

CITY OF YUBA CITY  
STAFF REPORT

**Date:** November 20, 2018  
**To:** Honorable Mayor & Members of the City Council  
**From:** Public Works Department  
**Presentation by:** Benjamin Moody, Deputy Public Works Director – Engineering

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**Summary**

**Subject:** Underground Utility District 18-1, Bridge Street – State Route 99 to Second Street

**Recommendation:** A. Conduct a Public Hearing and after consideration,  
B. Adopt a Resolution establishing Underground Utility District No. 18-1 along both sides of Bridge Street between State Route 99 and Second Street, including north of the 5<sup>th</sup> Street Bridge approach to Aylor Avenue, in accordance with the attached Underground Utility District No. 18-1 Area Map.  
C. Authorize the City Manager to enter into necessary agreements with involved parties to facilitate the undergrounding of existing overhead utilities in Underground Utility District No. 18-1.

**Fiscal Impact:** Minor staff and mailing costs for formation of the District. Majority of project costs are covered by PG&E Rule 20A funds. Remaining costs to be paid for using Account No. 1243 (Bridge Street Utility Undergrounding).

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**Purpose:**

To improve the operation and appearance of public utility facilities within the City in conjunction with the revitalization of the Bridge Street Corridor.

**Background:**

The Public Utilities Commission requires Pacific Gas & Electric Company (PG&E) to set aside a portion of their utility receipts each year for use in undergrounding existing overhead utilities, known as Electric Rule 20 (Rule 20A). Projects performed under Rule 20A are nominated by a city, county, or municipal agency and coordinated with PG&E, as well as other utilities. The costs for undergrounding under Rule 20A are recovered through electric rates after the project is completed.

In accordance with PG&E's Rule 20A program, governmental bodies must hold a public hearing on any proposed Rule 20A projects in order to determine that the specific project is in the general public interest. The governmental body must also adopt a resolution or ordinance creating an underground district in the area in which both the existing and new facilities are and will be located and requiring the removal of overhead facilities and the installation of underground services for all locations in the subject area (Attachment 1).

In December 2016, Council established Bridge Street from State Route 99 to Second Street as the top priority location for continuation/establishment of Underground Utility Districts (Attachment 2). Within this corridor, Council further prioritized the following segments:

<u>Priority</u>	<u>Location</u>
1-a	Bridge Street – Gray Avenue to Plumas Street
1-b	Bridge Street – Shasta Street to Second Street
1-c	Bridge Street – State Route 99 to Gray Avenue

Underground Utility Districts 98-3 and 09-1 cover portions of this corridor. PG&E recommends establishing a new Underground Utility District that includes the entire corridor with a phasing plan for implementation as funds become available.

**Analysis:**

Per the Yuba City Municipal Code, Council may designate areas as an Underground Utility District by resolution. Upon establishing an Underground Utility District, it then becomes unlawful to erect or construct new overhead equipment in the district and all existing poles, wires, and associated overhead structures must be placed in underground facilities within a reasonable time frame. All work associated with undergrounding the utilities will be done by PG&E and the other involved utilities, including engineering, excavation, backfill and restoration of paving, concrete, and landscaping.

The City annually receives approximately \$169,000 in Rule 20A allocations. As of September 2018, PG&E’s records indicate the City currently has approximately \$6.5 million available in Rule 20A allocations, including a five-year borrow on future annual allocations, as the Rule 20A program allows. To maximize project improvements, staff also plans to work with Sutter County to explore the possibility of obtaining County allocations to underground overhead utilities in areas that will mutually benefit both the City and County.

The average estimated cost to underground overhead utilities has increased significantly since Council’s December 2016 prioritization and is now currently \$1,200 per lineal foot. Using the total projected available funds, approximately 5,400 lineal feet of overhead utilities could be placed underground at this time. The Bridge Street Underground Utility District (18-1) will need to be phased over time as additional Rule 20A allocations are made to the City. The table below includes the total estimated cost of undergrounding the entire district, a breakdown by sections, and the phasing plan recommended by Engineering staff.

<u>Recommended Phase</u>	<u>Location</u>	<u>Length (feet)</u>	<u>Estimated Cost</u>
1	Bridge Street – Gray Avenue to Cooper Avenue	3,150	\$3,780,000
2	Bridge Street – Shasta Street to Second Street	2,500	\$3,000,000
3	Bridge Street – Cooper Avenue to Plumas Street	3,200	\$3,840,000
4	Bridge Street – State Route 99 to Gray Avenue	1,430	\$1,720,000
Total	Bridge Street – State Route 99 to Second Street	10,280	\$12,340,000

Note: Bridge Street from Plumas Street to Shasta Street has already been completed.

The recommended phasing plan covers the new 5<sup>th</sup> Street Bridge approach and the upcoming reconstruction project between Gray Avenue and Cooper Avenue. The remaining segments will not be completed for several more years while Rule 20A credits accumulate.

Conversion of overhead utility facilities underground in the City right-of-way also creates a need to convert adjacent properties from an aerial service to an underground service. There are 126 properties within the proposed Underground Utility District area, several of which are owned by the City. On November 8, 2018, staff mailed the attached letter and “Notice of Public Hearing” to the property owners that will be affected by the proposed Underground Utility District (Attachment 3). The City’s Municipal Code states that it is the property owner’s responsibility to construct and provide the service connection between the underground facilities and their meter box. This cost is expected to be \$2,500 to \$3,000 on average for each property. Upon the City’s request, the cost of these conversions can be covered through the City’s Rule 20A allocation credits.

In addition to the creation of Underground Utility District No. 18-1, the City is required to execute the attached Rule 20A General Conditions Agreement (Attachment 4). Staff is requesting authorization for the City Manager to execute this agreement and any other agreements necessary to facilitate the undergrounding conversions within Underground Utility District 18-1. Completion of these items will allow PG&E to proceed forward with their process to implement the underground conversion.

**Fiscal Impact:**

Only minor mailing and staff costs are associated with the formation of the Underground Utility District.

Modifying the City’s streetlights to accept underground service is not eligible for Rule 20A funds. The removal of City-owned equipment from poles that are to be relocated is also not eligible for Rule 20A funds. These costs would be paid for using Capital Improvement Program Account No. 1243 (Bridge Street Utility Undergrounding). Total cost to the City will be known once project engineering has been completed by PG&E. Any additional funds necessary will be requested through the next Capital Improvement Program budget process, if needed.

**Alternatives:**

1. Direct staff to modify the phasing plan for the Bridge Street Underground Utility District.
2. Do not establish Bridge Street from State Route 99 to Second Street as Underground Utility District 18-1. In this case, Council could elect to direct Rule 20A funds to another area within the City or delay utilizing Rule 20A funds altogether.

**Recommendation:**

- A. Adopt a Resolution establishing Underground Utility District No. 18-1 along both sides of Bridge Street between State Route 99 and Second Street, including north of the 5<sup>th</sup> Street Bridge approach to Aylor Avenue, in accordance with the attached Underground Utility District No. 18-1 Area Map.
- B. Authorize the City Manager to enter into necessary agreements with involved parties to facilitate the undergrounding of existing aerial utilities in Underground Utility District No. 18-1.

**Attachments:**

1. Resolution
2. Underground Utility District 18-1 Area Map
3. Letter and Notice of Public Hearing to Property Owners
4. PG&E Rule 20A General Conditions Agreement

Prepared by:

*/s/ Kevin Bradford*

Kevin Bradford  
Senior Engineer

Reviewed by:

Department Head

Finance

City Attorney

Submitted by:

*/s/ Steven C. Kroeger*

Steven C. Kroeger  
City Manager

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RB

TH via email

# ATTACHMENT 1

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF YUBA CITY,  
CALIFORNIA, ESTABLISHING UNDERGROUND UTILITY DISTRICT NO. 18-1  
ALONG BRIDGE STREET BETWEEN STATE ROUTE 99 AND SECOND  
STREET IN ACCORDANCE WITH THE ATTACHED UNDERGROUND UTILITY  
DISTRICT NO. 18-1 AREA MAP**

WHEREAS, the California Public Utilities Commission (CPUC) has authorized electric and telecommunication utilities to convert overhead utility lines and facilities to underground pursuant to Electric Rule 20 and Telecommunication Rule 32, and

WHEREAS, pursuant to certain criteria, CPUC rules allow participating cities to establish legislation authorizing the creation of underground utility districts within which existing overhead electric distribution and telecommunication distribution and service facilities will be converted to underground, and

WHEREAS, the City of Yuba City, has adopted an ordinance authorizing the City Council to designate areas within which all existing overhead poles, overhead wires and overhead equipment associated with the distribution of electric power, telecommunication services and cable television should be removed and replaced with underground wires and facilities; and

WHEREAS, the Director of Public Works for the City of Yuba City has consulted with the affected public utilities and such utilities have agreed that the proposed underground conversion district, designated the Underground Utility District 18-1 and more particularly described in Exhibit A attached hereto and incorporated herein by reference, meets the criteria established by the rules of the CPUC, to wit,

1. that such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electric facilities, and
2. that the streets or roads or right-of-ways in the proposed district are extensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic, and
3. that the streets or roads or right-of-ways in the proposed district are designated arterial streets or major collectors as defined in the Governor's Office of Planning and Research General Plan Guidelines and identified in the adopted General Plan of the City of Yuba City, and

WHEREAS, each year the City of Yuba City is notified by PG&E regarding the allocation of work credits for conversion of overhead electric distribution lines and facilities to underground, known as Rule 20A allocations, and

WHEREAS, the Director of Public Works for City of Yuba City has consulted with PG&E and determined that the City has accumulated Rule 20A work credits or PG&E has agreed that the City may borrow against future credits sufficient to complete the proposed overhead conversion project, and

WHEREAS, the City of Yuba City and the affected utilities have agreed by letter that each utility shall complete the engineering of their respective portion of the Underground Utility District 18-1, and

WHEREAS, the City of Yuba City and the affected utilities have agreed by letter that Pacific Gas and Electric Company shall be responsible for preparation of the trench profile and composite drawings and that Pacific Gas and Electric Company shall be designated as “trench lead” to manage trenching, installation of substructures, and pavement restoration and such other work, and

WHEREAS the Director of Public Works of the City of Yuba City and the affected utilities have agreed on a work schedule which meets their respective capabilities and further agreed to waive any administrative fees, costs or special street restoration requirements for purposes of this project, and

WHEREAS, to the extent required, the City of Yuba City has agreed to provide easements or rights of way on private property as may be necessary for installation of utility facilities in a form satisfactory to the affected utilities, and

WHEREAS, the City Council of the City of Yuba City has now received the report from the Director of Public Works recommending that the area identified in Exhibit A should be designated as an overhead utility conversion area within which all existing overhead poles, overhead wires and overhead equipment associated with the distribution of electric power, telecommunication services and cable television should be removed and replaced with underground wires and facilities; and

WHEREAS, upon the recommendation of the Director of Public Works, the City Council of the City of Yuba City has determined that the proposed Underground Utility District 18-1 is categorically exempt from environmental review pursuant to the California Environmental Quality Act, and

WHEREAS, the City of Yuba City has notified all affected property owners within the proposed Underground Utility District 18-1 and inviting same to attend a public hearing to discuss formation of the proposed district, and

WHEREAS, the City Council of the City of Yuba City held public hearings at which time the Council did receive and consider the recommendation of the Director of Public Works and did hear any and all objections or protests that were raised by the owners of property within the above described district pertaining to designating this area an overhead utility conversion district;

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Yuba City that:

Section 1. The public interest requires the removal of all existing utility poles, overhead wires and associated overhead structures and installation of underground wires and facilities for supplying electric power, communication, or similar associated services within the areas as shown in Exhibit A, attached hereto, with such area being designated as the Underground Utility District 18-1, and

Section 2. That the utility companies, cable television services and other affected services shall commence work on installation of underground facility installation in Underground Utility District 18-1 and that as each phase of the project is complete and ready for conversion from overhead to underground utility facilities, all fronting property owners shall be notified by first class letter, postage pre-paid, of the schedule for conversion of all utility service lines, and

Section 3, The electric utility shall use the underground conversion allocation computed pursuant to decisions of the California Public Utilities Commission for the purpose of providing to each premises requiring it in Underground Utility District 18-1 a maximum of one hundred feet of individual electric service trenching and conductor (as well as backfill, paving and conduit, if required) and each other serving utility shall provide service trenching and conductor in accordance with its rules and tariffs on file with the California Public Utilities Commission or as required by its Franchise Agreement with the City of Yuba City, and

Section 4. The electric utility shall use said underground conversion allowance allocation, up to a maximum amount of \$1500 per service entrance excluding permit fees, for the conversion of electric service panels to accept underground service in the Underground Utility District 18-1, and the City of Yuba City shall be financially responsible for any and all costs not covered by the electric utility for the installation and maintenance of the conduit and termination box located on, under or within any structure on the premises served, and

Section 5. That upon notification as specified in Section 2, all property owners in Underground Utility District 18-1 shall have underground electrical entrance facilities installed and inspected pursuant to the City of Yuba City Electrical Code within sixty (60) days and that should any property owner fail to install satisfactory underground electrical entrance facilities by the date specified in the notice, the electric utility shall notify the Director of Public Works who shall, within thirty (30) days direct the electric utility in writing to discontinue electrical service to the property, without recourse, pursuant to Rule 11 until electrical entrance facilities are ready to accept underground electrical conductors and have passed the necessary inspection requirements, and

Section 6. That once all services have been converted from overhead to underground, the utility companies, cable television services and other affected services shall remove all poles (except as specified above) and associated overhead facilities in Underground Utility District 18-1, within ninety (90) days.

The foregoing resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on the 20<sup>th</sup> day of November 2018.

AYES:

NOES:

ABSENT:

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Preet Didbal, Mayor

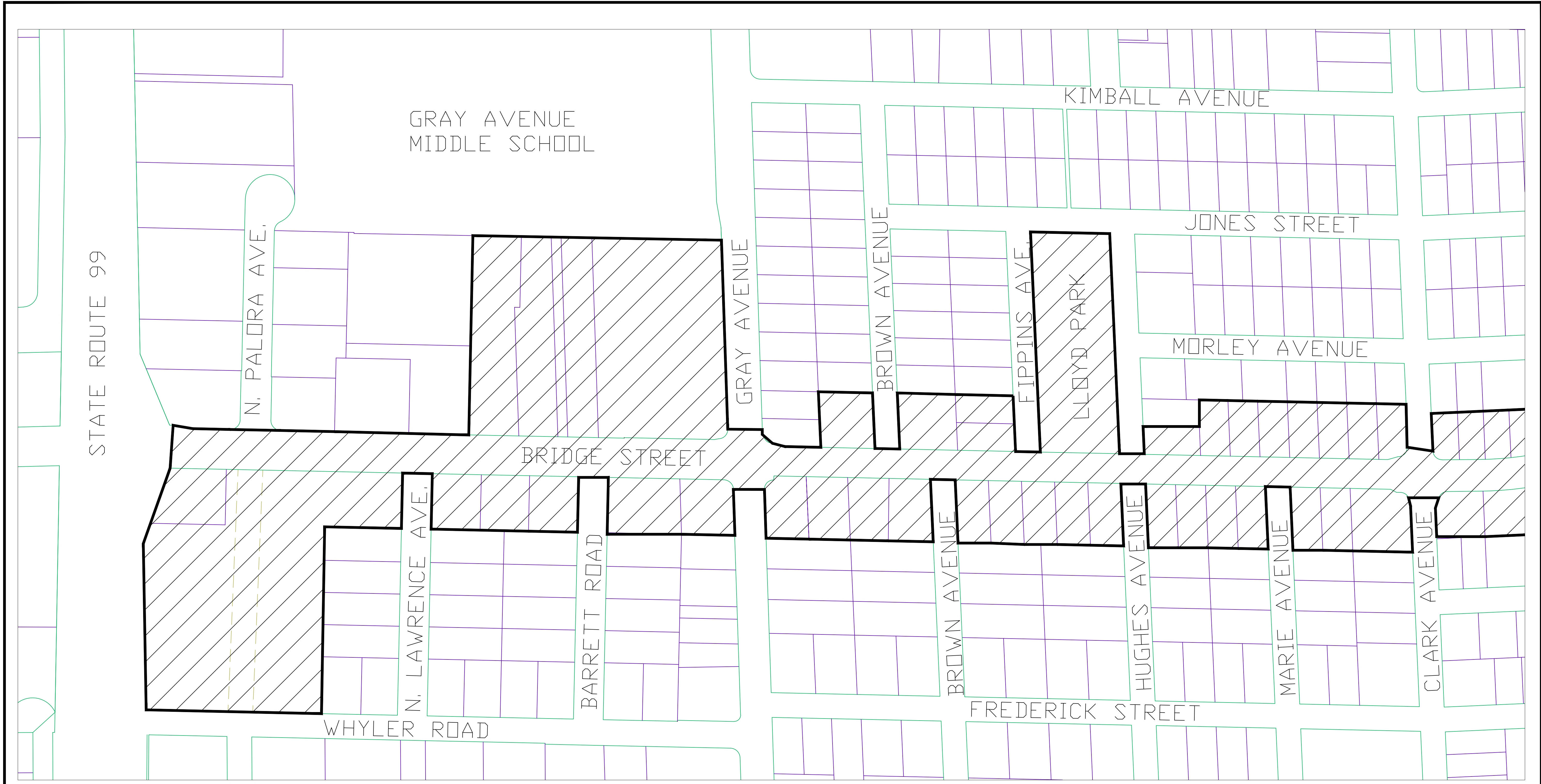
ATTEST:

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Patricia Buckland, City Clerk



## ATTACHMENT 2



STATE ROUTE 99

N. PALORA AVE.

GRAY AVENUE  
MIDDLE SCHOOL

GRAY AVENUE

BROWN AVENUE

KIMBALL AVENUE

JONES STREET

MORLEY AVENUE

BRIDGE STREET

FIPPINS AVE.

LLOYD PARK

N. LAWRENCE AVE.

BARRETT ROAD

BROWN AVENUE

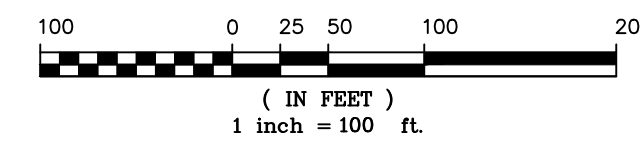
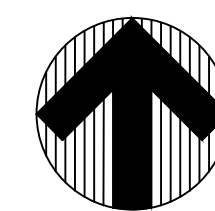
HUGHES AVENUE

MARIE AVENUE

CLARK AVENUE

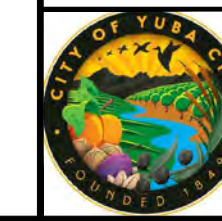
WHYLER ROAD

FREDERICK STREET



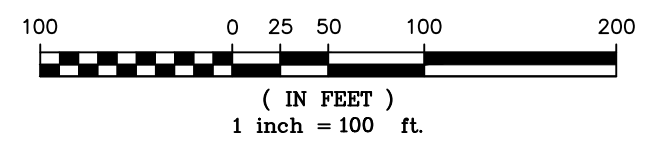
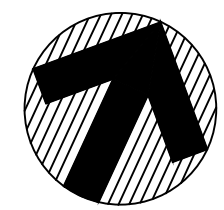
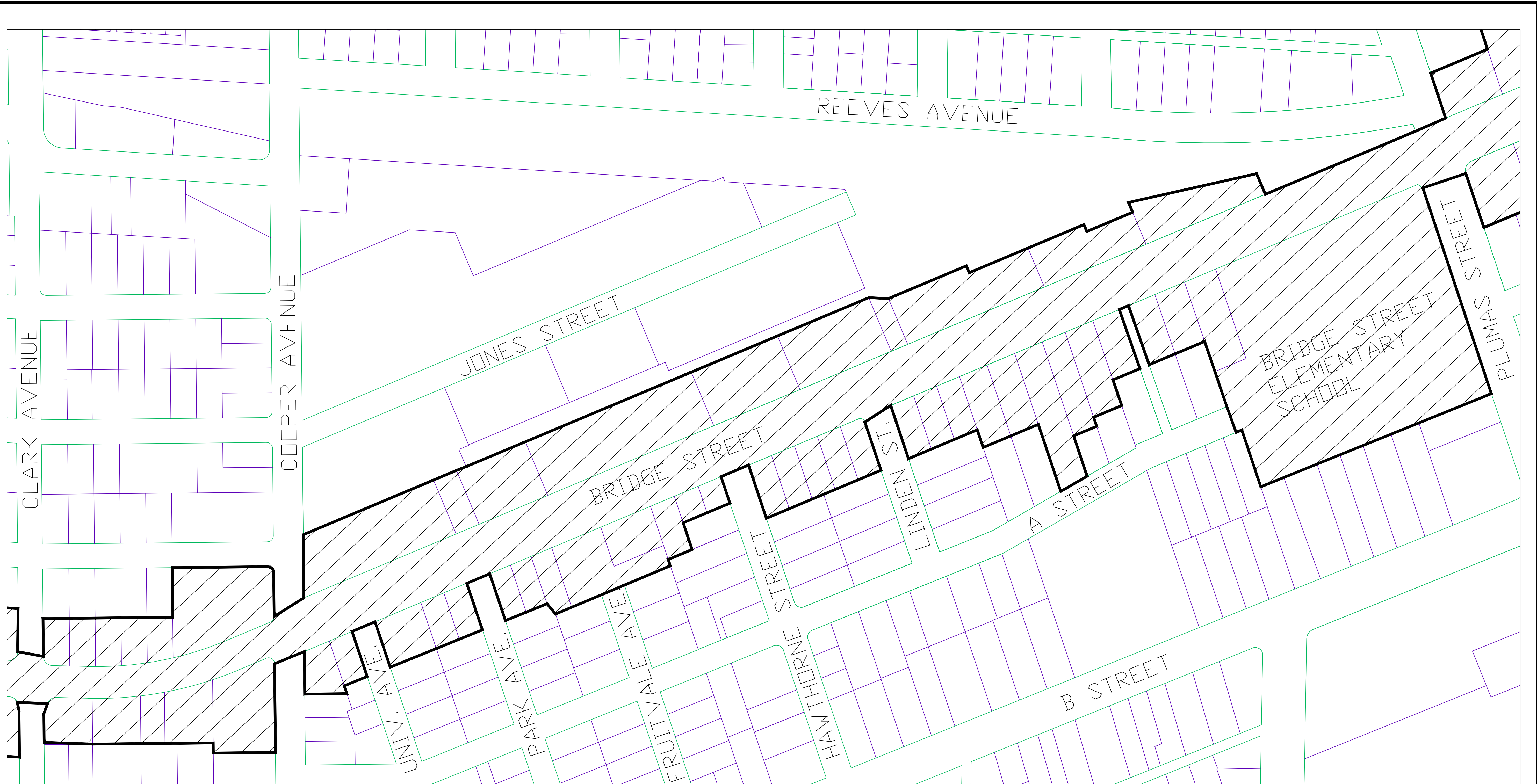
**CITY of YUBA CITY**

BRIDGE STREET YUBA CITY R20A  
BOUNDARY MAP



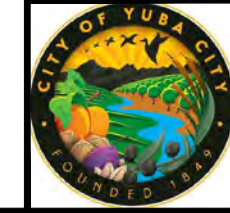
SUBMITTED BY: K. BRADFORD  1201 CIVIC CENTER BLVD. YUBA CITY, CA 95993 (530) 822-4632	DESIGN BY: KEB	DRAWING No.
	DRAWN BY: KEB	—
	CHECKED BY: STAFF	SHEET <u>1</u>
	DATE OF PLANS: 11-07-2018	OF <u>3</u> SHEETS





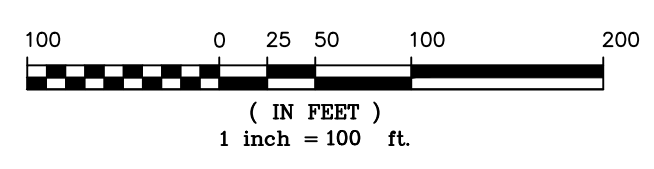
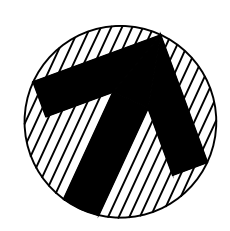
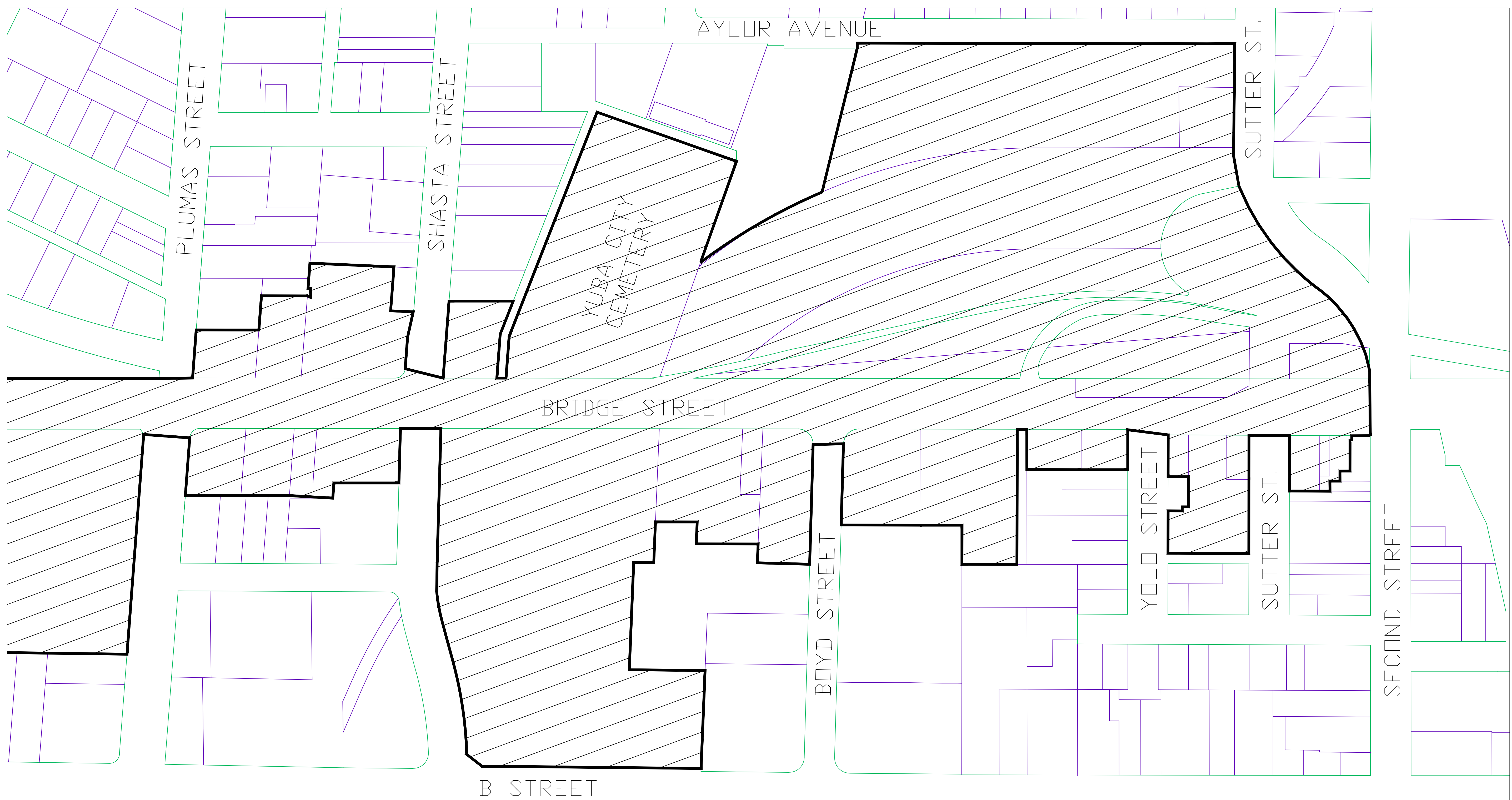
**CITY of YUBA CITY**

BRIDGE STREET YUBA CITY R20A  
BOUNDARY MAP




SUBMITTED BY: K. BRADFORD	DESIGN BY: KEB	DRAWING No.
1201 CIVIC CENTER BLVD. YUBA CITY, CA 95993 (530) 822-4632	DRAWN BY: KEB CHECKED BY: STAFF	—
DATE OF PLANS: 11-07-2018	SHEET <u>2</u> OF <u>3</u> SHEETS	





**CITY of YUBA CITY**

BRIDGE STREET YUBA CITY R20A  
BOUNDARY MAP

	SUBMITTED BY: K. BRADFORD	DESIGN BY: KEB	DRAWING No.
	1201 CIVIC CENTER BLVD. YUBA CITY, CA 95993 (530) 822-4632	DRAWN BY: KEB	—
		CHECKED BY: STAFF	SHEET <u>3</u>
		DATE OF PLANS: 11-07-2018	OF <u>3</u> SHEETS

# ATTACHMENT 3

## Public Works



November 7, 2018

«OWNER\_NAME»  
«MAIL\_ADDRESS»  
«MAIL\_CTYST» «MAIL\_ZIP»

RE: Notice to Property Owners – Proposed Underground Utility District

Dear Property Owner:

The City Council of the City of Yuba City is considering the establishment of an underground utility district along both sides of Bridge Street from the east side of State Route 99 to the west side of Second Street, including north of the 5th Street Bridge approach to Aylor Avenue. This project would place all existing overhead utility lines underground by December 31, 2020. Each commercial or residential service, currently served overhead, would have to be changed to accept underground utility connections.

Funds held by the utilities companies will pay for the conversion of existing overhead utility lines and poles to underground facilities. For the majority of residential and commercial properties, this would include the conversion of meters to underground feed and the installation of conduits from the property line to the electric panel. The City will arrange for the modification of existing services and coordinate the work with the property owners. Up to \$1,500 in Rule 20A funds will be available for the conversion of each individual electric service from overhead to underground. Remaining costs, if applicable, would be paid by the City or the individual property owner.

You are encouraged to attend the public hearing, as described on the enclosed notice, at the November 20, 2018 City Council meeting. For information regarding the underground utility district, Bridge Street development, and utility company contacts, please contact Senior Engineer Kevin Bradford at (530) 822-4786 and [kbradford@yubacity.net](mailto:kbradford@yubacity.net).

Thank you,

*Diana Langley*

Diana Langley  
City of Yuba City  
Public Works Director



## Public Works



### NOTICE OF PUBLIC HEARING

Notice is hereby given that on Tuesday, November 20, 2018, at 6:00 p.m. in the City Hall Council Chambers, 1201 Civic Center Blvd., Yuba City, CA 95993, the City Council of the City of Yuba City will hold a public hearing to consider the formation of the following underground utility district:

Underground Utility District 18-1: This would include Bridge Street from the east side of State Route 99 to the west side of Second Street, including north of the 5<sup>th</sup> Street Bridge approach to Aylor Avenue. Many of the residences and commercial buildings along Bridge Street are served from the existing overhead lines and will be required to convert to underground service.

Copies of the staff report and supporting material are available for public review at the City Clerk's Office, 1201 Civic Center Blvd., Yuba City, California. Members of the public who have questions or concerns relative to the project are encouraged to contact Senior Engineer Kevin Bradford at (530) 822-4786 and [kbradford@yubacity.net](mailto:kbradford@yubacity.net).

All interested parties are invited to attend the hearing to express their opinions. Written or verbal statements will be accepted. The Council Chambers are accessible by wheelchair. Reasonable accommodations for the disabled may be arranged with 72 hours advance notification to the Office of the City Clerk at (530) 822-4817, TDD (530) 822-4782.



# ATTACHMENT 4





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

PG&E Contract: \_\_\_\_\_
Contact #: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_, CALIFORNIA

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

Rule 20A Tariff:

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

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

Responsibilities of the Governmental Body:

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

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





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

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

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





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

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

### Responsibilities of PG&E:

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

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





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

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

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



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

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

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_

City/County of: \_\_\_\_\_

**PACIFIC GAS AND ELECTRIC COMPANY**

Governmental Body

\_\_\_\_\_  
Authorized by (Signature)

\_\_\_\_\_  
Authorized by (Signature)

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Name

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Title

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Title

Mailing Address

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