative History

Date	Acting Body	Action Taken	Motion	Media
10/14/2004	*Rules & Legislation Committee	Scheduled to the *Public Works Committee		
	<i>Notes: to the Pending List, no specific date</i>			
10/26/2004	*Public Works Committee	Scheduled to the *Public Works Committee due on 2/8/2005.		
2/8/2005	*Public Works Committee	Continued to the *Public Works Committee due on 3/8/2005.	Pass (4:0)	
	<i>Notes: The Committee directed staff to return to the March 8, 2005 Public Works Committee meeting with a Supplemental Report including: 1) a list of the 200 completed underground projects identifying those that used California Public Utilities Commission (CPUC) Rule 20A Funds separated by Council districts, 2) clarification on which proposed projects meet the (CPUC) Rules and a list of those projects that did not meet the criteria, 3) a list of the preliminary scope of all projects and 4) how projects rate on priority list with respect to: safety, low income</i>			





SUPPLEMENTAL
City of Oakland
Meeting Agenda

Office of the City Clerk
Oakland City Hall
1 Frank H. Ogawa Plaza
Oakland, California 94612
LaTonda Simmons, Interim City Clerk

*Public Works Committee

Oakland City Hall, 1 Frank H. Ogawa Plaza, Oakland, California 94612

City of Oakland Website: <http://www.oaklandnet.com>

Tuesday, March 22, 2005

12:30 PM

Hearing Room One - 1st Floor

DEFINITION OF TERMS:

Consent Item: any action item that a subject matter Committee has forwarded to the full Council with unanimous recommendation for approval and is not controversial, and does not have a high level of public interest as determined by the Rules Committee.

Non-Consent Item: any action that a subject-matter Committee has forwarded to the full Council without unanimous recommendation for approval, or having a high level of public interest, or is controversial as determined by the Rules Committee.

Action Item: any resolution, ordinance, public hearing, motion, or recommendation requiring official vote and approval of the City Council to be effective.

Informational Item: an item of the agenda consisting only of an informational report that does not require or permit Council action.

Roll Call / Call to Order

COMMITTEE MEMBERSHIP:

Jean Quan, District 4; Desley Brooks, District 6; Henry Chang, Jr.,
At-Large; Chairperson Nancy Nadel, District 3

- 1 Approval of the Draft Minutes from the Committee Meeting held on March 8, 2005
- 2 Determination of Schedule of Outstanding Committee Items
(PWC ITEM 2 3-22-05)
[View Item.pdf](#)
- 3 Subject: Integrated Pest Management Policy
From: Councilmember Quan
Recommendation: Adopt a Resolution directing the preparation of the appropriate environmental review documents in accordance with the California Environmental Quality Act (CEQA) evaluating a limited exemption to the Integrated Pest Management Policy to use herbicides on City owned land in the Wildfire Prevention District and other

ensure accessibility. Also, in compliance with Oakland's policy for people with environmental illness or multiple chemical sensitivities, please refrain from wearing strongly scented products to meetings.

Office of the City Clerk
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Fax: (510) 238-6699
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Telecommunications Display Device: (510) 839-6451

(TDD)

LATONDA SIMMONS
Interim Agency Secretary/City Clerk
and Clerk of the Council

**In the event a quorum of the City Council participates on this Committee, the meeting is noticed as a Special Meeting of the City Council; however, no final City Council action can be taken.*

ORA - Oakland Redevelopment Agency
S - Supplemental Item

TO: Paul Chang X5411
FROM: CLE Love



City of Oakland
Meeting Minutes

*Public Works Committee

Office of the City Clerk
Oakland City Hall
1 Frank H. Ogawa Plaza
Oakland, California 94612
LaTonda Simmons, City Clerk

Oakland City Hall, 1 Frank H. Ogawa Plaza, Oakland, California 94612

City of Oakland Website: <http://www.oaklandnet.com>

Tuesday, March 22, 2005

12:30 PM

Hearing Room One - 1st Floor

The Oakland City Council Public Works Committee convened at 12:35 P.M., with Councilmember Nadel presiding as Chairperson.

Roll Call / Call to Order

Councilmember Present: 4 - Member Quan, Member Brooks, Chair Nadel and Member Chang

COMMITTEE MEMBERSHIP:

- 1 Approval of the Draft Minutes from the Committee Meeting held on March 8, 2005
A motion was made by Member Brooks, seconded by Member Chang, to
*Approve the Minutes. The motion carried by the following vote:
Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang
- 2 Determination of Schedule of Outstanding Committee Items
A motion was made by Member Chang, seconded by Member Brooks, to
*Approve as Submitted. The motion carried by the following vote:
Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

(PWC ITEM 2 3-22-05)

*Public Works Committee

Meeting Minutes

March 22, 2005

3 Subject: Integrated Pest Management Policy
From: Councilmember Quan
Recommendation: Adopt a Resolution directing the preparation of the appropriate environmental review documents in accordance with the California Environmental Quality Act (CEQA) evaluating a limited exemption to the Integrated Pest Management Policy to use herbicides on City owned land in the Wildfire Prevention District and other City properties identified by the Fire Marshal as areas of high fire hazard (05-0062)

A motion was made by Member Brooks, seconded by Chair Nadel, that this matter be Accepted and forwarded to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on April 5, 2005. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

Councilmember Chang made a motion seconded by Councilmember Quan to accept the Resolution.

Councilmember Brooks offered a friendly amendment seconded by Councilmember Nadel to accept the Amended Resolution.

Councilmember Brooks withdrew her friendly amendment and directed staff to forward both Resolutions to the April 5, 2005 City Council meeting.

Pursuant to Rule 5(4)(c), the March 22, 2005 Public Works Committee by unanimous vote proposed that two alternative resolutions be forwarded to the council for consideration and final action, namely, a resolution presented by Councilmember Quan and an alternative resolution presented by Councilmember Nadel; 4 Ayes

The following individual(s) spoke in favor of this item:

- Barry Pilger
- Mark Rauzon
- Karen Paulsell
- Wendy Jones
- Nicholas Vigilante
- Ken Benson
- John Bouey
- Susan Burnett
- Gordon Piper

The following individual(s) spoke against this item:

- Eric Mills
- David Tam
- Barb Wilkie
- Michelle Mills
- Selene Ballonoff

- Lauren Moody
- Isis Feral

The following individual(s) spoke and did not indicate a position on this item:

- Ralph Karsz
- Dick Spees
- Maxina Ventura

4

Subject: West Oakland Bay Trail
From: Public Works Agency

Recommendation: Adopt a Resolution authorizing the City Administrator to increase the construction contract with Vanguard Construction for the West Oakland Bay Trail by seventy thousand one hundred seventy-one dollars (\$70,171) to cover additional change order work, for a total contract amount not-to-exceed six hundred sixty-nine thousand and seventy-six dollars (\$669,076) (05-0085)

A motion was made by Member Brooks, seconded by Member Chang, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on April 5, 2005 as a Non-consent item. The motion carried by the following vote:

Votes: Councilmember Absent: Member Quan
Councilmember Aye: Member Brooks, Chair Nadel and Member Chang

5

Subject: Underground Utility Districts
From: Public Works Agency

Recommendation: Receive an Informational Report on the policy and procedure for establishment and implementation of Underground Utility Districts (04-0844)

Continued to *Public Works Committee on 4/26/2005

The Committee directed staff to return to the April 26, 2005, Public Works Committee meeting with following information:

- 1) on how Pacific Gas & Electric (PG&E) would identify safety issues and costs
- 2) a corrected list of the completed Underground Utility Districts Projects
- 3) a complete list of commercial corridors by districts and
- 4) clarification on the type of projects that can be funded by Rule 20B

The following individual(s) spoke in favor of this item:

- John Bouey
- Virginia Lew
- Dick Spees

S-5.1

Subject: Underground Utility Districts
From: Public Works Agency

Recommendation: Receive A Supplemental Report Addressing The Issues Raised At The Public Works Committee Meeting On March 22, 2005, Regarding The Policy And Implementation Of Underground Utility Districts (04-0844-1)

*Public Works Committee

Meeting Minutes

March 22, 2005

Open Forum (TOTAL TIME AVAILABLE: 15 MINUTES)*The following individual(s) spoke under Open Forum:**- Sanjiv Handa*Adjournment*There being no further business, and upon the motion duly made, the Oakland City Council Public Works Committee adjourned at 2:13 P.M.*

* In the event of a quorum of the City Council participates on this Committee, the meeting is noticed as a Special Meeting of the City Council; however no final City Council action can be taken.

NOTE: Americans With Disabilities Act
If you need special assistance to participate in Oakland City Council and Committee meetings please contact the Office of the City Clerk. When possible, please notify the City Clerk 48 hours prior to the meeting so we can make reasonable arrangements to ensure accessibility. Also, in compliance with Oakland's policy for people with environmental illness or multiple chemical sensitivities, please refrain from wearing strongly scented products to meetings.

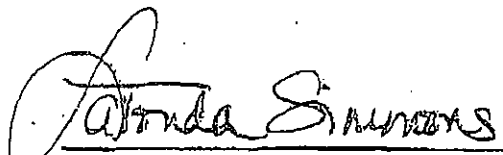
Office of the City Clerk

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Arnda Simmons
City Clerk and Clerk of the Council

**CITY OF OAKLAND
AGENDA REPORT**

FILED
OFFICE OF THE CITY CLERK
OAKLAND

2005 MAY 12 AM 11:50

TO: Office of the City Administrator
ATTN: Deborah Edgerly
FROM: Public Works Agency
DATE: May 24, 2005

**RE: SUPPLEMENTAL REPORT ADDRESSING THE ISSUES RAISED AT THE
PUBLIC WORKS COMMITTEE MEETING ON MARCH 22, 2005,
REGARDING THE POLICY AND IMPLEMENTATION OF UNDERGROUND
UTILITY DISTRICTS**

BACKGROUND

On February 8, 2005, Public Works Committee deliberated on the status report on the policy and implementation of underground utility districts. The committee directed staff to come back with a list of all completed underground utility districts, to perform a preliminary evaluation of all the streets on the waiting list and identify those streets that, in staff's opinion, are non-qualifying for Rule 20A funding. In addition, staff was to work with Community and Economic Development Agency (CEDA) and verify if there are proposed streetscape projects that would conflict with any of the streets on the petition list, and request from CEDA a list of business corridors with overhead utility lines for possible undergrounding consideration in the future.

On March 22, 2005, Public Works Committee discussed the supplemental report pertaining to the February 8, 2005 request. The committee identified some inaccuracies in Exhibit C and Exhibit D in terms of assigning undergrounding projects to the corresponding City Council District, and directed staff to correct them and resubmit both exhibits. In addition, the committee stated that the list of business corridors submitted by CEDA was much shorter than what actually exists and requested that CEDA develop and present a complete list of all business corridors with overhead utility facilities. Also, the committee asked for a more comprehensive explanation of Rule 20B funds as well as how the special PG&E funds for "safety" projects are expended, and to look into how the funds could be used for undergrounding.

The Committee did not accept the Supplemental Report of March 22, 2005, and asked staff to come back on April 26, 2005, with the requested corrections and information. This date was later rescheduled for May 24, 2005.

STAFF'S ACTION

Attached are the corrected versions of Exhibits C and D, now called Exhibits C-B and D-B, respectively. Exhibit C-B lists all the completed Rule 20A underground utility districts from its

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Public Works Committee
May 24, 2005

inception in 1968 to the present time. It also assigns the corresponding Council District number where the project is located and provides the final or estimated Rule 20A cost of each project if available. The length of each project where undergrounding has been completed varies from one block to 5 miles.

Exhibit D-B lists the petitioned streets on the waiting list. The "X" mark by a street name simply indicates that, based on staff's preliminary assessment, the street likely does not meet the Rule 20A criterion for undergrounding. Most of the petitioned streets fall in this category. A street without the "X" mark does not necessarily mean that it qualifies for Rule 20A undergrounding. Exhibit D-B also shows the Council District number where the petitioned area is located. As general practice, the City, Comcast and the utilities must have consensus in determining a Rule 20A-qualifying street when all parties thoroughly walk and evaluate the petitioned street.

Undergrounding the utilities in residential areas with high concentration of large trees, overhead lines and wood poles also can reduce fire hazards and power outages due to downed trees, electric wires and wood poles caused by high wind or heavy rain storm. However, increased safety by preventing downed trees or electric wires is not one of the CPUC criteria used to determine eligibility for Rule 20A funding.

Exhibit E is a chart listing business and commercial corridors by Council District provided by CEDA at Public Works Agency's request. Staff has driven through the business or commercial corridors in order to identify those areas that have existing overhead or underground utility system. Staff also performed a preliminary evaluation to determine if the business or commercial corridors with overhead utility service may qualify for Rule 20A undergrounding. The bullet mark indicates the corresponding criterion as observed by staff. The vast majority of the business or commercial corridors with overhead utility service seem to qualify for Rule 20A undergrounding based on staff's opinion. Exhibit E also shows with a bullet mark areas where CEDA's proposed Neighborhood Commercial Revitalization projects will occur.

RULE 20A FUNDS

In the staff report dated February 8, 2005, staff described the concept of Rule 20A funds which are used only for undergrounding in Rule 20A Underground Utility Districts. Rule 20A funds are mandated by the California Public Utilities Commission, urging PG&E to set aside funds to pay for undergrounding the municipality's designated Rule 20A streets. These funds do not cover the costs to underground the municipality's streetlight system. Each municipality is responsible for paying for its streetlight system. As general practice, the City of Oakland establishes assessment districts in underground utility districts to pay for the new underground streetlight system. More information about Rule 20A funds is provided in the February 8, 2005 staff report.

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ACTION REQUESTED OF THE CITY COUNCIL

No action is requested of City Council at this time.

Respectfully submitted,



RAUL GODINEZ, II, P.E.
Director, Public Works Agency

Reviewed by:

Bruce Saunders

Assistant Director, Public Works Agency
Department of Infrastructure and Operations

Prepared by:

Vern Chang, Interim Manager
PWA-Electrical Services Division

Exhibit C-B: Completed Rule 20A Underground Utility Districts – 1968 to Date

Exhibit D-B: Underground Utility Projects – January 2005

Exhibit E: Business and Commercial Corridors

APPROVED AND FORWARDED TO THE
PUBLIC WORKS COMMITTEE:


OFFICE OF THE CITY ADMINISTRATOR

RULE 20B FUNDS

Streets that do meet a Rule 20A criterion may qualify for Rule 20B as long as they are within an established underground district. The applicant for a Rule 20B project is responsible for identifying the sources of funds outside Rule 20A funds and for making the outside funds available to pay for the project. Funds for Rule 20B projects may come from private or public sources. The applicant must pay approximately 80% of the total cost for undergrounding electric power; the remaining 20% of the cost is incurred by PG&E for the removal of its facilities (wrecking, wood poles, wires, etc.) The applicant must pay approximately 65% of SBC's cost for telephone service work; SBC pays for the remaining 35% which is its work of cable pulling and splicing. ~~The applicant must pay 100% of Comcast's cost for participating in the project.~~ Unlike Rule 20A funds, PG&E and SBC are not required to set aside Rule 20B funds for undergrounding; they "juggle" funds to pay for their share of Rule 20B projects. Each utility's percentage of the Rule 20B cost share is not fixed. PG&E's share may be more or less than 20% and SBC's more or less than 35%, depending on the size of the project and the extent of work involved.

As a general practice, cities establish assessment districts to generate funds which eventually pay for their Rule 20B projects, unless other public funds can be used to pay for it. The City of Oakland is rarely involved with Rule 20B projects because its citizenry is always interested in Rule 20A undergrounding and shuns Rule 20B undergrounding for cost reasons.

Based on recently completed underground projects in Oakland, it is reasonable to estimate that the cost of undergrounding varies between \$2.5 and \$4 million per mile, depending on the terrain, the existing substructures in the right-of-way, and whether or not the street is residential or arterial. A Rule 20B project in a residential street may cost between \$30,000 and \$60,000 per parcel.

PG&E SAFETY FUNDS

Staff has no knowledge of PG&E safety funds. Staff asked PG&E to provide information about such funds, how they are utilized, what projects are eligible for it and how the City of Oakland could benefit from it. After several days of investigation, PG&E responded in writing that no such funds have ever existed or currently exist. Staff will need more specific information to be able to pursue this further if PG&E's response is not accurate.

RECOMMENDATION AND RATIONALE

Staff recommends that Council accept this Supplemental Report.

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**COMPLETED UNDERGROUND UTILITY DISTRICTS
FROM 1968 TO DATE**

Project Name	Council District	Rule 20A Cost
40TH STREET - GROVE TO TELEGRAPH	1	18,650
51ST STREET - SHAFER TO BROADWAY	1	
51ST STREET - TELEGRAPH TO SHAFER	1	
52ND STREET - SHATTUCK AVENUE TO GROVE - SHAFER FRWY	1	16,586
BROADWAY - BROADWAY TERRACE	1	
BROADWAY - MACARTHUR BLVD. TO CLIFTON STREET	1	
BROADWAY TERRACE - ROMANY ROAD TO WARREN FREEWAY	1	
BUENA VISTA, CONTRA COSTA, ACACIA	1	
GLEN AVENUE - 41ST TO LINDA	1	
GROVE - 27TH TO 47TH STREET	1 & 3	914,000
GROVE STREET - 47TH STREET TO BERKELEY CITY LINE	1	
MACARTHUR BLVD. - EMERYVILLE LINE TO HARRISON STREET	1	
MANCHESTER DRIVE	1	
MARKET STREET - 57TH TO NCL	1	
MATHER STREET & PLEASANT VALLEY AVENUE	1	
OCCIDENTAL, 59TH, AND 61ST STREETS	1	
PIEDMONT AVENUE - MACARTHUR TO PLEASANT VALLEY	1	
PIEDMONT AVENUE - PLEASANT VALLEY AVENUE TO MOUNTAIN VIEW CEMETARY	1	
STANFORD AVENUE - EMERYVILLE LINE TO SAN PABLO AVENUE	1	
TELEGRAPH AVENUE - 20TH STREET TO 40TH STREET	1 & 3	
TUNNEL ROAD - BUCKINGHAM BLVD. TO SKYLINE BLVD.	1	150,000
GRIZZLY PEAK BLVD.	1	700,000
MARLBOROUGH TERRACE	1	
MENDOCINO AVENUE From Lawton Avenue to Margarido Drive	1	239,472
LAWTON AVENUE	1	
MARGARIDO DRIVE From Mendocino Avenue to Lawton Avenue	1	
OCEAN VIEW DRIVE (BROADWAY TO ACACIA)	1	189,000
PROCTOR AVENUE From Agnes Avenue to Florence Avenue	1	208,978
STANFORD AVENUE, ADELIN STREET	1	
10TH AVENUE - E. 19TH THRU E. 22ND ST	2	
10TH STREET - FRANKLIN TO HARRISON & 11TH ST - WEBSTER TO HARRISON	2	
22ND AVENUE - E. 12TH TO FOOTHILL	2	
23RD AVENUE - E. 15TH TO 100' N/O FOOTHILL	2 or 5 (on border)	
2ND & 3RD AVENUES - E. 11TH TO E. 14TH	2	
5TH AVENUE - EMBARCADERO TO E. 12TH	2	
6TH THROUGH 9TH, ALICE, JACKSON, MADISON, OAK, FALLON	2	
7TH STREET - FALLON TO 5TH AVENUE	2	
E. 8TH STREET - 7TH TO 14TH AVENUE & E. 12TH STREET - 13TH TO 14TH AVENUE	2	
E. 12TH STREET BETWEEN 14TH AVENUE & FRUITVALE AVENUE	2 & 5	
E. 15TH STREET - 1ST TO 14TH AVENUE	2	
EASTMENT-RIGHT-OF-WAY, EAST 11TH, BETWEEN 2ND AND 3RD AVES.	2	
E. 10TH STREET - AUDITORIUM TO 5TH AVENUE	2	66,776
E. 27TH STREET - 19TH AVENUE & 23RD AVENUE	2 or 5 (on border)	
E. 31ST STREET - 14TH AVENUE TO VALLECITO PLACE	2	

8

5

Item: **9**

Project Name	Council District	Rule 20A Cost
FALLON, OAK, MADISON, JACKSON, ALICE, 10TH & 11TH STREETS	2	
HUBERT ROAD BETWEEN GROSVENOR PLACE AND LONGRIDGE ROAD (TEMP FILE)	2	
LAKE PARK AVENUE - WESLEY WAY & LAKESHORE AVENUE	2	127,000
LAKESHORE AVENUE BETWEEN 12TH STREET AND 1ST AVENUE	2	
LAKESHORE PHASE I, II, III, IV	2	9,000,000
MANDANA BLVD. From Lakeshore Avenue to City of Piedmont line	2	
LONGRIDGE ROAD From Lakeshore Avenue to Midcrest Road	2	
TRESTLE GLEN ROAD From Lakeshore Avenue to City of Piedmont Line	2	
GROSVENOR PLACE From Excelsior Avenue to Longridge Road	2	
PALOMA AVENUE From Longridge Road to Mandana Blvd.	2	
SUNNY HILLS ROAD From Trestle Glen Road to Midcrest Road	2	
WESLEY WAY From Trestle Glen Road to Lake Park	2	
HOLMAN ROAD From Grosvenor Place to Trestle Glen Road	2	
VERRADA ROAD	2	
HUBERT ROAD From Grosvenor Road to Longridge Road	2	
MIDCREST ROAD	2	
CLARENDON CRESCENT	2	
MANDANA CIRCLE	2	
PALOMA AVENUE From Trestle Glen Road to Mandana Blvd.	2	
CARLSTON AVENUE	2	
EXCELSIOR AVENUE (1100 Block)	2	
CHATHAM ROAD (1100 Block)	2	
GRAND AVENUE From Mandana Blvd. To the City of Piedmont	2	1,487,092
MACARTHUR BLVD - ALMA AVENUE TO PARK BLVD.	2	
PARK BLVD. - E. 18TH STREET TO EXCELSIOR AVENUE	2 & 5	134,504
VALLE VISTA - ELWOOD TO SUNNYSLOPE	2	
10TH STREET - CYPRESS TO UNION	3	
10TH STREET CONNECTION - MARKET TO BRUSH	3	
13TH STREET - MARKET TO BRUSH & WEST STREET - 12TH TO 13TH	3	
14TH STREET - CYPRESS TO BRUSH	3	
14TH STREET - WOOD TO CYPRESS	3	
17TH STREET - BRUSH TO SAN PABLO	3	
18TH STREET - CYPRESS TO MARKET	3	
18TH STREET CONNECTION	3	
21ST STREET - GROVE TO TELEGRAPH	3	56,840
23RD & 24TH STREET - BROADWAY & HARRISON	3	
30TH STREET - TELEGRAPH TO SUMMIT	3	
7TH STREET - CYPRESS STREET TO BAY STREET	3	
7TH STREET - BRUSH TO CYPRESS	3	
ANDOVER, ELM, 34TH STREETS, HAWTHORNE AVENUE	3	150,000
BROADWAY, JACKSON, MADISON, WEBSTER, HARRISON	3	
BRUSH STREET - 10TH TO 18TH	3	
CASTRO STREET FROM 14TH STREET TO SAN PABLO AVENUE	3	
CASTRO STREET, 11TH STREET (CITY CENTER)	3	
CHESTNUT - 14TH TO 16TH	3	
CYPRESS STREET - 5TH TO 32ND STREETS	3	
EMBARCADERO WEST - WEBSTER TO FALLON	3	187,402
GROVE STREET - SAN PABLO TO 27TH	3	

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Project Name	Council District	Rule 20A Cost
HADDON HILL	3	
HAWTHORNE AVENUE - WEBSTER STREET	3	
HAWTHORNE AVENUE, SUMMIT STREET	3	
MARKET - 11TH TO 18TH	3	
MARTIN LUTHER KING JR WAY - 6TH STREET TO SAN PABLO	3	
OAK CENTER MINOR STREETS	3	
OAK STREET - EMBARCADERO TO 3RD STREET	3	
PERALTA STREET - 24TH STREET	3	
PERALTA STREET - 7TH TO 18TH	3	
PIEDMONT AVENUE - BROADWAY TO MACARTHUR	3	
SUMMIT STREET TO WEBSTER STREET	3	
UNION, 10TH & FILBERT	3	
VALDEZ STREET - GRAND AVENUE TO 27TH STREET	3	
WEBSTER STREET - 34TH STREET	3	
WEST GRAND AVENUE - CAMPBELL TO CYPRESS	3	
WOOD STREET - 7TH STREET TO SOUTH END	3	
35TH AVENUE - MACARTHUR FREEWAY TO MACARTHUR BLVD.	4	102,000
ACCESS ROAD - REDWOOD ROAD TO MERRITT COLLEGE	4	
CRESTMONT I, II, III	4	3,827,000
JOAQUIN MILLER ROAD - WARREN FRWY TO 350' N/O N/L ROBINSON DRIVE	4	
LINCOLN AVENUE - CHAMPION STREET	4	26,757
MACARTHUR BLVD. - 35TH AVENUE TO HIGH STREET	4	1,528,410
MACARTHUR - 55TH TO SEMINARY	4 or 6 (on border)	385,570
MONTCLAIR BUSINESS DISTRICT	4	400,000
MORAGA AND MOUNTAIN - THORNHILL TO PARK	4	725,212
MOUNTAIN BLVD. (SEMINARY EXTENSION)	4	
REDWOOD ROAD - WILLIS COURT TO WARREN FRWY	4	
SKYLINE BLVD. BETWEEN RISHELL DRIVE & BACON ROAD	4 & 6	
HIGH STREET From Redding Street to MacArthur Blvd.	4	100,000
MANZANITA DRIVE From Colton Blvd. To Villanova Drive	4	1,125,864
NORTHWOOD COURT	4	
NORTHWOOD CIRCLE	4	
HARBORD DRIVE From Moraga Avenue to the City of Piedmont line on Blair Avenue	4	4,200,000
McANDREW DRIVE From Harbord Drive to 6066 McAndres Drive	4	
MARR AVENUE	4	
LANE COURT	4	
ESTATES DRIVE From Moraga Avenue to LaSalle Avenue/Wood Drive	4	
BULLARD DRIVE, a segment only: 6301 to 6318 Bullard Drive	4	
WOOD DRIVE From 5901 Wood Drive to 6144 Wood Drive	4	
MOYER PLACE	4	
LA SALLE AVENUE From 6036 La Salle Avenue to the City of Piedmont line	4	3,200,000
ESTATES DRIVE From La Salle Avenue to 6833 Estates Drive near City of Piedmont line	4	
PERSHING DRIVE	4	
DAWES STREET	4	
LIGGETT DRIVE	4	
MARSH PLACE	4	
23RD AVENUE OVERPASS--DENNISON STREET--EMBARCADERO TO KENNEDY	5	

Item:

Public Works Committee
May 24, 2005

Project Name	Council District	Rule 20A Cost
33RD THROUGH 36TH AVENUE BETWEEN E. 12TH & E. 14TH STREETS	5	
BEAUMONT AVENUE - E. 38TH TO PARK	5	15,773
BOND STREET, BOND WAY & E. 16TH STREET	5	
CHATHAM ROAD - PARK TO BEAUMONT	5	
COOLIDGE AVENUE - E. 23RD TO DAVIS STREET	5	
COOLIDGE AVENUE - FOOTHILL TO EAST 23RD	5	
DENNISON STREET - BRIDGE TO EMBARCADERO	5	307,000
DENNISON STREET From Kennedy Street to Embarcadero	5	386,000
E. 12TH STREET - FRUITVALE AVENUE TO 37TH AVENUE & 35TH AVENUE - E. 12TH TO SAN LEANDRO	5	
E. 7TH STREET - KENNEDY TO EMBARCADERO EAST	5	
EMBARCADERO EAST - 10TH AVENUE & DENNISON	5	
EMBARCADERO EAST - DENNISON TO E. 7TH STREET	5	
FOOTHILL BLVD. - 23RD TO 36TH AVES.	5	440,000
FRUITVALE AVENUE - TIDAL CANAL & ALAMEDA AVENUE - FRUITVALE AVENUE	5	
FRUITVALE AVENUE - E. 10TH TO E. 12TH	5	
FRUITVALE AVENUE - E. 12TH TO E. 22ND	5	
FRUITVALE AVENUE - TIDAL CANAL TO E. 10TH STREET	5	
MACARTHUR BLVD. - PARK TO 14TH AVENUE	5	
SAN LEANDRO STREET - 48TH TO 52ND AVENUE	5 & 6	
73RD AVENUE - E. 14TH STREET TO BANCROFT	6	
73RD AVENUE - FOOTHILL BLVD.	6	
FONTAINE STREET - KELLER TO FONTAINE COURT	6 or 7 (on border)	
KELLER AVENUE - FONTAINE TO SANFORD	6 or 7 (on border)	
MACARTHUR - 72ND TO 73RD	6	
SKYLINE BLVD. BETWEEN BACON ROAD & SKYWAY LANE	6	
66TH AVENUE From International Blvd. To San Leandro	6	
66TH AVENUE - OAKPORT TO SAN LEANDRO	6 or 7 (on border)	
85TH AVENUE TO SAN LEANDRO STREET	7	89,500
98TH AVENUE - AIRPORT TO EMPIRE	7	
98TH AVENUE - BANCROFT TO MACARTHUR	7	
98TH AVENUE - NIMITZ FREEWAY TO GOLF LINKS ROAD	7	4,500,000
AIRPORT ACCESS ROAD	7	68,513
EDES AVENUE - 85TH TO 105TH	7	494,000
GOLF LINKS ROAD - SCOTIA TO GRASS VALLEY	7	
HEGENBERGER EXPRESSWAY - SAN LEANDRO TO SPENCER	7	
HEGENBERGER EXPRESSWAY - SPENCER TO E. 14TH	7	
HEGENBERGER ROAD - DOOLITTLE TO NIMITZ	7	
HEGENBERGER ROAD - NIMITZ FRWY TO SAN LEANDRO STREET	7	
PERALTA OAKS DRIVE - PERALTA OAKS COURT	7	
GOLF LINKS ROAD From 82nd Avenue to Fontaine	7	435,000

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**STREETS WITH GENERAL PLAN DESIGNATION OF COMMUNITY COMMERCIAL OR
COMMERCIAL ZONING FOR THREE OR MORE CONSECUTIVE BLOCKS**

(BUSINESS/COMMERCIAL CORRIDORS)

COUNCIL DISTRICT	Proposed CEDA Development	Utility Already Underground	Existing Overhead Service	May Qualify for Rule 20A
Community Commercial General Plan				
Parts of Claremont Avenue, Domingo Avenue, Alvarado Road, and Tunnel Road around Claremont Hotel		•	•	•
Telegraph Avenue between Highway 24 and 52nd Street		•		
San Pablo Avenue between 59th Street and Berkeley border	•	•		
San Pablo Avenue between Emeryville border and 56th Street	•	•		
Broadway between West MacArthur Boulevard and College Avenue	•	•		
40th Street between Broadway and Opal Avenue			•	•
41st Street between Broadway and Opal Avenue			•	•
Commercial Zoning				
San Pablo Avenue between Berkeley border and Emeryville border	•	•	•	
Market Street between 63rd Street and 57th Street		•		
Martin Luther King Jr. Way between 58th Street and 54th Street and between 47th Street and Interstate 580		•		
Telegraph Avenue between Berkeley border and West MacArthur Boulevard	•	•		
Claremont Avenue between Clifton Street and Telegraph Avenue			•	•
College Avenue between Broadway and Berkeley border		•		
Shattuck Avenue between Berkeley border and Alcatraz Avenue, 57th Street and 55th Street, 54th Street and 50th Street, and 48th Street and 45th Street		•	•	
40th Street between Broadway and Webster Street			•	•
Broadway between Interstate 580 and College Avenue	•	•		
Piedmont Avenue between MacArthur Avenue and Ramona Avenue		•		
West MacArthur Boulevard between Piedmont Avenue and Highway 24		•		
West MacArthur Boulevard between Highway 24 and Linden Street		•		
COUNCIL DISTRICT 2				
International Boulevard and East 12th Street between 12th Avenue and 15th Avenue, 13th Avenue, 14th Avenue, and 15th Avenue between East 12th Street and East 18th Street	•	•		
Grand Avenue between Piedmont border and Interstate 580		•		
Lakeshore Avenue between Mandana Boulevard and Interstate 580		•		

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CITY OF OAKLAND
UNDERGROUND UTILITY PROJECTS
January 2005

PROJECT	X DOES NOT MEET RULE 20A CRITERION	COUNCIL DISTRICT	YEAR PETITIONED	RESOLUTION NO. & YEAR	START OF CONSTRUCTION IN 1ST QUARTER 2005	CONSTRUCTION STATUS	APPROXIMATE LENGTH OF PROJECT IN MILES
APPROVED:							
MACARTHUR BLVD. FROM 73RD TO SAN LEANDRO LINE		6 & 7	1993	75731 9/29/01			
PIEDMONT PINES AREA - RULE 20A		4	1987	75652 5/12/00	Not yet determined	2005 N/A	2.5 6.5
PROPOSED:							
LAKESHORE PHASE V		2		Not Available	TBD	N/A	
Carlston Avenue	X	2					3.5
Paramount Road	X	2					
Rosamont Road	X	2					
Northvale road	X	2					
Larkspur Road	X	2					
Hilcroft Circle	X	2					
Underhills Road	X	2					
Bambawa Road	X	2					
Creed Road	X	2					
Holman Road		2					
Bates Road		2					
Brookwood Road	X	2					
Alma Place	X	2					
Haddon Place	X	2					
Brookwood Place	X	2					
Stratford Place	X	2					
Santa Ray Avenue	X	2					
OAKMORE AREA		4	1987	Not Available	TBD	N/A	3.5
Leimer Blvd.		4					
Clemens Road		4					
Oakmore Road		4					
Hoover Avenue	X	4					
Edge Drive		4					
Bridgeview Drive		4					
MOUNTAIN BLVD / THORNHILL DR.		4	1989	Not Available	TBD	N/A	
SEQUOYAH HEIGHTS AREA		7	1991	Not Available	TBD	N/A	1.3
Sequoyah Road		7				N/A	1.2
Elysian Fields Drive		7					
Dorina Way	X	7					
Royal Oak Road	X	7					
Greenview	X	7					
HIGH VOLTAGE TRANSMISSION LINES PLUG		2 & 4	1994	Not Available	TBD	N/A	2
SHEFFIELD AVE	X	5	1995	Not Available	TBD	N/A	Not determined
FRUITVALE AVENUE		4 & 5	1996	Not Available	TBD	N/A	Not determined
PANORAMIC HILL AREA	X	1	1996	Not Available	TBD	N/A	Not determined
CASOT DRIVE	X	1	1996	Not Available	TBD	N/A	Not determined
CHABOT RD. & PRESLEY WAY		1	1998	Not Available	TBD	N/A	Not determined
ASHMOUNT AVENUE	X	2	1998	Not Available	TBD	N/A	Not determined
FAIRVIEW PARK AREA		1	1998	Not Available	TBD	N/A	Not determined
Alcatraz		1				N/A	Not determined
Calby	X	1					
Bervenue	X	1					
Hillegass	X	1					
WAWONA AVENUE	X	2	1998	Not Available	TBD	N/A	Not determined
JACOBUS AVENUE	X	1	1998	Not Available	TBD	N/A	Not determined
CLARENDON CRESCENT	X	2	1998	Not Available	TBD	N/A	Not determined
CRANE WAY	X	4	1998	Not Available	TBD	N/A	Not determined
ROCKRIDGE BLVD. NORTH, ROCKRIDGE BLVD. SOUTH, ROCKRIDGE PLACE	X	1	2000	Not Available	TBD	N/A	Not determined
COLTON BLVD. 5400-7000 ONLY		4	2000	Not Available	TBD	N/A	Not determined
BRUNS COURT	X	4	2001	Not Available	TBD	N/A	Not determined
MALCOLM AVENUE		7	2005	Not Available	TBD	N/A	Not determined

X = DETERMINATION WAS BASED ON STAFF'S PRELIMINARY EVALUATION WITHOUT THE UTILITIES' PARTICIPATION.
TBD = TO BE DETERMINED WHEN STREET IS EVALUATED TO DETERMINE ELIGIBILITY FOR FUNDING UNDER CPUC RULE 20A

MAY 24 2005
PUBLIC WORKS COMMITTEE

	Proposed CEDA Development	Utility Already Underground	Existing Overhead Service	May Qualify for Rule 20A
Lake Park Way between Wesley Way and Santa Clara Avenue		•		
Park Boulevard between Interstate 580 and East 34th Street and between East 21st Street and Foothill Boulevard		•		
East 18th Street between Lakeshore Avenue and 5th Avenue		•		
International Boulevard between 14th Street and 23rd Avenue	•	•		
East 12th Street between 4th Avenue and 14th Avenue	•	•		
Area bounded by 14th Street, Broadway, Interstate 880, and Harrison Street		•		
6th Avenue & 7th Avenue between East 8th Street and International Boulevard			•	•
6th Street between Fallon Street and Alice Street		•		
14th Street between Oak Street and Harrison Street		•		
GOVERNMENT DISTRICTS				
Broadway between West MacArthur Boulevard and 23rd Street		•		
Telegraph Avenue between Interstate 580 and 23rd Street		•		
23rd Street, 24th Street, 25th Street, 26th Street, 28th Street, and 29th Street between Broadway and Telegraph Avenue			•	•
27th Street between Harrison Street and Telegraph Avenue		•		
San Pablo Avenue between 27th Street and Brockhurst Street/Filbert Street		•		
West Grand Avenue between Brush Street and Chestnut Street		•		
7th Street between Market Street and Kirkham Street		•		
7th Street between Peralta Street and Pine Street	•	•		
Area bounded by 7th Street, Mandela Parkway and Interstate 880		•		
Grand Avenue between Interstate 580 and Bay Place		•		
27th Street/Bay Place between Grand Avenue and Telegraph Avenue		•		
Broadway between West MacArthur Boulevard and 23rd Street		•		
Piedmont Avenue between MacArthur Boulevard and Broadway		•		
Telegraph Avenue between West MacArthur Boulevard and 26th Street		•		
Martin Luther King Jr. Way between 28th Street and 23rd Street		•		
San Pablo Avenue between Emeryville border and 24th Street		•		
Market Street between San Pablo Avenue and 18th Street			•	•
West Grand Avenue between Chestnut Street and Brush Street		•		

3

	Proposed CEDA Development	Utility Already Underground	Existing Overhead Service	May Qualify for Rule 20A
6th Street between Broadway and Brush Street		•		
5th Street between Washington Street and Brush Street			•	•
Castro Street, Martin Luther King Jr. Way, Jefferson Street, and Clay Street between 7th Street and 4th Street		•		
7th Street between Mandela Parkway and Interstate 880	•	•		
Area bounded roughly by 27th Street, Martin Luther King Jr. Way, Interstate 980, 12th Street, Jefferson Street, Interstate 880, Broadway, 14th Street, and Harrison Street		•		
Area bounded roughly by Interstate 880, Jefferson Street, Embarcadero, Clay Street, Oakland Inner Harbor, Alice Street, 2nd Street, and Madison Street		•		
COUNCIL DISTRICTS				
Redwood Road, along Lincoln Square Shopping Center, next to Highway 13		•		
MacArthur Boulevard between East 38th Street and Calaveras Boulevard (A Portion of (1))			•	•
Fruitvale Avenue between Interstate 580 and Coloma Street	•	•		
Foothill Boulevard between Cole Street and 47th Avenue			•	•
Mountain Boulevard between Medau Place and Merced Avenue		•		
Moraga Avenue between Mountain Boulevard and Medau Place		•	•	•
Parts of High Street			•	•
Parts of 35th Avenue			•	•
COUNCIL DISTRICTS				
International Boulevard between 26th Avenue and 31st Avenue	•	•		
East 12th Street between 26th Avenue and 31st Avenue	•		•	•
International Boulevard between 39th Avenue and 46th Avenue	•	•		
42nd Avenue between San Leandro Street and E. 14th St			•	•
Foothill Boulevard between 42nd Avenue and High Street			•	•
Bond Street between 42nd Avenue and High Street		•		
East 17th Street between 42nd Avenue and High Street			•	•
Bancroft Avenue between 42nd Avenue and 45th Avenue		•		
44th Avenue between Bancroft Avenue and International Boulevard			•	•
Foothill Boulevard between 27th Avenue and 47th Avenue	•		•	•
Fruitvale Avenue between Lynde Street and Blossom Street, East 19th Street and East 23rd Street, and East 12th Street and East 16th Street	•		•	•
MacArthur Boulevard between Brighton Avenue and Ardley Avenue			•	•

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	Proposed CEDA Development	Utility Already Underground	Existing Overhead Service	May Qualify for Rule 20A
International Boulevard from 23rd Avenue to 51st Avenue	•	•		
23rd Avenue between International Boulevard and Foothill Boulevard			•	•
COUNCIL DISTRICT 6				
Foothill Boulevard between Havenscourt Boulevard and MacArthur Boulevard	•	•		
Bancroft Avenue between Havenscourt Boulevard and 73rd Avenue	•	•		
Havenscourt Boulevard between Foothill Boulevard and Bancroft Avenue		•		
67th Avenue between Foothill Boulevard and Bancroft Avenue			•	•
68th Avenue between Foothill Boulevard and Bancroft Avenue			•	•
Church Street between Foothill Boulevard and Bancroft Avenue			•	•
International Boulevard between 72nd Avenue and 76th Avenue	•	•		
Foothill Boulevard between Church and 73rd Avenue	•	•		•
Foothill Boulevard between Cole Street and 73rd Avenue	•		•	•
MacArthur Boulevard between 72nd Avenue and Parker Avenue		•		
MacArthur Boulevard between 73rd Avenue and Parker Avenue			•	•
International Boulevard between 51st Avenue and 86th Avenue	•	•		
COUNCIL DISTRICT 7				
International Boulevard between 71st Avenue and 76th Avenue	•	•		
San Leandro Street and Snell Street between 69th Avenue and Hegenberger Road	•		•	•
72nd Avenue and 73rd Avenue between Snell Street and Hawley Street		•		
71st Avenue between Snell Street and Hawley Street			•	•
Hawley Road between 71st Avenue and Hegenberger Street			•	
International Boulevard between 98th Avenue and San Leandro border	•	•		
105th Avenue from International Boulevard to dead end			•	•
Tucker Street, Chandler Street, Packard Street, Prince Royal Court, Flint Court, Eagle Court, Rugby Court, and Star Court within Durant Square subdivision		•		
MacArthur Boulevard between Foothill Boulevard and San Leandro border	•	•		
106th Avenue between MacArthur Boulevard and Interstate 580			•	•

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	Proposed CEDA Development	Utility Already Underground	Existing Overhead Service	May Qualify for Rule 20A
108th Avenue, 109th Avenue, and Durant Avenue between MacArthur Boulevard and McIntyre Street			•	
International Boulevard between 69th Avenue and San Leandro border	•	•		
MacArthur Boulevard from Byron Street/Foothill Boulevard to San Leandro border	•		•	•
Hegenberger Road from Baldwin Street to Doolittle Drive		•		
98th Avenue from Bigge Street to Doolittle Drive		•		



City of Oakland Meeting Minutes

Office of the City Clerk
Oakland City Hall
1 Frank H. Ogawa Plaza
Oakland, California 94612
LaTonda Simmons, City Clerk

*Public Works Committee

Oakland City Hall, 1 Frank H. Ogawa Plaza, Oakland, California 94612

City of Oakland Website: <http://www.oaklandnet.com>

Tuesday, May 24, 2005

12:30 PM

Hearing Room One - 1st Floor

The Oakland City Council Public Works Committee convened at 12:33 P.M., with Councilmember Nadel presiding as Chairperson.

Roll Call / Call to Order

Councilmember Present: 4 - Member Quan, Member Brooks, Chair Nadel and Member Chang

COMMITTEE MEMBERSHIP:

- 1 Approval of the Draft Minutes from the Committee Meeting held on May 10, 2005
A motion was made by Member Brooks, seconded by Member Quan, to
*Approve the Minutes. The motion carried by the following vote:
Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

- 2 Determination of Schedule of Outstanding Committee Items
A motion was made by Member Chang, seconded by Member Brooks, to
*Approve as Submitted. The motion carried by the following vote:
Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

3 Subject: Leona Quarry Subdivision Agreement
 From: Public Works Agency
 Recommendation: Adopt a Resolution Authorizing The City Engineer To Enter Into A Subdivision Improvement Agreement With Desilva Group, LLC; And Leona, LLC For Construction Of Certain Improvements In Connection With "Tract 7492", Leona Quarry Project; Fixing The Amount Of The Security To Guarantee The Faithful Performance Of Such Agreement And Adopting Plans And Specifications (05-0356)

A motion was made by Member Brooks, seconded by Member Chang, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on June 7, 2005 as a Consent Calendar item. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

[View Report.pdf,](#)
[79263 CMS.pdf](#)

4 ~~Subject: Community Choice Aggregation
 From: Office of the Mayor
 Recommendation: Adopt A Resolution Authorizing The City Administrator To: 1) Approve And Send A Letter Of Intent To The California Public Utilities Commission (CPUC) Stating Oakland's Intent To Become A Community Choice Aggregator Pending Final Results Of The City's Implementation Plan; and 2) Negotiate Joint CCA Efforts With Other Bay Area Cities (05-0364)~~

At the May 19, 2005 Rules and Legislation Committee meeting this item was withdrawn and rescheduled to the June 14, 2005 Public Works Committee meeting.

[View Report.pdf,](#)
[View Report.pdf,](#)
[View Report,](#)
[View Supplemental Report.pdf,](#)
[79325 CMS.pdf](#)

5 Subject: ABAG Power Agreement
 From: Public Works Agency
 Recommendation: Adopt a Resolution Authorizing The City Administrator, Without Returning To City Council, To Negotiate And Enter Into A Continuing Agreement, With Association of Bay Area Governments Power, the City's Current Natural Gas Supplier, To Purchase Natural Gas Supplies And Transportation For City Buildings And Vehicles (05-0350)

A motion was made by Member Quan, seconded by Member Brooks, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on June 7, 2005 as a Consent Calendar item. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

MEMBER CHANGE

[View Report.pdf](#),
[79264 CMS.pdf](#)

- 6 Subject: Berryman and Henigar Street Survey
From: Public Works Agency
Recommendation: Adopt a Resolution Authorizing The City Administrator To Enter Into A Professional Services Agreement With Berryman And Henigar For The Street Survey And Pavement Management Program Update For An Amount Not To Exceed \$315,000.00 (05-0352)

A motion was made by Member Brooks, seconded by Member Quan, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on June 7, 2005 as a Consent Calendar item. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

[View Report.pdf](#),
[79265 CMS.pdf](#)

- 7 Subject: Farmers' Market On 34th Avenue
From: Community And Economic Development Agency
Recommendation: Adopt A Resolution Granting A Conditional And Revocable Encroachment Permit To The Unity Council For A Fruitvale Farmers' Market On 34th Avenue Between International Boulevard And E 12th Street Each Sunday Between The Hours Of 6:00 A.M. And 7:00 P.M. (05-0319)

A motion was made by Member Brooks, seconded by Member Quan, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on June 7, 2005 as a Consent Calendar item. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

The Committee moved seconded and carried a motion to approve staff recommendation as amended to change the street closure hour of the Farmer's Market to 5:00 P.M.

[View Report.pdf](#),
[View Supplemental Report.pdf](#),
[79319.pdf](#)

8

Subject: Mcguire And Hester
From: Public Works Agency
Recommendation: Adopt A Resolution Authorizing The City Administrator To Increase The Construction Contract With Mcguire And Hester For The Resurfacing Of Certain Streets In The City Of Oakland For Fiscal Year 2003-2004 (Project Number C234930) By \$581,882.99, For A Total Contract Amount Of \$5,100,000.00 (05-0384)

A motion was made by Member Quan, seconded by Member Brooks, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on June 7, 2005 as a Consent Calendar item. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

[View Report.pdf](#),
[79266 CMS.pdf](#)

S-8.1

Subject: Mcguire And Hester
From: Office of the City Auditor
Recommendation: Receive A Report On A Resolution Authorizing The City Administrator To Increase The Construction Contract With Mcguire And Hester For The Resurfacing Of Certain Streets In The City Of Oakland For Fiscal Year 2003-2004 (Project Number C234930) By \$581,882.99, For A Total Contract Amount Of \$5,100,000.00 (05-0384-1)

A motion was made by Member Quan, seconded by Member Brooks, that this matter be *Approve the Recommendation of Staff, and Forward to the Concurrent Meeting of the Oakland Redevelopment Agency / City Council, due back on June 7, 2005 as a Consent Calendar item. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

[View Report.pdf](#)

9

Subject: Underground Utility Districts.
From: Public Works Agency
Recommendation: Receive A Supplemental Report Addressing The Issues Raised At The Public Works Committee Meeting On March 22, 2005, Regarding The Policy And Implementation Of Underground Utility Districts (04-0844-1)

A motion was made by Member Quan, seconded by Member Brooks, that this matter be *Received and Filed. The motion carried by the following vote:

Votes: Councilmember Aye: Member Quan, Member Brooks, Chair Nadel and Member Chang

The following individual(s) spoke in favor of this item:

- Dick Spees
- Jay Ward
- Bonnie Bouey
- John Bouey
- Leslie Burton
- Virginia Lew
- Elaine Geffen
- David Levine

The following individual(s) spoke and did not indicate a position on this item:

- Terry Kulka

[View Supplemental Report.pdf](#)

[View Supplemental Report.pdf](#)

Open Forum (TOTAL TIME AVAILABLE: 15 MINUTES)

Adjournment

There being no further business, and upon the motion duly made, the Oakland City Council Public Works Committee adjourned at 1:48 P.M.

* *In the event of a quorum of the City Council participates on this Committee, the meeting is noticed as a Special Meeting of the City Council; however no final City Council action can be taken.*

NOTE: Americans With Disabilities Act
If you need special assistance to participate in Oakland City Council and Committee meetings please contact the Office of the City Clerk. When possible, please notify the City Clerk 48 hours prior to the meeting so we can make reasonable arrangements to ensure accessibility. Also, in compliance with Oakland's policy for people with environmental illness or multiple

chemical sensitivities, please refrain from wearing strongly scented products to meetings.

Office of the City Clerk

Phone: (510) 238-7370

Fax: (510) 238-6699

Recorded Agenda: (510) 238-2386

Telecommunications Display Device: (510) 839-6451 (TDD)

City Clerk and Clerk of the Council

Chapter 12.16 IMPROVEMENTS GENERALLY

12.16.010 Permit to circulate petition for improvement.

12.16.020 Intent.

12.16.030 Requirement.

12.16.040 Improvement procedure.

12.16.050 Improvement standards.

12.16.060 Notification to permit applicants.

12.16.070 Appeal.

12.16.080 Regulations for issuance of plans and specifications for public works contracts.

12.16.010 Permit to circulate petition for improvement.

It is unlawful for any person to circulate a petition requesting the Council to order the improvement of any street pursuant to the terms of ordinance or statute, or to solicit private contracts for the improvement of such street without first having obtained permission so to do from the Director of Public Works/Superintendent of Streets.

Any person desiring said permit shall first file with the Director of Public Works/Superintendent of Streets a written statement showing location, type, character and description of said work in such detail as said Director of Public Works/Superintendent of Streets may require. Said Director of Public Works/Superintendent of Streets, if he or she is of the opinion that public necessity and convenience require the doing of said work, that the proposed improvement is feasible and beneficial, and the cost is not prohibitive, may grant permission to circulate such petition or solicit such private contract for the doing of said work; provided, however, that the Director of Public Works/Superintendent of Streets may rescind any permit granted under the provisions of this section.

Such permission, together with a copy of said written statement, shall be attached to said petition or contract, and shall be exhibited to the signer before his or her signature is obtained.

Each request for a signature to such petition or contract in violation hereof shall be considered a separate and distinct violation. (Prior code § 6-2.19)

12.16.020 Intent.

The intent of Sections 12.16.020 to 12.16.070 is to supplement other laws, ordinances and statutes requiring street improvements, including curb, gutter, and sidewalk in public streets areas. (Prior code § 6-2.191)

12.16.030 Requirement.

A. New Construction. No building or other structure shall be erected, no building addition or alteration improvements shall be constructed, no other property improvements shall be made where the cost of said improvements will be in excess of forty-five thousand dollars (\$45,000.00), and no building or other permit shall be issued therefor by the city on any lot unless that portion of the abutting street lying between the centerline of said street and the lot line for the full width of all abutting street frontages has been fully improved in accordance with the improvement standards specified in Section 12.16.050, or unless said improvements have been assured to the satisfaction of the City Engineer as

**COMPLETED UNDERGROUND UTILITY DISTRICTS
FROM 1968 TO DATE**

Project Name	Council District	Rule 20A Cost
40TH STREET - GROVE TO TELEGRAPH	1	18,650
51ST STREET - SHAFTER TO BROADWAY	1	
51ST STREET - TELEGRAPH TO SHAFTER	1	
52ND STREET - SHATTUCK AVENUE TO GROVE - SHAFTER FRWY	1	16,586
BROADWAY - BROADWAY TERRACE	1	
BROADWAY - MACARTHUR BLVD. TO CLIFTON STREET	1	
BROADWAY TERRACE - ROMANY ROAD TO WARREN FREEWAY	1	
BUENA VISTA, CONTRA COSTA, ACACIA	1	
GLEN AVENUE - 41ST TO LINDA	1	
GROVE STREET - 47TH STREET TO BERKELEY CITY LINE	1	
MACARTHUR BLVD. - EMERYVILLE LINE TO HARRISON STREET	1	
MANCHESTER DRIVE	1	
MARKET STREET - 57TH TO NCL	1	
MATHER STREET & PLEASANT VALLEY AVENUE	1	
OCCIDENTAL, 59TH, AND 61ST STREETS	1	
PIEDMONT AVENUE - MACARTHUR TO PLEASANT VALLEY	1	
PIEDMONT AVENUE - PLEASANT VALLEY AVENUE TO MOUNTAIN VIEW CEMETARY	1	
STANFORD AVENUE - EMERYVILLE LINE TO SAN PABLO AVENUE	1	
TUNNEL ROAD - BUCKINGHAM BLVD. TO SKYLINE BLVD.	1	150,000
GRIZZLY PEAK BLVD.	1	700,000
MARLBOROUGH TERRACE	1	
MENDOCINO AVENUE From Lawton Avenue to Margarido Drive	1	239,472
LAWTON AVENUE	1	
MARGARIDO DRIVE From Mendocino Avenue to Lawton Avenue	1	
PROCTOR AVENUE From Agnes Avenue to Florence Avenue	1	208,978
10TH AVENUE - E. 19TH THRU E. 22ND ST	2	
10TH STREET - FRANKLIN TO HARRISON & 11TH ST - WEBSTER TO HARRISON	2	
13TH STREET - MARKET TO BRUSH & WEST STREET - 12TH TO 13TH	2	
22ND AVENUE - E. 12TH TO FOOTHILL	2	
2ND & 3RD AVENUES - E. 11TH TO E. 14TH	2	
5TH AVENUE - EMBARCADERO TO E. 12TH	2	
6TH THROUGH 9TH, ALICE, JACKSON, MADISON, OAK, FALLON	2	
7TH STREET - FALLON TO 5TH AVENUE	2	
E. 12TH STREET BETWEEN 14TH AVENUE & FRUITVALE AVENUE	2	
E. 8TH STREET - 7TH TO 14TH AVENUE & E. 12TH STREET - 13TH TO 14TH AVENUE	2	
EASTMENT RIGHT-OF-WAY, EAST 11TH, BETWEEN 2ND AND 3RD AVES.	2	
E. 10TH STREET - AUDITORIUM TO 5TH AVENUE	2	66,776
FALLON, OAK, MADISON, JACKSON, ALICE, 10TH & 11TH STREETS	2	
HUBERT ROAD BETWEEN GROSVENOR PLACE AND LONGRIDGE ROAD (TEMP FILE)	2	

ATTACHMENT "C"

Item: _____
Public Works Committee
March 22, 2005

Project Name	Council District	Rule 20A Cost
LAKE PARK AVENUE - WESLEY WAY & LAKESHORE AVENUE	2	127,000
VALLE VISTA - ELWOOD TO SUNNYSLOPE	2	
LAKESHORE PHASE I, II, III, IV	2	9,000,000
MANDANA BLVD. From Lakeshore Avenue to City of Piedmont line	2	
LONGRIDGE ROAD From Lakeshore Avenue to Midcrest Road	2	
TRESTLE GLEN ROAD From Lakeshore Avenue to City of Piedmont Line	2	
GROSVENOR PLACE From Excelsior Avenue to Longridge Road	2	
PALOMA AVENUE From Longridge Road to Mandana Blvd.	2	
SUNNY HILLS ROAD From Trestle Glen Road to Midcrest Road	2	
WESLEY WAY From Trestle Glen Road to Lake Park	2	
HOLMAN ROAD From Grosvenor Place to Trestle Glen Road	2	
VERRADA ROAD	2	
HUBERT ROAD From Grosvenor Road to Longridge Road	2	
MIDCREST ROAD	2	
CLARENDON CRESCENT	2	
MANDANA CIRCLE	2	
PALOMA AVENUE From Trestle Glen Road to Mandana Blvd.	2	
CARLSTON AVENUE	2	
EXCELSIOR AVENUE (1100 Block)	2	
CHATHAM ROAD (1100 Block)	2	
GRAND AVENUE From Mandana Blvd. To the City of Piedmont	2	1,487,092
10TH STREET - CYPRESS TO UNION	3	
10TH STREET CONNECTION - MARKET TO BRUSH	3	
14TH STREET - CYPRESS TO BRUSH	3	
14TH STREET - WOOD TO CYPRESS	3	
17TH STREET - BRUSH TO SAN PABLO	3	
18TH STREET - CYPRESS TO MARKET	3	
18TH STREET CONNECTION	3	
21ST STREET - GROVE TO TELEGRAPH	3	56,840
23RD & 24TH STREET - BROADWAY & HARRISON	3	
30TH STREET - TELEGRAPH TO SUMMIT	3	
7TH STREET - CYPRESS STREET TO BAY STREET	3	
7TH STREET - BRUSH TO CYPRESS	3	
ANDOVER, ELM, 34TH STREETS, HAWTHORNE AVENUE	3	150,000
BROADWAY, JACKSON, MADISON, WEBSTER, HARRISON	3	
BRUSH STREET - 10TH TO 18TH	3	
CASTRO STREET FROM 14TH STREET TO SAN PABLO AVENUE	3	
CASTRO STREET, 11TH STREET (CITY CENTER)	3	
CHESTNUT - 14TH TO 16TH	3	
CYPRESS STREET - 5TH TO 32ND STREETS	3	
E. 15TH STREET - 1ST TO 14TH AVENUE	3	
EMBARCADERO WEST - WEBSTER TO FALLON	3	187,402
GROVE - 27TH TO 47TH STREET	3	914,000
GROVE STREET. - SAN PABLO TO 27TH	3	
HADDON HILL	3	
HAWTHORNE AVENUE - WEBSTER STREET	3	
HAWTHORNE AVENUE, SUMMIT STREET	3	
LAKESHORE AVENUE BETWEEN 12TH STREET AND 1ST AVENUE	3	
MACARTHUR BLVD - ALMA AVENUE TO PARK BLVD.	3	
MARKET - 11TH TO 18TH	3	

Project Name	Council District	Rule 20A Cost
MARTIN LUTHER KING JR WAY - 6TH STREET TO SAN PABLO	3	
OAK CENTER MINOR STREETS	3	
OAK STREET - EMBARCADERO TO 3RD STREET	3	
OCEAN VIEW DRIVE (BROADWAY TO ACADIA)	3	189,000
PERALTA STREET - 24TH STREET	3	
PERALTA STREET - 7TH TO 18TH	3	
PIEDMONT AVENUE - BROADWAY TO MACARTHUR	3	
STANFORD AVENUE, ADELINE STREET	3	
SUMMIT STREET TO WEBSTER STREET	3	
TELEGRAPH AVENUE - 20TH STREET TO 40TH STREET	3	
UNION, 10TH & FILBERT	3	
VALDEZ STREET - GRAND AVENUE TO 27TH STREET	3	
WEBSTER STREET - 34TH STREET	3	
WEST GRAND AVENUE - CAMPBELL TO CYPRESS	3	
WOOD STREET - 7TH STREET TO SOUTH END	3	
35TH AVENUE - MACARTHUR FREEWAY TO MACARTHUR BLVD.	4	102,000
ACCESS ROAD - REDWOOD ROAD TO MERRITT COLLEGE	4	
CRESTMONT I, II, III	4	3,827,000
JOAQUIN MILLER ROAD - WARREN FRWY TO 350' N/O N/L		
ROBINSON DRIVE	4	
LINCOLN AVENUE - CHAMPION STREET	4	26,757
MACARTHUR BLVD. - 35TH AVENUE TO HIGH STREET	4	1,528,410
MONTCLAIR BUSINESS DISTRICT	4	400,000
MORAGA AND MOUNTAIN - THORNHILL TO PARK	4	725,212
MOUNTAIN BLVD. (SEMINARY EXTENSION)	4	
REDWOOD ROAD - WILLIS COURT TO WARREN FRWY	4	
SKYLINE BLVD. BETWEEN RISELL DRIVE & BACON ROAD	4	
HIGH STREET From Redding Street to MacArthur Blvd.	4	100,000
MANZANITA DRIVE From Colton Blvd. To Villanova Drive	4	1,125,864
NORTHWOOD COURT	4	
NORTHWOOD CIRCLE	4	
HARBORD DRIVE From Moraga Avenue to the City of Piedmont line on Blair Avenue	4	4,200,000
McANDREW DRIVE From Harbord Drive to 6066 McAndreas Drive	4	
MARR AVENUE	4	
LANE COURT	4	
ESTATES DRIVE From Moraga Avenue to LaSalle Avenue/Wood Drive	4	
BULLARD DRIVE, a segment only: 6301 to 6318 Bullard Drive	4	
WOOD DRIVE From 5901 Wood Drive to 6144 Wood Drive	4	
MOYER PLACE	4	
LA SALLE AVENUE From 6036 La Salle Avenue to the City of Piedmont line	4	3,200,000
ESTATES DRIVE From La Salle Avenue to 6833 Estates Drive near City of Piedmont line	4	
PERSHING DRIVE	4	
DAWES STREET	4	
LIGGETT DRIVE	4	
MARSH PLACE	4	
23RD AVENUE - E. 15TH TO 100' N/O FOOTHILL	5	
23RD AVENUE OVERPASS--DENNISON STREET--EMBARCADERO TO KENNEDY	5	

Project Name	Council District	Rule 20A Cost
33RD THROUGH 36TH AVENUE BETWEEN E. 12TH & E. 14TH STREETS	5	
BEAUMONT AVENUE - E. 38TH TO PARK	5	15,773
BOND STREET, BOND WAY & E. 16TH STREET	5	
CHATHAM ROAD - PARK TO BEAUMONT	5	
COOLIDGE AVENUE - E. 23RD TO DAVIS STREET	5	
COOLIDGE AVENUE - FOOTHILL TO EAST 23RD	5	
DENNISON STREET - BRIDGE TO EMBARCADERO	5	307,000
E. 12TH STREET - FRUITVALE AVENUE TO 37TH AVENUE & 35TH AVENUE - E. 12TH TO SAN LEANDRO	5	
E. 31ST STREET - 14TH AVENUE TO VALLECITO PLACE	5	
E. 27TH STREET - 19TH AVENUE & 23RD AVENUE	5	
E. 7TH STREET - KENNEDY TO EMBARCADERO EAST	5	
EMBARCADERO EAST - 10TH AVENUE & DENNISON	5	
EMBARCADERO EAST - DENNISON TO E. 7TH STREET	5	
FOOTHILL BLVD. - 23RD TO 36TH AVES.	5	440,000
FRUITVALE AVENUE - TIDAL CANAL & ALAMEDA AVENUE - FRUITVALE AVENUE	5	
FRUITVALE AVENUE - E. 10TH TO E. 12TH	5	
FRUITVALE AVENUE - E. 12TH TO E. 22ND	5	
FRUITVALE AVENUE - TIDAL CANAL TO E. 10TH STREET	5	
MACARTHUR BLVD. - PARK TO 14TH AVENUE	5	
PARK BLVD. - E. 18TH STREET TO EXCELSIOR AVENUE	5	134,504
DENNISON STREET From Kennedy Street to Embarcadero	5	386,000
73RD AVENUE - E. 14TH STREET TO BANCROFT	6	
73RD AVENUE - FOOTHILL BLVD.	6	
FONTAINE STREET - KELLER TO FONTAINE COURT	6	
KELLER AVENUE - FONTAINE TO SANFORD	6	
MACARTHUR - 55TH TO SEMINARY	6	385,570
MACARTHUR - 72ND TO 73RD	6	
SAN LEANDRO STREET - 48TH TO 62ND AVENUE	6	
SKYLINE BLVD. BETWEEN BACON ROAD & SKYWAY LANE	6	
66TH AVENUE From International Blvd. To San Leandro	6	
66TH AVENUE - OAKPORT TO SAN LEANDRO	7	
85TH AVENUE TO SAN LEANDRO STREET	7	89,500
98TH AVENUE - AIRPORT TO EMPIRE	7	
98TH AVENUE - BANCROFT TO MACARTHUR	7	
98TH AVENUE - NIMITZ FREEWAY TO GOLF LINKS ROAD	7	4,500,000
AIRPORT ACCESS ROAD	7	68,513
EDES AVENUE - 85TH TO 105TH	7	494,000
GOLF LINKS ROAD - SCOTIA TO GRASS VALLEY	7	
HEGENBERGER EXPRESSWAY - SAN LEANDRO TO SPENCER	7	
HEGENBERGER EXPRESSWAY - SPENCER TO E. 14TH	7	
HEGENBERGER ROAD - DOOLITTLE TO NIMITZ	7	
HEGENBERGER ROAD - NIMITZ FRWY TO SAN LEANDRO STREET	7	
PERALTA OAKS DRIVE - PERALTA OAKS COURT	7	
GOLF LINKS ROAD From 82nd Avenue to Fontaine	7	435,000

PWA DIO Electrical
 7101 Edgewater Dr., Bldg. 2
 Oakland, CA 94621
 P. Chan 5106155427

**CITY OF OAKLAND
 UNDERGROUND UTILITY PROJECTS**

PROJECT	YEAR PETITIONED	RESOLUTION NO. & YEAR	START OF CONSTRUCTION	CONSTRUCTION STATUS	APPROXIMATE LENGTH OF PROJECT IN MILES
APPROVED:					
MACARTHUR BLVD. FROM 73RD TO SAN LEANDRO LINE	1993	76731 9/25/01	1ST QUARTER 2005	2008	2.5
PIEDMONT PINES AREA - RULE 20A	1987	75652 5/02/00	Not yet determined	N/A	6.5
PROPOSED:					
LAKESHORE PHASE V	1987	N/A	TBD	N/A	3.5
OAKMORE AREA	1987	N/A	TBD	N/A	3.5
MOUNTAIN BLVD./ THORNHILL DR.	1989	N/A	TBD	N/A	1.3
SEQUOYAH RD.	1991	N/A	TBD	N/A	1.2
HIGH VOLTAGE TRANSMISSION LINES PLUG	1994	N/A	TBD	N/A	2.0
SHEFFIELD AVE.	1995	N/A	TBD	N/A	N/A
FRUITVALE AVENUE	1996	N/A	TBD	N/A	N/A
PANORAMIC HILL AREA	1996	N/A	TBD	N/A	N/A
CABOT DRIVE	1996	N/A	TBD	N/A	N/A
CHABOT RD. & PRESLEY WAY	1998	N/A	TBD	N/A	N/A
ASHMOUNT AVENUE	1998	N/A	TBD	N/A	N/A
FAIRVIEW PARK AREA (HILLEGASS)	1998	N/A	TBD	N/A	N/A
WAWONA AVENUE	1998	N/A	TBD	N/A	N/A
JACOBUS AVENUE	1998	N/A	TBD	N/A	N/A
CLARENDON CRESCENT	1998	N/A	TBD	N/A	N/A
CRANE WAY	1998	N/A	TBD	N/A	N/A
ROCKRIDGE BLVD. NORTH, ROCKRIDGE BLVD. SOUTH, ROCKRIDGE PLACE	2000	N/A	TBD	N/A	NA
COLTON BLVD.	2000	N/A	TBD	N/A	N/A
ROCKRIDGE VISTA NEIGHBORHOOD	2001	N/A	TBD	N/A	N/A
BRUNS COURT	2001	N/A	TBD	N/A	N/A
SHATTUCK AVENUE	2007	N/A	TBD	N/A	Alcatraz to Berkeley line
TBD = TO BE DETERMINED WHEN STREET IS EVALUATED TO DETERMINE ELIGIBILITY FOR FUNDING UNDER CPUC RULE 20A					

ATTACHMENT "D"

CITY OF OAKLAND
UNDERGROUND UTILITY PROJECTS
January 2005

PROJECT	X DOES NOT MEET RULE 20A CRITERION	YEAR PETITIONED	RESOLUTION NO. & YEAR	START OF CONSTRUCTION	CONSTRUCTION STATUS	APPROXIMATE LENGTH OF PROJECT IN MILES	COUNCIL DISTRICT
APPROVED:							
MACARTHUR BLVD. FROM 73RD TO SAN LEANDRO LINE		1993	76731 9/25/01	1ST QUARTER 2005	2008	2.5	6 & 7
PIEDMONT PINES AREA - RULE 20A		1987	75652 5/02/00	Not yet determined	N/A	6.5	4
PROPOSED:							
LAKESHORE PHASE V			Not Available	TBD	N/A	3.5	2
Carlson Avenue	X						2
Paramount Road	X						2
Rosemount Road	X						2
Northvale road	X						2
Larkspur Road	X						2
Hillcroft Circle	X						2
Underhills Road	X						2
Sartows Road	X						2
Creed Road	X						2
Holman Road							2
Bates Road							2
Brookwood Road	X						2
Alma Place	X						2
Haddon Place	X						2
Brookwood Place	X						2
Stratford Place	X						2
Santa Ray Avenue	X						2
OAKMORE AREA		1987	Not Available	TBD	N/A	3.5	4
Leimert Blvd.							4
Clemans Road							4
Oakmore Road							4
Hoover Avenue	X						4
Edge Drive							4
Bridgeview Drive	X						4
MOUNTAIN BLVD./THORNHILL DR.		1989	Not Available	TBD	N/A	1.3	4
SEQUOYAH HEIGHTS AREA		1991	Not Available	TBD	N/A	1.2	7
Sequoiah Road							7
Elysian Fields Drive							7
Donna Way	X						7
Royal Oak Road	X						7
Greenview	X						7
HIGH VOLTAGE TRANSMISSION LINES PLUG		1994	Not Available	TBD	N/A	2	2 & 4
SHEFFIELD AVE.	X	1995	Not Available	TBD	N/A	Not determined	4
FRUITVALE AVENUE		1996	Not Available	TBD	N/A	Not determined	4 & 5
PANORAMIC HILL AREA	X	1996	Not Available	TBD	N/A	Not determined	1
CABOT DRIVE	X	1996	Not Available	TBD	N/A	Not determined	1
CHABOT RD. & PRESLEY WAY	X	1998	Not Available	TBD	N/A	Not determined	3
ASHMOUNT AVENUE	X	1998	Not Available	TBD	N/A	Not determined	2
FAIRVIEW PARK AREA		1998	Not Available	TBD	N/A	Not determined	1
Alcatraz							1
Colby	X						1
Benvenue	X						1
Hillegeist	X						1
WAWONA AVENUE	X	1998	Not Available	TBD	N/A	Not determined	1
JACOBUS AVENUE	X	1998	Not Available	TBD	N/A	Not determined	2
CLARENDON CRESCENT	X	1998	Not Available	TBD	N/A	Not determined	3
CRANE WAY	X	1998	Not Available	TBD	N/A	Not determined	2
ROCKRIDGE BLVD. NORTH,			Not Available				4
ROCKRIDGE BLVD. SOUTH,	X	2000	Not Available	TBD	N/A	Not determined	3
ROCKRIDGE PLACE			Not Available				3
COLTON BLVD. 6400-7000 ONLY		2000	Not Available	TBD	N/A	Not determined	4
BRUNS COURT	X	2001	Not Available	TBD	N/A	Not determined	4
MALCOLM AVENUE		2005	Not Available	TBD	N/A	Not determined	7

X = DETERMINATION WAS BASED ON STAFF'S EVALUATION WITHOUT THE UTILITIES' PARTICIPATION.
TBD = TO BE DETERMINED WHEN STREET IS EVALUATED TO DETERMINE ELIGIBILITY FOR FUNDING UNDER CPUC RULE 20A

ATTACHMENT "E"



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES

A. 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-ways satisfactory to PG&E have been obtained by PG&E, provided that:

1. The governing body of the city or county in which such electric facilities are and will be located has:

a. Determined, after consultation with PG&E and after holding public hearings on the subject, that such undergrounding is in the general public interest for one or more of the following reasons:

- 1) Such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electric facilities;
- 2) The street or road or right-of-way is extensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic;
- 3) The street or road or 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; and
- 4) The street or road or right-of-way is considered an arterial street or major collector as defined in the Governor's Office of Planning and Research General Plan Guidelines.

(T)
(N)
|
(N)

b. Adopted an ordinance creating an underground district in the area in which both the existing and new facilities are and will be located requiring, among other things, (1) that all existing overhead communication and electric distribution facilities in such district shall be removed, (2) 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 (3) authorizing PG&E to discontinue its overhead service.

ATTACHMENT "F"



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

2. PG&E's total annual budgeted amount for undergrounding within any city or the unincorporated area of any county shall be allocated as follows: (N)

a. The amount allocated to each city and county in 1990 shall be the highest of:

1) The amount allocated to the city or county in 1989, which amount shall be allocated in the same ratio that the number of overhead meters in such city or unincorporated area of any county bears to the total system overhead meters; or

2) The amount the city or county would receive if PG&E's total annual budgeted amount for undergrounding provided in 1989 were allocated in the same ratio that the number of overhead meters in each city or the unincorporated area of each county bears to the total system overhead meters based on the latest count of overhead meters available prior to establishing the 1990 allocations; or

3) The amount the city or county would receive if PG&E's total annual budgeted amount for undergrounding provided in 1989 were allocated as follows:

a) Fifty percent of the budgeted amount allocated in the same ratio that the number of overhead meters in any city or the unincorporated area of any county bears to the total system overhead meters; and

b) Fifty percent of the budgeted amount allocated in the same ratio that the total number of meters in any city or the unincorporated area of any county bears to the total system meters. (N)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

2. (Cont'd.)

b. Except as provided in Section 2.c., the amount allocated for undergrounding within any city or the unincorporated area of any county in 1991 and later years shall use the amount actually allocated to the city or county in 1990 as the base, and any changes from the 1990 level in PG&E's total annual budgeted amount for undergrounding shall be allocated to individual cities and counties as follows:

(N)

- 1) Fifty percent of the change from the 1990 total budgeted amount shall be allocated in the same ratio that the number of overhead meters in any city or unincorporated area of any county bears to the total system overhead meters; and
- 2) Fifty percent of the change from the 1990 total budgeted amount shall be allocated in the same ratio that the total number of meters in any city or the unincorporated area of any county bears to the total system meters.

c. When a city incorporates, resulting in a transfer of utility meters from the unincorporated area of a county to the city, there shall be a permanent transfer of a prorata portion of the county's 1990 allocation base referred to in Section 2.b. to the city. The amount transferred shall be determined:

- 1) Fifty percent based on the ratio that the number of overhead meters in the city bears to the total system overhead meters; and
- 2) Fifty percent based on the ratio that the total number of meters in the city bears to the total system meters.

When territory is annexed to an existing city, it shall be the responsibility of the city and county affected, in consultation with the Utility serving the territory, to agree upon an amount of the 1990 allocation base that will be transferred from the county to the city, and thereafter to jointly notify PG&E in writing.

(N)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

2. (Cont'd.)

d. However, Section 2 a, b, and c shall not apply to PG&E where the total amount available for allocation under Rule 20-A is equal to or greater than 1.5 times the previous year's statewide average on a per customer basis. In such cases, PG&E's total annual budgeted amount for undergrounding within any city or the unincorporated area of any county shall be allocated in the same ratio that the number of overhead meters in the city or unincorporated area of any county bears to the total system overhead meters.

e. Upon request by a city or county, the amounts allocated may be exceeded for each city or county by an amount up to a maximum of five years' allocation at then-current levels where PG&E establishes additional participation on a project is warranted and resources are available. Such allocated amounts may be carried over for a reasonable period of time in communities with active undergrounding programs. In order to qualify as a community with an active undergrounding program the governing body must have adopted an ordinance or ordinances creating an underground district and/or districts as set forth in Section A.1.b. of this Rule. Where there is a carry-over or additional requested participation, as discussed above, PG&E has the right to set, as determined by its capability, reasonable limits on the rate of performance of the work to be financed by the funds carried over. When amounts are not expended or carried over for the community to which they are initially allocated they shall be assigned when additional participation on a project is warranted or be reallocated to communities with active undergrounding programs.

(N)

(N)

(T)

(T)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

- 3. The undergrounding extends for a minimum distance of one block or 600 feet, whichever is the lesser. (L)

Upon request of the governing body, PG&E will pay from the existing allocation of that entity for: (T)
(T)

- a. The installation of no more than 100 feet of each customer's underground electric service lateral occasioned by the undergrounding. (T)
(L)
- b. The conversion of electric service panels to accept underground service, up to \$1,500 per service entrance, excluding permit fees. (N)
(N)

The governing body may establish a smaller footage allowance, or may limit the amount of money to be expended on a single customer's electric service, or the total amount to be expended on all electric service installations in a particular project. (L)
(L)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

B. In circumstances other than those covered by A above, PG&E will replace its existing overhead electric facilities with underground electric facilities along public streets and roads or other locations mutually agreed upon when requested by an applicant or applicants when all of the following conditions are met:

- 1. a. All property owners served from the overhead facilities to be removed first agree in writing to have the wiring changes made on their premises so that service may be furnished from the underground distribution system in accordance with PG&E's rules and that PG&E may discontinue its overhead service upon completion of the underground facilities; or
- b. Suitable legislation is in effect requiring such necessary wiring changes to be made and authorizing PG&E to discontinue its overhead service.

2. The applicant has:

- a. Furnished and installed the pads and vaults for transformers and associated equipment, conduits, ducts, boxes, pole bases and performed other work related to structures and substructures including breaking of pavement, trenching, backfilling, and repaving required in connection with the installation of the underground system, all in accordance with PG&E's specifications, or, in lieu thereof, paid PG&E to do so;
- b. Transferred ownership of such facilities, in good condition, to PG&E; and
- c. Paid a nonrefundable sum equal to the excess, if any, of the estimated costs, of completing the underground system and building a new equivalent overhead system. (T)

3. The area to be undergrounded includes both sides of a street for at least one block or 600 feet, whichever is the lesser, and all existing overhead communication and electric distribution facilities within the area will be removed.

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

B. (Cont'd)

4. PG&E may, when requested by the city or county and mutually agreed upon by such government entity and PG&E, initially fund any required engineering/design costs for conversion projects under this section. In the event such a project proceeds, the requesting city or county shall reimburse PG&E for such engineering/design costs before PG&E shall be required to commence further work on the project. In the event the project is not approved to proceed within two and one-half years of PG&E's delivery of such engineering/design study, the requesting city or county shall reimburse PG&E for its costs of such engineering/design study within 90 days of a demand by PG&E. In the event payment is not received PG&E shall expense such costs as an operational cost and shall reduce the city or county's allocations provided under Section A of this Schedule by the amount.

(N)

5. The costs of removal of the overhead poles, lines, and facilities are the responsibility of PG&E and will be paid by PG&E. Such payments shall not operate to reduce Rule 20-A allocations.

(N)

C. In circumstances other than those covered by A or B above, when mutually agreed upon by PG&E and an applicant, overhead electric facilities may be replaced with underground electric facilities, provided the applicant requesting the change pays, in advance, a nonrefundable sum equal to the estimated cost of the underground facilities less the estimated net salvage value and depreciation of the replaced overhead facilities. Underground services will be installed and maintained as provided in PG&E's rules applicable thereto.

D. The term "underground electric system" means an electric system with all wires installed underground, except those wires in surface mounted equipment enclosures.



CITY OF OAKLAND



MUNICIPAL SERVICE CENTER · 7101 EDGEWATER DRIVE · OAKLAND, CALIFORNIA 94621

Public Works Agency

(510) 615-5430
FAX (510) 615-5411
TDD (510) 238-7644

January 12, 2001

Steven R. Brown
5946 Rincon Drive
Oakland, CA 94611

Re: Request for Utility Undergrounding on Rincon Drive

Dear Mr. Brown:

This letter is to acknowledge the City's receipt of your letter requesting to have the overhead utilities installed underground on Rincon Drive. Your request will be placed on the pending list of proposed projects as shown on the exhibit "A" attached, provided you return the attached petition signed by a minimum of 60% of the properties where you are requesting undergrounding.

To qualify for the utilities funding which covers all of the utility company costs, your street must conform to at least one of the three criteria established by the California Public Utilities Commission (CPUC) in accordance with Pacific Gas and Electric's Rule 20A (copy attached). The cost for the electrical work on each house (less \$1,500 paid by PG&E) to accept underground service, street lighting and project coordination is required to be paid by the property owners per City Council policy. This is estimated to be approximately \$5,500 - \$7,000 per property in today dollars. Currently policy allows this to be paid by an assessment over several years.

The City presently has several approved projects that have qualified in accordance with CPUC rules. Projects are listed on the attachment "Exhibit A". These projects will utilize the City's annual allocations from the CPUC over the next several years. The City has also received petitions for proposed projects from other areas of Oakland that are awaiting future evaluation to determine if they qualify when future CPUC funds become available. The CPUC funds necessary to implement these existing proposed projects are estimated to utilize the annual allocation over approximately the next 20 years. The City's policy is to implement projects in the order a successful petition form is received and as CPUC funding becomes available. If a successful petition is returned, your street will be evaluated 2-3 years before funds are anticipated to be available.

ATTACHMENT "G"

Page 2
Steven R. Brown
January 12, 2001

I have also attached a question and answer document that will answer many questions typically asked by residents in underground projects. We realize citizens of Oakland requesting these projects would like to have the projects implemented more expediently, but until additional funding is made available through the CPUC this does not appear to be a realistic expectation.

If you have any questions, you may call the Underground Utility Project Coordinator Victor Lassey at (510) 615-5425.

Sincerely,



ELROY HOLTSMANN
Electrical Services Manager

EH:tm

Cc: Victor Lassey, Underground Utility Coordinator ✓

Attachments

CITY OF OAKLAND
UNDERGROUND UTILITY PROJECTS

PROJECT	YEAR PETITIONED	RESOLUTION NO. & YEAR	START OF CONSTRUCTION	CONSTRUCTION STATUS	APPROXIMATE LENGTH OF PROJECT IN MILES
<i>APPROVED:</i>					
LAKESHORE PHASE IV	1985	66711 11/07/89	1999	TO BE COMPLETED IN 2000	1.1
MASALLE/LIGGETT/ PERSHING	1986	72967 10/01/96	1999	TO BE COMPLETED IN 2000	2.2
HARBORD/ESTATES	1986	72977 10/08/96	1999	TO BE COMPLETED IN 2000	2.0
PIEDMONT PINES	1987	75652 5/02/00	TBD	TO BE COMPLETED IN 2001	14.5
<i>PROPOSED:</i>					
LAKESHORE PHASE V		N/A	TBD	N/A	N/A
LAKEMORE AREA	1987	N/A	TBD	N/A	3.5
MOUNTAIN BLVD./ THORNHILL DR.	1989	N/A	TBD	N/A	1.3
SEQUOYAH RD.	1991	N/A	TBD	N/A	1.2
MACARTHUR BLVD. FROM 73RD TO SAN LEANDRO LINE	1993	N/A	TBD	N/A	2.0
HIGH VOLTAGE TRANSMISSION LINES PLUG	1994	N/A	TBD	N/A	2.0
SHEFFIELD AVE.	1995	N/A	TBD	N/A	2.0
PANORAMIC HILL AREA	1996	N/A	TBD	N/A	N/A
CABOT DRIVE	1996	N/A	TBD	N/A	N/A
CHABOT RD. & PRESLEY WAY	1998	N/A	TBD	N/A	N/A
ASHMOUNT AVENUE	1998	N/A	TBD	N/A	N/A
FAIRVIEW PARK AREA (HILLEGASS)	1998	N/A	TBD	N/A	N/A
MAWONA AVENUE	1998	N/A	TBD	N/A	N/A
JACOBUS AVENUE	1998	N/A	TBD	N/A	N/A
CLARENDON CRESCENT	1998	N/A	TBD	N/A	N/A
CRANE WAY	1998	N/A	TBD	N/A	N/A
COLTON BLVD.	2000	N/A	TBD	N/A	N/A
TBD = TO BE DETERMINED WHEN STREET IS EVALUATED FOR FUNDING UNDER CPUC RULES.					

PROPERTY OWNER'S PETITION REQUEST TO FORM A UTILITY UNDERGROUND DISTRICT

TO: CITY OF OAKLAND
PWA - Electrical Division
FROM: Undersigned Property Owners

We, the undersigned property owners hereby request that the overhead utility lines be replaced with an underground system as provided by the California Public Utilities Commission Rules 20A & 32A. We understand that property owners are responsible for paying approximately 15% of the overall project cost, with the utility companies paying the remaining of the cost. The estimated cost per property owner is \$4,000 - \$5,500 per single family dwelling. This covers the cost of street lighting, project coordination and assessment district formation. This cost can be paid over a ten-fifteen year period as a property assessment, plus interest. The annual assessment is estimated to be approximately \$457 - 660 per year. In addition to this assessment, each owner will have to prepare their electrical service to except underground which is an average cost of \$1,000 per home above the CPUC \$1,500 rebate..

Form Instructions: List all house contiguous addresses where undergrounding is requested to be installed. Obtain signatures of 60% of these addresses before returning to PWA- Electrical Division.

Street Address	Name of Property Owner (Please Print)	Signature of Owner	Date



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES

(L)

A. 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-ways satisfactory to PG&E have been obtained by PG&E, provided that:

1. The governing body of the city or county in which such electric facilities are and will be located has:

a. Determined, after consultation with PG&E and after holding public hearings on the subject, that such undergrounding is in the general public interest for one or more of the following reasons:

- 1) Such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electric facilities;
- 2) The street or road or right-of-way is extensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic; and
- 3) The street or road or 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.

b. Adopted an ordinance creating an underground district in the area in which both the existing and new facilities are and will be located requiring, among other things, (1) that all existing overhead communication and electric distribution facilities in such district shall be removed, (2) 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 (3) authorizing PG&E to discontinue its overhead service.

(L)

(D)

(D)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

2. PG&E's total annual budgeted amount for undergrounding within any city or the unincorporated area of any county shall be allocated as follows: (N)

a. The amount allocated to each city and county in 1990 shall be the highest of:

1) The amount allocated to the city or county in 1989, which amount shall be allocated in the same ratio that the number of overhead meters in such city or unincorporated area of any county bears to the total system overhead meters; or

2) The amount the city or county would receive if PG&E's total annual budgeted amount for undergrounding provided in 1989 were allocated in the same ratio that the number of overhead meters in each city or the unincorporated area of each county bears to the total system overhead meters based on the latest count of overhead meters available prior to establishing the 1990 allocations; or

3) The amount the city or county would receive if PG&E's total annual budgeted amount for undergrounding provided in 1989 were allocated as follows:

a) Fifty percent of the budgeted amount allocated in the same ratio that the number of overhead meters in any city or the unincorporated area of any county bears to the total system overhead meters; and

b) Fifty percent of the budgeted amount allocated in the same ratio that the total number of meters in any city or the unincorporated area of any county bears to the total system meters. (N)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

2. (Cont'd.)

b. Except as provided in Section 2.c., the amount allocated for undergrounding within any city or the unincorporated area of any county in 1991 and later years shall use the amount actually allocated to the city or county in 1990 as the base, and any changes from the 1990 level in PG&E's total annual budgeted amount for undergrounding shall be allocated to individual cities and counties as follows:

(N)

- 1) Fifty percent of the change from the 1990 total budgeted amount shall be allocated in the same ratio that the number of overhead meters in any city or unincorporated area of any county bears to the total system overhead meters; and
- 2) Fifty percent of the change from the 1990 total budgeted amount shall be allocated in the same ratio that the total number of meters in any city or the unincorporated area of any county bears to the total system meters.

c. When a city incorporates, resulting in a transfer of utility meters from the unincorporated area of a county to the city, there shall be a permanent transfer of a prorata portion of the county's 1990 allocation base referred to in Section 2.b. to the city. The amount transferred shall be determined:

- 1) Fifty percent based on the ratio that the number of overhead meters in the city bears to the total system overhead meters; and
- 2) Fifty percent based on the ratio that the total number of meters in the city bears to the total system meters.

When territory is annexed to an existing city, it shall be the responsibility of the city and county affected, in consultation with the Utility serving the territory, to agree upon an amount of the 1990 allocation base that will be transferred from the county to the city, and thereafter to jointly notify PG&E in writing.

(N)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

2. (Cont'd.)

- d. However, Section 2 a, b, and c shall not apply to PG&E where the total amount available for allocation under Rule 20-A is equal to or greater than 1.5 times the previous year's statewide average on a per customer basis. In such cases, PG&E's total annual budgeted amount for undergrounding within any city or the unincorporated area of any county shall be allocated in the same ratio that the number of overhead meters in the city or unincorporated area of any county bears to the total system overhead meters.
- e. The amounts allocated in accordance with Section 2 a, b, c, or d may be exceeded where PG&E establishes that additional participation on a project is warranted. Such allocated amounts may be carried over for a reasonable period of time in communities with active undergrounding programs. In order to qualify as a community with an active undergrounding program the governing body must have adopted an ordinance or ordinances creating an underground district and/or districts as set forth in Section A.1.b. of this Rule. Where there is a carry-over, PG&E has the right to set, as determined by its capability, reasonable limits on the rate of performance of the work to be financed by the funds carried over. When amounts are not expended or carried over for the community to which they are initially allocated they shall be assigned when additional participation on a project is warranted or be reallocated to communities with active undergrounding programs.

(L)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

A. (Cont'd.)

3. The undergrounding extends for a minimum distance of one block or 800 feet, whichever is the lesser. (L)

Upon request of the governing body, PG&E will pay from the existing allocation of that entity for: (T)
(T)

a. The installation of no more than 100 feet of each customer's underground electric service lateral occasioned by the undergrounding. (T) (L)

b. The conversion of electric service panels to accept underground service, up to \$1,500 per service entrance, excluding permit fees. (N)
(N)

The governing body may establish a smaller footage allowance, or may limit the amount of money to be expended on a single customer's electric service, or the total amount to be expended on all electric service installations in a particular project. (L)
(L)

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

B. In circumstances other than those covered by A above, PG&E will replace its existing overhead electric facilities with underground electric facilities along public streets and roads or other locations mutually agreed upon when requested by an applicant or applicants when all of the following conditions are met:

1. a. All property owners served from the overhead facilities to be removed first agree in writing to have the wiring changes made on their premises so that service may be furnished from the underground distribution system in accordance with PG&E's rules and that PG&E may discontinue its overhead service upon completion of the underground facilities; or

b. Suitable legislation is in effect requiring such necessary wiring changes to be made and authorizing PG&E to discontinue its overhead service.

2. The applicant has:

a. Furnished and installed the pads and vaults for transformers and associated equipment, conduits, ducts, boxes, pole bases and performed other work related to structures and substructures including breaking of pavement, trenching, backfilling, and repaving required in connection with the installation of the underground system, all in accordance with PG&E's specifications, or, in lieu thereof, paid PG&E to do so;

b. Transferred ownership of such facilities, in good condition, to PG&E; and

c. Paid a nonrefundable sum equal to the excess, if any, of the estimated costs, of completing the underground system and building a new equivalent overhead system. (T)

3. The area to be undergrounded includes both sides of a street for at least one block or 600 feet, whichever is the lesser, and all existing overhead communication and electric distribution facilities within the area will be removed.

(Continued)



RULE 20—REPLACEMENT OF OVERHEAD WITH UNDERGROUND ELECTRIC FACILITIES
(Continued)

- C. In circumstances other than those covered by A or B above, when mutually agreed upon by PG&E and an applicant, overhead electric facilities may be replaced with underground electric facilities, provided the applicant requesting the change pays, in advance, a nonrefundable sum equal to the estimated cost of the underground facilities less the estimated net salvage value and depreciation of the replaced overhead facilities. Underground services will be installed and maintained as provided in PG&E's rules applicable thereto. (L)

- D. The term "underground electric system" means an electric system with all wires installed underground, except those wires in surface mounted equipment enclosures. (L)

Frequently Asked Questions
About Undergrounding
On CPUC Qualifying Streets

D) General

<i>Question</i>	<i>Answer</i>
1. What are the advantages of undergrounding?	<ul style="list-style-type: none"> • Aesthetics • Safety (fire reduction) • Increased property values • Outage frequency reduced during storms
2. What are the disadvantages of undergrounding?	<ul style="list-style-type: none"> • Homeowner incurs expenses for undergrounding. • Increased outage time, because utilities are underground (UG) and can't readily be seen.
3. What is undergrounding of the utility lines and who pays for it?	<p>Undergrounding is replacing all overhead lines with a state of the art underground system, and removing all overhead lines and supporting structures.</p> <p>It is paid with funds collected by utilities mandated by the CPUC allocations for undergrounding (PG&E Rule 20A, Pacific Bell Rule 32A). TCI pays its costs from their capital project funding. The underground streetlight system costs are paid by property owners within the district via a special assessment district. The property owner is responsible for all costs associated with panel conversion work less \$1,500 to be paid by PG&E.</p>
4. How is the homeowner in the district impacted?	<p>The homeowner participates in the project, by doing the following:</p> <ul style="list-style-type: none"> • Voting to authorize UG District creation • Voting to authorize Special Assessment District creation • Upgrading their electrical service entrance to accept UG service • Hiring a contractor to install the service lateral on their property, which is reimbursed by utilities • Coordinate cut-over with contractor and utilities • Endure inconvenience of construction (noise, heavy equipment, dirt and dust, and traffic congestion)
5. What if I don't want to be part of the undergrounding, but my neighbor does?	<p>During the formation of the underground district, every property owner has a vote for or against the district creation. It is recommended that a substantial majority (greater than 60%) of property owners must vote in favor of the district before it is approved by Council resolution. Hence all properties are legally required to participate.</p>
6. What is the difference between an underground district and an assessment district?	<p>An underground district is the legal boundary of the streets and properties where the aerial utility lines will be undergrounded.</p> <p>An assessment district is a legislative act that obligates every owner of property within the UG district to pay for the improvement.</p>

Frequently Asked Questions
About Undergrounding
On CPUC Qualifying Streets

<i>Question</i>	<i>Answer</i>
7. What happens if the property owner doesn't complete the panel conversion and service lateral trench in the allotted time?	The City will post property for thirty days for compliance. If no action after thirty days, the City will hire an electrical contractor to perform the necessary work on your property at your expense. A lien will be placed on your property until the full payment is made.
8. Will my street be resurfaced after undergrounding?	No, unless your street is scheduled for resurfacing in the City's work plan.
9. Will sidewalks be replaced after undergrounding?	If excavation is parallel with a gutter, and the width of the sidewalk is 6' or less, the entire length of excavation within the sidewalk area (traveled way) must be replaced. If sidewalk is greater than 6' wide, then only the portion of sidewalk from score line to score line must be replaced.
10. How long does construction take?	Time is proportional to project length.
11. How long will the contractor be in front of my property?	Typically one day for major trenching. Otherwise, work is intermittent and access is provided for walkways and driveways.
12. Will trees be damaged by construction?	Contractors must comply with the City's Protected Tree Ordinance, and work with arborists to insure that trees and their roots are not damaged as a result of this project.
13. Do I need a permit for my electrical panel conversion work, and how much does it cost?	Yes, call the City's permit desk at 510-238-4777 for specific information. Typically it is in the range of \$100-\$200 depending upon the scope of work. The electrical contractor normally includes the permit fee in his estimate.
14. What is the 100' Rule, and how is it applied?	Typically the property owner is required to install the service laterals (the underground conduits for electric, telephone, and cable TV, including trench excavation and backfill) on their property at their expense. PG&E Rule 20A.3, permits the City to request that PG&E pay for the installation of no more than 100 feet of each customer's underground electric service lateral. The City will implement the 100' rule on this project, reducing the homeowner's expense. For service laterals exceeding 100', the excess over 100' will be at owner's expense.
15. If my service lateral is 40', am I given credit for the remaining 60'?	No
16. Who will construct the service lateral on my property?	The property owner will hire their own licensed electrical contractor to install service laterals in accordance with PG&E, Pacific Bell, and TCI requirements. Homeowner will be reimbursed for up to 100' by utilities. If PG&E is the lead agency, their crew will install the service trench.
17. Where is the joint trench placed?	The joint trench is installed in the public right of way, which includes the pavement and some property on either side of the pavement edge. Typically the trench is installed on one side of the pavement to minimize traffic disruption and minimize cost.

Frequently Asked Questions
About Undergrounding
On CPUC Qualifying Streets

<i>Question</i>	<i>Answer</i>
18. When will I know where the joint trench will be?	After design is complete.
19. Where and when will construction start?	A large project is normally broken into phases. The contractor determines the starting location after bid award. Construction starts approximately thirty days after contract award.
20. What is installed in the service lateral trench on my property?	Three raceways (pipes), one for each utility, PG&E, Pacific Bell, and Cable Television.
21. What happens if two existing utility services are underground, but one utility is overhead (typically cable TV)?	The project will install the service lateral for the existing aerial utility (cable TV in this example). All utility services (electric, telephone, and TV) must be underground.
22. If my utility services are already underground, do I need to do anything?	Yes, you still need to vote. If your street is in the UG district and has streetlights, you will be included in the assessment district.
23. If my utility services are already UG, there are no streetlights on my block, and I don't want any, what do I need to do?	You need to submit a petition to the City, signed by the majority of property owners on your street, requesting exclusion from the UG District.
24. Does voting for UG district commit me to an assessment?	No. Voting indicates the community support to establish the UG district, assuming majority of property owner's vote in favor. Then the assessment vote follows in approximately 3-6 months.
25. Can my neighbor and I share the same joint trench for our service laterals?	Yes, but we recommend separate trenches. If necessary, adjacent property owners should exchange easements to accommodate joint trench facility. These easements should be recorded. Such easements may be extinguished by foreclosures, but should assist in minimizing future disputes.

II) Utility Systems

<i>Question</i>	<i>Answer</i>
1. Will fiber optic cable be installed for high-speed telecommunications?	This is up to the telecommunications utilities. To date they haven't because it is not economical, but the underground system is capable of accepting hard wire (copper) or fiber optic cable.
2. How long will I be without utility service?	Typically just an hour or two. PG&E will work closely with the property owner and their contractor to coordinate the cut-over and minimize power disruption.
3. Will excavation (digging) cause landslides?	The utilities are expected to address this issue during their design.

Frequently Asked Questions
About Undergrounding
On CPUC Qualifying Streets

III) Street Lighting

<i>Question</i>	<i>Answer</i>
1. Are new streetlights installed where existing streetlight is located?	Not necessarily. The direction from the community would be needed to install new lights in the vicinity of existing lights and/or provide additional lights if a street requests additional lights.
2. Will I have input to their locations?	Yes, during design each resident is afforded the opportunity to discuss SL locations affecting their property.
3. Will streetlights be installed on my private property?	No. In the unlikely event that it is required, the City will request the property owner to grant an easement for the streetlight. Without the easement, City cannot install streetlights on private property.
4. Will streetlights be installed on private driveways/streets?	No. If streetlights are desired on private driveways, the residents can contact PG&E to provide that service.
5. How are disputes regarding lighting levels and/or streetlight locations resolved between neighbors?	The City asks the neighbors to work with their block captains to negotiate a compromise. If necessary, City staff (arborist and electrical engineer) can meet to explore options and assist the best alternative.
6. Which light fixture does the City recommend?	The standard cobra is recommended because of reduced cost and better quality lighting. Ornamental is available.
7. What light source is used in the fixtures?	High Pressure Sodium (HPS) sources are used because they are the most energy efficient. These are the same as existing, and have the characteristic yellow/orange color.
8. Why don't you use "white" (Metal Halide) light sources?	Because they are not as energy efficient as HPS, and they have shorter lamp life. This results in higher maintenance and operating costs.
9. What wattages are the fixtures, and are the ornamental and cobra the same?	Typically 70 or 100 watt, and the ornamental and cobra would use the same wattage.
10. Who pays for the streetlight maintenance?	The maintenance and energy charge is paid from the City's LLAD (Landscaping and Lighting Assessment District).
11. What are the advantages and disadvantages of cobra fixtures?	<p>The advantages are:</p> <ul style="list-style-type: none"> • Best roadway lighting • Minimal cost • No glare • Minimal impact to views <p>The disadvantages are:</p> <ul style="list-style-type: none"> • Higher mounting height (26' MH) • Galvanized steel pole and arm • Less attractive during daylight • May impede view

Frequently Asked Questions
About Undergrounding
On CPUC Qualifying Streets

<i>Question</i>	<i>Answer</i>
12. What are the advantages and disadvantages of ornamental fixtures?	<p>The advantages are:</p> <ul style="list-style-type: none"> • Painted poles • Attractive during daylight • Lower mounting height (16' MH) <p>The disadvantages are:</p> <ul style="list-style-type: none"> • Minimal roadway lighting • Expensive • Impact views resulting from fixture glare.
13. Why are streetlight foundations extended above grade?	On upslope conditions, concrete foundation extends above grade to keep soil and corrosion off pole. Pole height varies to maintain constant fixture mounting height.

IV) Cost

<i>Question</i>	<i>Answer</i>
1. What expenses can I expect to incur as a result of this project?	You can expect to pay the special assessment district cost of \$4,000 to \$5,500 and your panel conversion cost averages \$2,500. Less PG&E \$1,500 allowance.
2. Does PG&E pay for service upgrade?	No, this property owner's expense if needed.
3. What does the panel conversion entail?	It consists of modifying your electric meter to accept power from an underground source. This typically involves hiring an electrical contractor, but can be done by property owner if qualified. City permit and inspection required.
4. Will City do panel conversion work for me?	Yes if requested, but it will be at property owner's expense. In addition to the conversion cost, there is a charge of \$435 for administrative costs.
5. Why doesn't the City pay the cost of providing streetlighting?	Because of financial constraints within the City, it is appropriate to make those benefiting (property owners) from the improvement (undergrounding) to pay for it.

V) Assessment

1. Is the assessment tax deductible?	No, but the interest may be. We recommend you check with your tax advisor.
2. What does my assessment actually pay for?	The assessment pays for the streetlight system, including labor, material, and trench in addition to project coordination, and assessment district formation (bond counsel, engineer's report, reserve, and bond sale).
3. What happens if I don't pay my assessment?	It becomes a lien on your property.
4. For how many years can the assessment be financed?	It normally is 15 years. Budget & Finance determines at time of assessment district creation, subject to existing market conditions.
5. If I finance my assessment, can I pay it off at any time?	Yes, by contacting Treasury Division of Budget & Finance. Contact Ted Live at 510-238-3830 for additional information.

Frequently Asked Questions
About Undergrounding
On CPUC Qualifying Streets

<i>Question</i>	<i>Answer</i>
6. Can the assessment be transferred with title change, or must I pay it off in full before selling my property?	The assessment can either be paid off or transferred, and is negotiable between buyer and seller.
7. Can the payment of the assessment be deferred until the property is sold or transferred?	No, it must be paid initially as a lump sum by a given deadline, or annually with your property tax bill.