[Excavation in the Public Right-of-Way]

AMENDING PART II, CHAPTER 10 OF THE SAN FRANCISCO MUNICIPAL CODE (PUBLIC WORKS CODE) BY REPEALING ARTICLE 8 (EXCAVATIONS IN STREETS), REPEALING SECTIONS 672 AND 673 OF ARTICLE 14 (UNDERGROUND PIPES, WIRES AND CONDUITS), AND ADDING ARTICLE 2.4 (EXCAVATION IN THE PUBLIC RIGHT-OF-WAY), INCLUDING SECTION 2.4.44 TO IMPOSE A NEW STREET DAMAGE RESTORATION FEE; AUTHORIZING ESTABLISHMENT OF THE STREET CONSTRUCTION COORDINATION CENTER AND REQUESTING OTHER OFFICIAL ACTIONS IN CONNECTION THEREWITH; MAKING FINDINGS FOR THESE AMENDMENTS; AND AMENDING ARTICLE XIII OF CHAPTER 10 OF THE SAN FRANCISCO ADMINISTRATIVE CODE BY ADDING SECTION 10.117-119 TO CREATE A FUND FOR COLLECTION OF STREET DAMAGE RESTORATION FEES AND ADDING SECTION 10.117-120 TO REESTABLISH THE EXCAVATION FUND FOR THE COLLECTION OF OTHER DEPOSITS, FEES, AND PENALTIES IMPOSED BY ARTICLE 2.4.

Note: Additions are <u>underlined</u>; deletions are in ((double parentheses)). Be it ordained by the People of the City and County of San Francisco:

Section 1. **FINDINGS**. The Board of Supervisors finds that:

(a) Excavation in City streets can significantly disrupt and interfere with public use of the streets. Among other things, excavation can disrupt traffic flow, impeding public transportation such as buses and street cars that travel on fixed, scheduled routes, and creating barriers for pedestrians and bicyclists to navigate. Additionally, obstruction of streets during excavation can result in a loss of parking to nearby businesses and residents. Noise and debris from excavation can further inconvenience nearby businesses and residents and

limit access to their premises. These impacts can be magnified when a street is subject to multiple excavations within a relatively short period of time.

- (b) It is desirable to revise the Public Works Code to modify the existing street excavation permitting process to improve and encourage coordination of street work in order to minimize disruption to traffic flow, limit inconvenience to San Francisco businesses, residents and visitors, and provide for the public health, safety and well-being. Coordination of excavations can be improved and encouraged through a number of means.
- (c) Major excavation projects should be undertaken jointly and, with limited exceptions, there should be a moratorium on excavation in City streets that have been repaved in the past five (5) years.
- (d) Excavators should also be required to submit five-year plans of anticipated major excavations that will allow the Department of Public Works to identify conflicts and opportunities for coordinating street excavation with repaving while protecting confidential information submitted by excavators.
- (e) The street excavation permitting process should enhance the public's access to information about construction in streets by requiring excavators to provide notice of major excavation projects to the surrounding communities and to place explanatory signs at the excavation site.
- (f) The street excavation permitting process should minimize the impact of construction on neighborhood residents and businesses by enforcing cleanliness and safety standards for construction sites, imposing strict timelines for construction, and requiring excavators to install finished pavement with a uniform visual appearance.
- (g) The Department of Public Works should have the authority to enforce violations of the street excavation permitting process through the imposition of civil, criminal, or administrative penalties.

- (h) The impacts of excavation do not end when construction is complete. The Department of Public Works has sponsored two studies, prepared by a panel of engineering, statistical and economic experts, which demonstrate that excavation increases taxpayer costs to maintain City streets because it accelerates the deterioration and reduces the service life of streets. The Engineering Report commissioned by the Department of Public Works concludes that street damage occurs no matter how well the excavation is restored, and the more excavations that occur in a street, the more the street is damaged. Both the Engineering Report and the Economic Report, completed in September and October of 1998, respectively, are available in the Board of Supervisors' file. Studies performed in a number of cities, including the California cities of Los Angeles and Sacramento, confirm the findings of the City's reports.
- (i) The City's streets are a valuable public asset which the City holds in trust for its citizens. The City spends millions of tax dollars every year to maintain this public asset. The Economic Report commissioned by the Department of Public Works concludes that excavation costs City taxpayers an additional \$3.3 to \$5.1 million annually in increased street maintenance because of the damage it causes. Consequently, it is reasonable and in the public interest to impose a Street Damage Restoration Fee to be paid by excavators in order to recover the increased repaving and reconstruction costs caused by excavation which are currently born by taxpayers. It is also reasonable and in the public interest to structure the fee, and any exclusions from the fee, in a manner which discourages excavation in newly paved streets and encourages excavators to minimize excavation and to coordinate necessary excavation with the Department of Public Works' repaving schedule.

 Consequently, among other things, it is appropriate for the Street Damage Restoration Fee to be higher for newer streets, and lower for older streets and those scheduled for imminent repaving.

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- (j) The Economic Report estimates that the square foot cost to the City of excavation is between \$5.37 and \$8.38. Consequently, if the Street Damage Restoration Fee is \$3.50 or less per square foot of excavation, the City's proceeds from the fee will not exceed the repaying and reconstruction costs incurred by the City that are reasonably attributable to the impact of excavation in City streets, and no individual excavator will be charged a fee that exceeds the reasonable costs of the impact of that party's excavation on the need for repaying and reconstruction of City streets. Proceeds collected from the Street Damage Restoration Fee shall be used solely for repaving and reconstruction of City streets.
- (k) To ensure that proceeds from the Street Damage Restoration Fee do not exceed the repaying and reconstruction costs incurred by the City that are reasonably attributable to excavation, a separate fund should be created to deposit proceeds from the fee. Additionally, the Department of Public Works shall report to the Board of Supervisors regarding the proceeds collected and costs incurred, and a refund shall be granted to excavators in the event that proceeds from the fee exceed costs incurred that are reasonably attributable to excavation.
- (I) In a further effort to minimize disruption caused by excavation and other construction in City streets, the City shall create a Street Construction Coordination Center which will be responsible for planning and coordinating excavation in streets. In addition, the Director shall undertake efforts to inform the public, private and public excavators, and this Board about the progress of this legislation.

Section 2. Part II, Chapter 10 of the San Francisco Municipal Code (Public Works Code) is hereby amended by repealing Article 8 (Excavations in Streets) in its entirety as follows:

((ARTICLE 8

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1		EXCAVATIONS IN STREETS
2	Sec. 335.	Excavating in or Upon Street, Etc., Prohibited—Exception.
3	Sec. 336.	Department to Adopt Regulations.
4	Sec. 337.	Excavations Confined to Description in Application.
5	Sec. 338.	Application—Approval—Deposits—Bond.
6	Sec. 339.	Certificate of Authorization—Not Transferable—Extension of Time.
7	Sec. 341.	(Repealed)
8	Sec. 342.	Restoration of Streets—Penalty.
9	Sec. 343.	Regulating Advance Excavations.
10	Sec. 344.	Replacement of Pavement.
11	Sec. 345.	Side or Lateral Tamping Prohibited For Fills.
12	Sec. 346.	Repaving—Clearing Streets—Time Allowed.
13	Sec. 347.	Streets Opened for "Prospecting"—Repaving.
14	Sec. 348.	Clearing Street Obstructions—Strikes.
15	Sec. 349.	Defects Appearing After Completion—Duty to Repair—Expense.
16	Sec. 350.	Materials—Quality—Sign at Excavation.
17	Sec. 351.	Notice to Complete Work—Completion by Department.
18	Sec. 352.	Excavation Fees.
19	Sec. 352.1	Gas Service Relocation Fee.
20	Sec. 352.2	Collection of Excavation Fees.
21	Sec. 353.	Definitions—"Excavation"—"Permit"—"Block."
22	Sec. 354.	Deposit Retained For Three Years—Deductions.
23	Sec. 355.	Special Deposits—Retention—Return.
24	Sec. 356.	Return of General Deposit.
25	Sec. 357.	Decision of Department as to Cost of Work Final.
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1	Sec. 358.	Special "Excavation Fund" Established—Payments From.
2	Sec. 359.	Supervision of Work.
3	Sec. 361.	Abandonment of Underground Pipes, Etc.—Report—Maps.
4	Sec. 362.	Department May Delegate Power to Issue Certificates—Register Of.
5	Sec. 363.	Laying of Pipes, Etc., Without Permission, Forbidden.
6	Sec. 364.	Definition of "Service Connection."
7	Sec. 365.	Certificate to be Exhibited.
8	Sec. 366.	Provisions Applicable to Certain Works.
9	Sec. 367.	Provisions not Applicable to Official Work Performed by City Employees.
10	Sec. 368.	Emergency Excavations—Procedure.
11	Sec. 369.	Certificate Subject to Lawful Use of Street by Others.
12	Sec. 370.	Liability for Damages—City and City Officers Exempted.
13	Sec. 371.	Penalty.
14	Sec. 372.	Side-Sewer and Sub-Sidewalk Construction Not Affected.
15	Sec. 373.	Use of Labor-Saving Devices Authorized.
16	Sec. 374.	Moratorium.
17	SEC.	335. EXCAVATING IN OR UPON STREET, ETC., PROHIBITED —
18	EXCEPTIO	N. It shall be unlawful for any person, firm or corporation to make, or to cause or
19	permit to be	made, any excavation in or under the surface of any public street, alley, sidewalk
20	or other pub	olic place for the installation, repair or removal of any pipe, conduit, duct or tunnel,
21	or for any of	ther purpose, except side sewers and subsidewalk areas, without first obtaining
22	from the De	partment of Public Works a written certificate that such person, firm or corporation
23	is entitled to	make such excavation and making a deposit to cover the cost of inspection and
24	of restoring	such public street, alley, sidewalk or other public place to its original condition,

together with the incidental expenses in connection therewith, all as hereinafter in this Article provided. The Department of Public Works, before issuing such certificate, shall require:

- (a) Written Application. A written application for each excavation, upon a form to be furnished by the Department of Public Works to be made and filed with said department, wherein the applicant shall set forth the name and residence or business address of the person, firm or corporation making such application, and shall state in detail the location and approximate area of such excavation intended to be made and shall state the purpose for which the excavation is to be made and used;
- (b) Plat of Proposed Excavation. The presentation of a plat in duplicate showing the location of each proposed excavation and the dimensions thereof, and such other details as the Department of Public Works may require to be shown upon such plat;
- (c) Legal Authority for Use. That the applicant show legal authority to occupy and use, for the purpose mentioned in said application, the streets, alleys, sidewalks or other public places wherein the excavation is proposed to be made;
- (d) Material Ready for Use. That all the material to be used in any excavation will be on hand in the City and County ready for use before any portion of such excavation is made, otherwise any certificate issued shall be void.
- SEC. 336. DEPARTMENT TO ADOPT REGULATIONS. The Department of Public Works shall adopt such regulations for the location, size and depth of such excavations as it may deem necessary for the public welfare. Such regulations shall include a requirement that bridges flush with the pavement shall be maintained over all excavations in street crossings for the full width and length of such excavation; also over service trenches suitable coverings shall be maintained, and all excavations parallel to the curb not at street crossings or intersections shall be fenced where trenches are open.

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SEC. 337. EXCAVATIONS CONFINED TO DESCRIPTION IN APPLICATION. It shall be unlawful for any person, firm or corporation to make, or to cause or permit to be made, any excavation, or to install or cause or permit to be installed any tank, pipe, conduit, duct or tunnel, except side sewers and sub-sidewalk areas, in or under the surface of any public street, alley, sidewalk or other public place at any location, other than that described in the application and shown on the plats, filed by such person, firm or corporation, as required by the provisions of this Article.

SEC. 338. APPLICATION — APPROVAL — DEPOSITS — BOND. When the application to excavate and the details shown upon the accompanying duplicate plats, when such plats are required, comply with the terms of this Article and the regulations of the Department of Public Works, the application and duplicate plats shall be approved by the City Engineer's office. After such approval one of the duplicate plats shall be filed in the office of the City Engineer as a public record. The application and the other duplicate plat shall be filed with the Department of Public Works, together with a special deposit of \$10,000 per square foot of surface of each such excavations to be made in streets or other public places; provided, that no deposit shall be less than \$10,000; and provided, further, that any person, firm or corporation intending to make excavations in public streets, alleys or other public places may make and maintain with the said Department of Public Works a general deposit in the sum of \$25,000, which general deposit shall be used for the same purpose as the special deposits described hereinbefore in this Section, or may, in lieu thereof, execute and file with the Department of Public Works a bond in the penal sum of \$25,000, with some surety company authorized to do business in the State of California as surety thereon, running in favor of the City and County of San Francisco, conditioned that such person, firm or corporation shall make all payments required to be made by him or it under and pursuant to this Article, and while such general deposit is maintained at the said sum of \$25,000 or while

no breach of condition of said bond shall occur such person, firm or corporation shall not be required to make the special deposits hereinbefore in this Section provided for, but shall be required to file a written application for a permit for each such excavation and duplicate plats showing the location thereof, as in this Article provided, and to comply with all of the other provisions of this Article. If a general deposit is made the Department of Public Works shall deduct from the same all amounts due under the provisions of this Article for each calendar month from the person, firm or corporation maintaining the same and shall render a statement of such deductions at the end of each month to said person, firm or corporation who must, within five days, restore said deposit to its original amount. If a bond is executed and filed hereunder, the Department of Public Works shall each month render to the person, firm or corporation filing the same a statement showing the amount of the payments due from him or it hereunder, for such month and such person, firm or corporation must, within five days, pay such amount to the Department of Public Works pursuant to this Article.

EXTENSION OF TIME. Upon receiving a written application, as provided in Section 335 of this Article, and one of the duplicate plats, when such plats are required, each bearing the approval of the City Engineer, and the general or special deposit required by Section 338 of this Article, the Department of Public Works shall issue a certificate in writing, which shall be evidence of the right of the person, firm or corporation therein named to make such excavation, and shall open and keep an account thereof; provided, however, that the Department of Public Works shall not issue such certificate unless the applicant has legal authority to occupy and use, for the purpose mentioned in the application, the streets, alleys, sidewalks or other public places covered by said application.

Such certificate shall state whether the work to be done is covered by a general or special deposit, and, if a special deposit, shall state the amount thereof and shall be a receipt

therefor. It shall also specify the person, firm or corporation to whom the same is issued, the street, alley or other public place and the particular portion or portions thereof to be excavated and the approximate extent of such excavation. No certificate shall be transferable. The certificate shall state a time when all of the work to be done thereunder shall be completed and every such certificate shall become and be void unless the excavation to be made pursuant thereto is commenced within six months from the date of issuance of said certificate and the work diligently prosecuted as in this Article required; provided, however, that the Department of Public Works may grant not to exceed one extension of time for a period not exceeding 30 days, such extension to be granted in the same manner as the original certificate.

- (a) Penalty. In case any excavation made in accordance with any certificate shall not be refilled and the pavement restored within the time stated therein, or within the time as extended as herein permitted, then the sum of \$25 for each day such work is thereafter incompleted shall be deducted from the deposit made as required by Section 338 of this Article.
- SEC. 342. RESTORATION OF STREETS PENALTY. In every case the street or thoroughfare so opened or torn up shall be restored by the person, firm or corporation opening or tearing up the same, in the manner and with the material in this Article provided, and to as good a condition as it was in before the opening or tearing up thereof.

The person, firm or corporation opening or tearing up any pavement shall assume the full responsibility for all reconstruction and repairs as aforesaid, and shall be subject to the penalties hereinafter in this Article provided in case the work of such repairs and reconstruction was not properly performed.

SEC. 343. REGULATING ADVANCE EXCAVATIONS. No trench shall be opened in any graded street or thoroughfare for the purpose of laying pipes or conduits more than 600

feet in advance of the pipe or conduit placed therein, except in case of emergency and by consent of the Department of Public Works. All such trenches shall be backfilled and the old torn-up pavements shall be removed from the street, together with the surplus excavated material, within three working days from the time such material is placed upon the street, except by the written consent of the Department of Public Works.

SEC. 344. REPLACEMENT OF PAVEMENT. Pavement shall be restored within seven working days from the time the trench was backfilled in the manner specified by order of the Director of Public Works.

On major streets designated by the Director of Public Works during the period following the laying of the concrete base to the relaying of the wearing surface such concrete shall be covered with steel plates ramped to the elevation of the contiguous pavement.

SEC. 345. SIDE OR LATERAL TAMPING PROHIBITED FOR FILLS. Whenever any caving occurs in the side walls of any excavation, the pavement above such paving shall be cut away, and in no case shall any void under a pavement be filled by any side or lateral tamping.

SEC. 346. REPAVING — CLEARING STREETS — TIME ALLOWED. In every case the work or repaving over all trenches must be commenced immediately after said trenches are backfilled, and the work of clearing up the streets is to be considered a part of the repaving work, and shall be finished within the same time allowed in all cases for said repaving and to the satisfaction of the Department of Public Works.

SEC. 347. STREETS OPENED FOR "PROSPECTING" — REPAVING. When a street is opened for the purpose of what is known as prospecting or for the purpose of making repairs or alterations to pipes or conduits, as soon as the work of such repairs and alterations is finished, the trench shall be backfilled and pavement restored in the manner and within the

time allowed for the restoration of the same kind and character of pavements over main or service trenches.

SEC. 348. CLEARING STREET OBSTRUCTIONS — STRIKES. In every case and at all times the work of removal from the streets of all obstructions, surplus materials and debris or waste matter of every description caused and accumulated by said work of opening and restoring public streets and thoroughfares, shall be kept up jointly with the work of backfilling and repaving either over "main" or "service" trenches, and all finished together — or nearly so and within the time herein allowed in Sections 342 to 347, inclusive, of this Article, and in all cases the surface of the street shall be restored to as good a condition as it was in before the work of opening commenced.

When any of the work required to be done by Sections 343 to 348, inclusive, of this Article is necessarily delayed by any strike or strikes, such delay shall be added to the time limits therein prescribed.

SEC. 349. DEFECTS APPEARING AFTER COMPLETION — DUTY TO REPAIR — EXPENSE. In case the pavement or surface of the street over said openings should become depressed or broken at any time after the work has been completed — natural wear of the surface or improper work of some other person, firm or corporation excepted — the person, firm or corporation for whom the street was opened shall, upon a written notice from the Department of Public Works, immediately proceed to repair and restore said pavement in a proper and workmanlike manner to the satisfaction of the Department of Public Works, immediately and it is hereby expressly declared that the fact that the original work of restoring said pavement or surface was subject to the inspection or inspected by or under the authority of the Department of Public Works as in this Article provided shall not excuse such person, firm or corporation from the duty and obligation imposed by this Article.

When the street was opened for any department, board or officer of the City and County of San Francisco in the discharge of its, his or her official duty, the written notice shall be sent to the person or firm who actually opened the street, and it shall be the responsibility of such person or firm to repair and restore the pavement.

In case said pavement is not completely restored within 30 days after such notice has been given, and unless delayed by a strike or strikes, or conditions beyond their control, the said Department shall thereupon do the work at the expense of said delinquent person, firm or corporation.

SEC. 350. MATERIALS — QUALITY — SIGN AT EXCAVATION. All materials shall be furnished by the party or parties for whom the work is being done, and said material shall be of the best quality in strict accordance with the City's Standard Specifications, and all the work shall be performed in a proper and workmanlike manner in compliance with the Rules and Regulations and to the satisfaction of the Department of Public Works. The person, firm or corporation, during the progress of the work, shall maintain a sign at such excavation bearing the name of such person, firm and the address and telephone number at which the person or firm may be reached at any time during the day or night.

SEC. 351. NOTICE TO COMPLETE WORK — COMPLETION BY DEPARTMENT. In case any part of the work herein referred to, such as refilling of trenches, restoring the pavements or clearing the streets, is not completed within the time required by Sections 339 to 348, inclusive, of this Article (excepting by reason of legal holidays or delays caused by strike or strikes), or unless the Department of Public Works shall in its discretion allow further time for the work that cannot be reasonably so performed, the said Department shall notify in writing the person, or firm doing the work to complete the same within 48 hours thereafter, legal holidays excepted, and in case said work should not be so completed within 48 hours after said notice has been received, the Department of Public Works shall have full power to

do said work, or may contract for the performance of said work, and the reasonable cost thereof shall be deducted from the general or special deposit of the delinquent person or firm. If, in the judgment of the Director of Public Works or his designated representative, the construction defect is considered hazardous or if it constitutes a public nuisance, requiring immediate action, the Director may order the condition remedied by written or oral, including telephonic communication to the person or firm specified on the sign described in Section 350. If the person or firm doing the work cannot be reached or does not take immediate action, the Department of Public Works shall have full power to do said work, or may contract for the performance of said work, and the reasonable cost thereof, including administrative expense, shall be deducted from the general or special deposit of the delinquent person, firm or corporation.

SEC. 352. EXCAVATION FEES. The Department of Public Works shall collect for any excavation permit, under the authority of which the excavation was made an amount equal to \$0.80 per square foot of pavement to be excavated, plus a \$50 processing fee for each permit to cover the cost of incurred by the Department of Public Works in the exercise of its duties pursuant to this Article and for the administration, supervision and inspection of the permitted excavation.

In addition to the fees provided for hereinabove, the Director is authorized to deduct or collect amounts to compensate the Department for any and all special costs including but not limited to overtime, weekend or night work, or other work for which the Department may incur more than the normal anticipated cost for administration, supervision and inspection; and for any and all extraordinary costs, including but not limited to costs arising from unanticipated or emergency work incidental to the permitted excavation.

SEC. 352.1. GAS SERVICE RELOCATION FEE. In addition to the fees provided for in Section 352 of this Article, the Director of Public Works or his or her designated

representative is authorized to deduct or collect a fee of \$35 for each gas house-line relocated as part of a gas main replacement.

SEC. 352.2. COLLECTION OF EXCAVATION FEES. The Director of Public Works is authorized to establish procedures for efficient and effective billing and collection of the fees provided for in Section 352 of this Article. The Director in his or her discretion may require any permittee to deposit in advance of undertaking any excavation, a sum representing the estimated fees anticipated to be incurred for said excavation within any fiscal year, from which deposit any fees attributable to said permit work may be deducted as provided in Section 352 of this Article. Prior to requiring any permittee to deposit estimated fees in advance of any excavations the Director shall consider the permittee's record of past payment.

SEC. 353. DEFINITIONS — "EXCAVATION" — "PERMIT" — "BLOCK." For the purpose of this Article, an "excavation" shall be defined as an opening in or beneath any public street, alley, sidewalk or other public place. A "block" shall be defined as the area of a street from property line to property line in width and extending from the centerline of one intersecting street to the centerline of the next intersecting street. At the discretion of the Director, all excavations within one block or a continuous excavation extending more than one block and occurring within the same time period may be considered one excavation for purposes of computing the fees provided for in Section 352 of this Article.

SEC. 354. DEPOSIT RETAINED FOR THREE YEARS — DEDUCTIONS. The balance of each such deposit, after the deductions hereinbefore provided for have been made, shall be retained by the City and County of San Francisco for three years from the date of the completion of the work.

The said City and County shall also deduct the cost of any work done or repairs made by the Department of Public Works, as provided for in this Article, from any and all deposits

then on hand, belonging to or that may thereafter be made by any person or firm required by this Article to do any work or to make any repairs under the provisions of Sections 349, 350 and 351 of this Article, and who shall have failed, refused or neglected to perform such work or to make such repairs.

SEC. 355. SPECIAL DEPOSITS — RETENTION — RETURN. Each special deposit made pursuant to the provisions of this Article shall be retained by the City and County of San Francisco for a period of three years after the completion of the refilling of the excavation on account of which such special deposit was made, and at the expiration of such period of three years, such special deposit, less the deductions made pursuant to this Article, shall be returned to the person, firm or corporation making the same, or to such person's or firm's assigns.

SEC. 356. RETURN OF GENERAL DEPOSIT. Each general deposit made pursuant to the provisions of this Article may be returned at any time to the person, firm or corporation making the same, or to his or its assigns, after first making the deductions therefrom authorized by this Article; provided, however, that the City and County of San Francisco shall retain, of each general deposit, such amounts and for such period of time as would be required by this Article if the amount of such general deposit had been paid as special deposits for permits for the several excavations made by reason of such general deposit.

SEC. 357. DECISION OF DEPARTMENT AS TO COST OF WORK FINAL. The decision of the Department of Public Works as to the cost of any work done or repairs made by it or under its direction pursuant to the provisions of Sections 349, 350 and 351 of this Article shall be final and conclusive as to such cost.

SEC. 358. SPECIAL "EXCAVATION FUND" ESTABLISHED — PAYMENTS FROM.

All the moneys paid to the Department of Public Works under the provisions of Sections 352 to 354, inclusive, of this Article shall be deposited with the Treasurer to the credit of a special

fund hereby created and designated "Excavation Fund," to be used to defray the cost of inspection made necessary by reason of such excavation and repairs.

All costs of inspection shall be paid from said last named fund, on a warrant drawn by the Controller on demands approved by the Department of Public Works and returns of any deposit shall be made in like manner.

The cost of all repairs made to pavements by the Department of Public Works by reason of the failure of any person, firm, or corporation to make the same when required to do so under the provisions of this Article shall also be paid out of said fund and charged against the general or special deposit made by said person, firm or corporation.

SEC. 359. SUPERVISION OF WORK. All excavations, refilling of excavations and repairing of street surfaces, pursuant to the provisions of this Article, shall be made under the supervision and direction of the Department of Public Works. It shall be the duty of the said department to supervise and direct all such making and refilling of excavations and repairing of street surfaces.

SEC. 361. ABANDONMENT OF UNDERGROUND PIPES, ETC. — REPORT — MAPS. Whenever any pipe, conduit, duct, tunnel, or other structure located under the surface of any public street, alley or other public place, or the use thereof, is abandoned, the person, firm or corporation owning, using, controlling or having an interest therein, shall, within 30 days after such abandonment, file in the office of the City Engineer a statement in writing, giving in detail the location of the pipe, conduit, duct, tunnel or other structure so abandoned. Each map or set of maps filed pursuant to the provisions of this Article shall show in detail the location of all such pipes, conduits, ducts, tunnels or other structures abandoned subsequent to the filing of the last preceding map or set of maps.

It shall be unlawful for any person, firm or corporation to fail, refuse or neglect to file any map or set of maps at the time, and in all respects as required by this Article.

SEC. 362. DEPARTMENT MAY DELEGATE POWER TO ISSUE CERTIFICATES — REGISTER OF. The power to issue certificates for service connections may be delegated by the Department of Public Works to its secretary or other employee or assistant of such Department. A register shall be kept by said Department showing the date and location of each excavation for which a certificate has been granted.

SEC. 363. LAYING OF PIPES, ETC., WITHOUT PERMISSION, FORBIDDEN.

Individuals, corporations, agents or their employees, are strictly forbidden to lay main pipes, conduits, etc., in any excavation made by the city or its contractors, except by permission of the Department of Public Works.

SEC. 364. DEFINITION OF "SERVICE CONNECTION." For the purpose of interpreting the provisions of this Article, the term "service connection" as herein used shall be taken to mean a branch pipe or conduit between a main pipe or conduit and a building or buildings which are to be supplied with heat, light, power, water or telephone, telegraphic or signal service from said main pipe or conduit.

SEC. 365. CERTIFICATE TO BE EXHIBITED. Any person, firm or corporation engaged in the making or refilling of any excavation in any public street, alley or other public place shall at all times while such work is in progress, keep at the place where such excavation is located the original certificate (or the number thereof) for such excavation and must, on demand, exhibit the same to the Department of Public Works, or to any police officer.

SEC. 366. PROVISIONS APPLICABLE TO CERTAIN WORKS. None of the provisions of this Article shall apply to any work done or to be done along, in or upon any public street, alley or other public place pursuant to any law of the State of California, providing for the improvement thereof, or to any work done or to be done along, in or upon any such street, alley or other public place pursuant to any contract for improvement

authorized by the Board of Supervisors; provided, however, that the provisions contained in Sections 343 to 348, inclusive, of this Article shall apply to all such work and to all excavations to be made along, in or upon any public street, alley or other public place.

SEC. 367. PROVISIONS NOT APPLICABLE TO OFFICIAL WORK PERFORMED BY CITY EMPLOYEES. The provisions of this Article shall not apply to excavations made by any department, board or officer of the City and County of San Francisco in the discharge of its, his or her official duty when such work is performed directly by City employees. Nothing in this Section shall be construed to exonerate an independent contractor from legal liability for violations of the provisions of this Article when such contractor performing any work for a department, board or officer under a contract entered into in discharge of its, his or her official duty.

SEC. 368. EMERGENCY EXCAVATIONS — PROCEDURE. Nothing in this Article contained shall be construed to prevent any person, firm or corporation maintaining any pipe or conduit in any public street, alley or other public place, by virtue of any law, ordinance or permit, from making such excavation as may be necessary for the preservation of life or property when such necessity arises during such hours as the offices of the City are closed; provided, that the person, firm or corporation making such excavation shall apply for a permit therefor as herein required within four hours after the offices of the City are first opened subsequent to the making of such excavation. The fees for any such excavation shall be as provided for in Section 352 of this Article.

SEC. 369. CERTIFICATE SUBJECT TO LAWFUL USE OF STREET BY OTHERS. Every certificate for an excavation in or under the surface of any public street, alley or other public place shall be issued subject to the right of the City and County of San Francisco or of any other person, firm or corporation entitled thereto, to use that part of such street, alley or other public place for any purpose for which such street, alley or other public place may

lawfully be used.

SEC. 370. LIABILITY FOR DAMAGES — CITY AND CITY OFFICERS EXEMPTED. Neither the City and County nor officer or employee thereof shall be held responsible for any damage caused by any excavation in the street made by or for any person, firm or corporation but such person, firm or corporation shall be solely liable for any damage or loss occasioned by any act or neglect in respect to such excavation.

SEC. 371. PENALTY. In case any person or firm shall violate the requirements of this Article, order of the Director of Public Works, or permit condition, the Director of Public Works, or his designated representative shall issue a Warning of Violation of the offending party. Should the violation continue the sum of \$100 for each day of said violation shall be deducted from the deposit made as required by Section 338 of this Article.

In case any person or firm is found performing work without the permits required by this Public Works Code, the Director of Public Works or his designated representative shall order, in writing that such work be stopped and shall deduct the sum of \$1,000 from any deposit made as required by Section 338 of this Article.

Any person or firm refusing to stop work when ordered to do so by written notice of the Director of Public Works or his designated representative, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be punishable by a fine of not less than \$1,000 nor more than \$5,000 or by imprisonment in the County Jail for a period of not less than five days nor more than six months or by both such fine and imprisonment.

SEC. 372. SIDE-SEWER AND SUBSIDEWALK CONSTRUCTION NOT AFFECTED. This Article shall not be construed as affecting in any manner any ordinance regulating the construction of side sewers or for excavating or maintaining subsidewalk areas.

SEC. 373. USE OF LABOR-SAVING DEVICES AUTHORIZED. No construction contract or agreement to which the City and County of San Francisco is a party shall include

any terms or conditions which limit or restrict production or the use of machinery, tools, or other labor-saving devices, except as such limitation or restriction in specific cases shall be necessary to avoid public nuisance or protect public health, safety or facilities. It is declared to be the general policy of the City and County of San Francisco that there shall be no limitation or restriction on production or the use of machinery, tools, or other labor-saving devices; provided, that the contractor operating the same shall assume legal liability for damage to property of others, including utilities, resulting from the operation of such machinery, tools or other labor-saving devices. Where such limitation or restriction is necessary to avoid nuisance or protect public health, safety or facilities, the contract or agreement limiting or restricting such production or the use of machinery, tools, or other labor-saving devices shall specify the location, basis for, and conditions pertaining to such limitation or restriction. The terms hereof are intended to include, but are not restricted to, automatic rapid pavement breakers or other such types of equipment.

SEC. 374. MORATORIUM. No excavations shall be allowed in or beneath any public street, alley, or other public place for a period of three years from the completions of street resurfacing or reconstruction; provided, however, that the Director of Public Works may adopt rules and regulations to allow exceptions to this moratorium when such exceptions would benefit the public; and further provided that the inspection cost to be charged shall be as specified in Section 352.))

Section 3. Part II, Chapter 10 of the San Francisco Municipal Code (Public Works Code) is hereby amended by repealing Sections 672 and 673 of Article 14 (Underground Pipes, Wires and Conduits) as follows:

((SEC. 672. NOTICE OF INTENTION TO BE GIVEN TO PRIVILEGE HOLDERS.)
When the Director of Public Works shall deem it necessary to pave or repave any public

street he shall serve notice upon every person, firm or corporation having pipes or conduits within the City and County used for the purposes herein specified, of his intention to so pave or repave such street.

SEC. 673. NOTICE OF INTENTION — TIME — REGULATION FOR OPENING NEW PAVEMENT. Such person, firm or corporation, within 10 days thereafter may exercise the rights herein granted as to the roadway of such streets upon written notice given to said department of its intention to do so. The right to lay down new pipes or conduits in said street for such purpose shall continue for 30 days after the service of the notice aforesaid, but not longer unless the time shall be extended by a resolution of the Board of Supervisors. No street pavement laid after the passage of this Article shall be opened for a greater length than 100 yards for the purpose of laying pipes and conduits in the street for supplying gas or electricity for a period of one year after the construction of such pavement, except with the consent of the Board of Supervisors.))

Section 4. Part II, Chapter 10 of the San Francisco Municipal Code (Public Works Code) is hereby amended by adding Article 2.4 (Excavation in the Public Right-of-Way) to read as follows:

ARTICLE 2.4

EXCAVATION IN THE PUBLIC RIGHT-OF-WAY SUBARTICLE I - GENERAL PROVISIONS

- Sec. 2.4.1. Excavation in the Public Right-of-Way.
- Sec. 2.4.2. Permits Required to Excavate.
- Sec. 2.4.3. Department Orders and Regulations.
- Sec. 2.4.4. Definitions.

SUBARTICLE II - APPLICATIONS FOR PERMITS TO EXCAVATE

1	Sec. 2.4.10.	Applications.
2	Sec. 2.4.11.	Coordination of Excavation.
3	Sec. 2.4.12.	Joint Excavation.
4	SUE	BARTICLE III - PERMITS TO PERFORM AN EXCAVATION
5	Sec. 2.4.20.	Action on Applications for Permits to Excavate.
6	Sec. 2.4.20.1.	Terms and Limitations.
7	Sec. 2.4.20.2.	Duration and Validity.
8	Sec. 2.4.20.3.	Non-Transferability of Permits.
9	Sec. 2.4.21.	Moratorium Streets.
10	Sec. 2.4.22.	Emergency Excavation.
11	Sec. 2.4.23.	Liability and Indemnification.
12	Sec. 2.4.24.	Permit to Be Available at Excavation Site.
13		SUBARTICLE IV - DEPOSITS AND FEES
14	Sec. 2.4.40.	Deposit.
15	Sec. 2.4.41.	Administrative Fee.
16	Sec. 2.4.42.	Inspection Fee.
17	Sec. 2.4.43.	Additional Fees for Excavation.
18	Sec. 2.4.44.	Street Damage Restoration Fee.
19	Sec. 2.4.45.	Report to Board of Supervisors.
20	Sec. 2.4.46.	Collection and Return of Deposit and Fees.
21		SUBARTICLE V - EXCAVATIONS
22	Sec. 2.4.50.	Notices.
23	Sec. 2.4.51.	Notice for Marking of Subsurface Facilities.
24	Sec. 2.4.52.	Limits upon Excavation in the Public Right-of-Way.
25	Sec. 2.4.53.	Regulations Concerning Excavation Sites.

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1	Sec. 2.4.54.	Stop Work Order, Permit Modification, and Permit Revocation
2	Sec. 2.4.55.	Restoration of the Public Right-of-Way.
3	3	SUBARTICLE VI - POST-EXCAVATION REPAIR, MAINTENANCE,
4		AND PAVEMENT FAILURE
5	Sec. 2.4.70.	Repair and Maintenance Obligation of Permittee.
6	Sec. 2.4.71.	Subsurface or Pavement Failures.
7	Sec. 2.4.72.	Repair by the Department.
8		Sec. 2.4.73. Emergency Remediation by the Department.
9		SUBARTICLE VII - VIOLATION OF ARTICLE
10	Sec. 2.4.80.	Violation of Article.
11	Sec. 2.4.81.	Administrative Penalties and Costs.
12	Sec. 2.4.82.	Civil Penalties and Fees.
13	Sec. 2.4.83.	Criminal Fines.
14	Sec. 2.4.84.	Deposit of Penalties into Excavation Fund.
15	Sec. 2.4.85.	Suspension of Action on Applications.
16		SUBARTICLE VIII - MISCELLANEOUS
17	Sec. 2.4.90.	Abandonment of Underground Facilities, Reports, and Maps.
18	Sec. 2.4.91.	Identification of Visible Facilities.
19	Sec. 2.4.92.	City's Obligation.
20	Sec. 2.4.93.	Time Limit on Commencement of Actions.
21	Sec. 2.4.94.	Severability.
22		
23		
24		SUBARTICLE I - GENERAL PROVISIONS
25		

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1	or regulations. The Director shall develop guidelines to implement the granting of waivers
2	authorized pursuant to this Article. Furthermore, Excavation in the Public Right-of-Way shall
3	conform to the orders, regulations, and rules of the Department of Parking and Traffic,
4	including, but not limited to, the regulations adopted in accordance with Article 11 of the San
5	Francisco Traffic Code (the "Blue Book").
6	SEC. 2.4.4. DEFINITIONS. For purposes of this Article, the following terms shall have
7	the following meanings:
8	(a) "Applicant" shall mean any Owner or duly authorized agent of such Owner, who
9	has submitted an application for a Permit to Excavate.
10	(b) "Article" shall mean this Article 2.4 of the Public Works Code.
11	(c) "Block" shall mean that part of the Public Right-of-Way that includes the street area
12	from the property line to the parallel property line in width and extending from the property line
13	of an intersecting street to the nearest property line of the next intersecting street in length.
14	For purposes of this definition, an intersection also shall be considered a "Block".
15	(d) "City" shall mean the City and County of San Francisco.
16	(e) "Department" shall mean the Department of Public Works.
17	(f) "Deposit" shall mean any bond, cash deposit, or other security provided by the
18	Applicant in accordance with Section 2.4.40 of this Article.
19	(g) "Director" shall mean the Director of the Department of Public Works or his or her
20	designee.
21	(h) "Excavation" shall mean any work in the surface or subsurface of the Public Right-
22	of-Way, including, but not limited to opening the Public Right-of-Way; installing, servicing,
23	repairing or modifying any Facility(ies) in or under the surface or subsurface of the Public
24	Right-of-Way, and restoring the surface and subsurface of the Public Right-of-Way.

(i) "Facility" or "Facilities" shall include, but not be limited to, any and all cables,
cabinets, ducts, conduits, converters, equipment, drains, handholds, manholes, pipes,
pipelines, splice boxes, surface location markers, tracks, tunnels, utilities, vaults, and other
appurtenances or tangible things owned, leased, operated, or licensed by an Owner or
Person, that are located or are proposed to be located in the Public Right-of-Way.
(j) "Major Work" shall mean any reasonably foreseeable Excavation that will affect the
Public Right-of-Way for more than fifteen (15) consecutive calendar days.
(k) "Moratorium Street" shall mean any Block that has been reconstructed, repaved, or
resurfaced by the Department or any other Owner or Person in the preceding five (5) year
period.
(I) "Municipal Excavator" shall mean any agency, board, commission, department, or
subdivision of the City that owns, installs, or maintains a Facility or Facilities in the Public
Right-of-Way.
(m) "Owner" shall mean any Person, including the City, who owns any Facility or
Facilities that are or are proposed to be installed or maintained in the Public Right-of-Way.
(n) "Permit" or "Permit to Excavate" shall mean a Permit to perform an Excavation as it
has been approved, amended, or renewed by the Department.
(o) "Permittee" shall mean the Applicant to whom a Permit to Excavate has been
granted by the Department in accordance with this Article.
(p) "Person" shall mean any natural person, corporation, partnership, any Municipal
Excavator, or any governmental agency, including the State of California or United States of
America.
(q) "Public Right-of-Way" shall mean the area across, along, beneath, in, on, over,
under, upon, and within the dedicated public alleys, boulevards, courts, lanes, roads,

1	Sidewalks, spaces, streets, and ways within the City, as they now exist or hereafter will exist
2	and which are or will be under the permitting jurisdiction of the Department of Public Works.
3	(r) "Sidewalk" shall mean the area between the fronting property line and the back of
4	the nearest curb.
5	(s) "Utility Excavator" shall mean any Owner whose Facility or Facilities in the Public
6	Right-of-Way are used to provide electricity, gas, information services, sewer service, steam,
7	telecommunications, traffic controls, transit service, video, water, or other services to
8	customers regardless of whether such Owner is deemed a public utility by the California
9	Public Utilities Commission.
10	SUBARTICLE II - APPLICATIONS FOR PERMITS TO PERFORM AN EXCAVATION
11	SEC. 2.4.10. APPLICATIONS. (a) Applications shall be submitted in format and
12	manner specified by the Department and shall contain:
13	(i) The name, address, telephone, and facsimile number of the Applicant.
14	Where an Applicant is not the Owner of the Facility to be installed, maintained, or repaired in
15	the Public Right-of-Way, the application also shall include the name, address, telephone, and
16	facsimile number of the Owner.
17	(ii) A description of the location, purpose, method of Excavation, and surface
18	and subsurface area of the proposed Excavation.
19	(iii) A plan showing the proposed location and dimensions of the Excavation
20	and the Facilities to be installed, maintained, or repaired in connection with the Excavation,
21	and such other details as the Department may require.
22	(iv) A copy or other documentation of the franchise, easement, encroachment
23	permit, license, or other legal instrument that authorizes the Applicant or Owner to use or
24	occupy the Public Right-of-Way for the purpose described in the application. Where the
25	Applicant is not the Owner of the Facility or Facilities to be installed, maintained, or repaired,

1	the Applicant must demonstrate in a form and manner specified by the Department that the
2	Applicant is authorized to act on behalf of the Owner.
3	(v) The proposed start date of Excavation.
4	(vi) The proposed duration of the Excavation, which shall include the duration
5	of the restoration of the Public Right-of-Way physically disturbed by the Excavation.
6	(vii) Written acknowledgment that all material to be used in the Excavation,
7	installation, maintenance, or repair of Facilities, and restoration of the Public Right-of-Way will
8	be on hand and ready for use so as not to delay the Excavation and the prompt restoration of
9	the Public-Right-Way.
10	(viii) Written acknowledgment that the Applicant and Owner are in compliance
11	with all terms and conditions of this Article, the orders, regulations, and Standard Plans and
12	Specifications of the Department, and that the Applicant and Owner are not subject to any
13	outstanding assessments, fees, penalties that have been finally determined by the City or a
14	court of competent jurisdiction.
15	(ix) A current Business Tax Registration Certificate issued by the San Francisco
16	Tax Collector pursuant to Section 1003 of Part III of the San Francisco Municipal Code for the
17	Applicant and the Owner.
18	(x) Evidence of insurance as required by Section 2.4.23 of this Article.
19	(xi) A Deposit as required by Section 2.4.40 of this Article.
20	(xii) Any other information that may reasonably be required by the Department.
21	(b) The Department may allow an Applicant to maintain documents complying with
22	Subsections (iv), (ix), (x), and (xi) on file with the Department rather than requiring submission
23	of such documents with each separate application.
24	SEC. 2.4.11. COORDINATION OF EXCAVATION. (a) Five-year plans.
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(i) On the first day of April and October, or the first regular business day
immediately thereafter, each Utility and Municipal Excavator shall prepare and submit to the
Department a plan, in a format specified by the Department, that shows all Major Work
anticipated to be done in the Public Right-of-Way in the next five (5) years. Any Utility or
Municipal Excavator that does not propose Major Work in the next five (5) years shall submit
a plan with a statement that no such Major Work is anticipated and shall immediately report
any Major Work to the Department as soon as it becomes reasonably foreseeable.
(ii) The Department may disclose information contained in a five year plan to
any Utility Excavator or Municipal Excavator only on a need-to-know basis in order to facilitate
coordination among excavators and to avoid unnecessary Excavation in City streets. To the
maximum extent permissible under federal, state, and local laws applicable to public records,
the City shall not otherwise disclose to the public any information contained in a five-year plan
submitted by a Utility Excavator that is proprietary, trade secret or is otherwise protected from
disclosure; provided, however that the City shall have no duty to decline to disclose any
information that the Utility Excavator has not identified on its face as proprietary, trade secret
or otherwise protected from disclosure. The Department shall notify a Utility Excavator of any
request for inspection of public records that calls for disclosure of any five-year plan on which
any information has been identified as proprietary, trade secret or otherwise protected from
disclosure. The Department shall consult with the City Attorney regarding any such request
and shall inform the affected Utility Excavator either that the Department will refuse to
disclose the protected information or, if there is no proper basis for such refusal, that the
Department intends to disclose the requested information unless ordered otherwise by a
court.
(b) Department repaving plans . (i) The Department shall prepare a five-year
repaying plan showing all proposed repaying and reconstruction of the Public Right-of-Way.

1	The Department's repaving plan shall be revised and updated on a semi-annual basis after
2	receipt of the five-year plans from Utility and Municipal Excavators. In order to facilitate
3	coordination and minimize the cost of Excavation, the Department shall make its repaving
4	plan available for public inspection.
5	(ii) At least one hundred twenty (120) calendar days prior to undertaking the
6	repaving and reconstruction of any Block, the Department shall send a notice of the proposed
7	repaving and reconstruction to each Utility and Municipal Excavator.
8	(c) Coordination. (i) The Department shall review the five year plans and identify
9	conflicts and opportunities for coordination of Excavations. The Department shall notify
10	affected Owners and Permittees of such conflicts and opportunities to the extent necessary to
11	maximize coordination of Excavation. Each Applicant shall coordinate, to the extent
12	practicable, with each potentially affected Owner and Permittee to minimize disruption in the
13	Public Right-of-Way.
14	(ii) When two (2) or more Applicants coordinate Major Work in the same Block
15	so that, in the opinion of the Department, such Major Work minimizes disruption to the
16	affected neighborhood, and is likely to qualify the Block for repaving, the Department shall
17	make its best effort to schedule the affected Block for repaving. Such scheduling shall occur,
18	to the extent funds are available in the Street Damage Restoration Fund, so that the
19	Applicants may qualify for a waiver of the Street Damage Restoration Fee under Section
20	2.4.44(b)(ii). Notwithstanding the foregoing, nothing in this Subsection shall interfere with the
21	Department's authority to allocate available repaving resources in a manner that it determines
22	best serves the public interest.
23	SEC. 2.4.12. JOINT EXCAVATION. (a) Municipal Excavators. Whenever two (2) or
24	more Municipal Excavators propose Major Work in the same Block within a five (5) year
25	period, such Work shall be performed by one (1) Municipal Excavator. The participants to the

1	Excavation shall pay their pro rata share of the Work. For purposes of this Subsection, the
2	Municipal Excavators shall be treated as a single Applicant and shall submit one (1)
3	application.
4	(b) Utility Excavators. Whenever two (2) or more Utility Excavators propose Major
5	Work in the same Block within a five (5) year period, such Work shall be performed by one (1)
6	Utility Excavator. For purposes of this Subsection, the Utility Excavators shall be treated as a
7	single Applicant and shall submit one (1) application.
8	(c) Municipal Excavator and Utility Excavator. Whenever a Municipal Excavator(s)
9	and a Utility Excavator(s) propose Major Work in the same Block within a five (5) year period,
10	the Department shall condition Permits for such Work in a manner that maximizes
11	coordination and minimizes the total period of construction.
12	(d) Waiver of joint Excavation requirements. Applicants may seek a waiver of the
13	joint Excavation requirements with respect to a particular Excavation. Within thirty (30)
14	calendar days of receipt of a written request for a waiver, the Director, in his or her discretion,
15	may grant a waiver to the joint Excavation requirements for good cause. In making his or her
16	decision on the request for waiver, the Director shall consider the impact of the proposed
17	Excavation on the neighborhood, the Applicant's need to provide services to a property or
18	area, facilitating the deployment of new technology as directed pursuant to official City policy,
19	and the public health, safety, welfare, and convenience. The Director shall indicate in written,
20	electronic, or facsimile communication the basis for granting any waiver pursuant to this
21	Subsection. The Director may place additional conditions on any Permit(s) subject to a
22	waiver, including, but not limited to, the charging of additional fees pursuant to Section 2.4.43.
23	The Director's decision regarding waivers of the joint Excavation requirements shall be final.
24	SUBARTICLE III - PERMITS TO EXCAVATE
25	SEC. 2.4.20. ACTION ON APPLICATIONS FOR PERMITS TO EXCAVATE.

1	(a) After receipt of an application for a Permit to Excavate, the Department, within a
2	reasonable time period, shall determine whether an application is complete.
3	(b) If the application is deemed to be incomplete, the Department promptly shall
4	advise the Applicant in a written, electronic, or facsimile communication of the reasons for
5	rejecting the application as incomplete.
6	(c) If the application is deemed to be complete, the Department, in its discretion, may
7	deny, approve, or conditionally approve the application.
8	(i) If the application is approved or conditionally approved, the Department shall
9	issue a permit to the Applicant. The Department may condition a Permit with specified
10	requirements that preserve and maintain the public health, safety, welfare, and convenience.
11	The Department shall inform the Permittee of the basis for such requirements.
12	(ii) If the application is denied, the Department shall advise the Applicant in a
13	written, electronic, or facsimile communication of the basis for denial.
14	SEC. 2.4.20.1. TERMS AND LIMITATIONS. The Permit shall specify the location.
15	extent, and method of the Excavation, the start date and duration of the Excavation, the
16	Permittee to whom the Permit is issued, and any conditions placed on the Permit.
17	SEC. 2.4.20.2. DURATION AND VALIDITY. Permits shall be void if the Excavation
18	has not begun within thirty (30) calendar days of the start date specified in the Permit, if the
19	Excavation is not prosecuted diligently to its conclusion, or if the Excavation, including
20	restoration, has not been completed within the specified duration; provided, however, that the
21	Director, in his or her discretion, may issue extensions to the start date, the duration of
22	Excavation, or both upon written request from the Permittee.
23	SEC. 2.4.20.3. NON-TRANSFERABILITY OF PERMITS. Permits are not transferable
24	from Owner to Owner.

SEC. 2.4.21. MORATORIUM STREETS. The Department shall not issue any Permit to Excavate in any Moratorium Street; provided, however, that the Director, in his or her discretion, may grant a waiver for good cause. The Director is specifically authorized to grant a waiver for an Excavation that facilitates the deployment of new technology as directed pursuant to official City policy. The Director shall issue his decision on a waiver within a reasonable period after receipt of a written request for a waiver. The Director may place additional conditions on a Permit subject to a waiver, including, but not limited to, the charging of additional fees pursuant to Section 2.4.43. The Director's decision regarding a waiver shall be final.

SEC. 2.4.22. EMERGENCY EXCAVATION. Nothing contained in this Article shall be construed to prevent any Person from taking any action necessary for the preservation of life or property or for the restoration of interrupted service provided by a Municipal or Utility Excavator when such necessity arises during days or times when the Department is closed. In the event that any Person takes any action to Excavate or cause to be Excavated the Public Right-of-Way pursuant to this Section, such Person shall apply for an emergency Permit within four hours after the Department's offices are first opened. The Applicant for an emergency Permit shall submit a written statement of the basis of the emergency action and describe the Excavation performed and any work remaining to be performed.

SEC. 2.4.23. LIABILITY AND INDEMNIFICATION. Each Permit, except one obtained by a Municipal Excavator, shall incorporate by reference and require the Permittee and Owner to comply with the liability, indemnity, insurance, and taxable possessory interest provisions set forth below in this Section; provided, however, that the Director, with the concurrence of the City Controller and City Risk Manager, may modify the indemnity and insurance provisions as they pertain to a particular Permit.

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the faithful performance of the obligations of the Owner and Applicant under any Permit(s) to
Excavate and the compliance with all terms and conditions of this Article (the "Deposit"). The
Deposit shall be in the sum of twenty-five thousand dollars (\$25,000.00) in favor of the
"Department of Public Works, City and County of San Francisco." Utility and Municipal
Excavators and other frequent Applicants may submit a single Deposit for multiple
Excavations so long as a constant balance of twenty-five thousand dollars (\$25,000.00) is
maintained on file with the Department. If the Director has deducted from such a Deposit
pursuant to Section 2.4.46(c), the Utility or Municipal Excavator or other frequent Applicant
must restore the full amount of the Deposit prior to the Department's issuance of a
subsequent Permit.
SEC. 2.4.41. ADMINISTRATIVE FEE. Each Applicant shall pay to the Department a
fee of twenty-five dollars (\$25.00) for each Block in which Excavation is proposed to
compensate the Department for the cost incurred to administer the provisions of this Article.
SEC. 2.4.42. INSPECTION FEE. Each Applicant shall pay to the Department a fee of
eighty cents (\$0.80) per square foot of pavement to be Excavated for the cost of the
inspection and regulatory services provided to such Applicant when he or she becomes a
Permittee pursuant to this Article. No inspection fees shall be collected from a Municipal
Excavator when: (a) the Municipal Excavator pays the Department to manage and inspect the
construction or (b) the Excavation is to construct, replace, or repair Municipal Railway tracks.
SEC. 2.4.43. ADDITIONAL FEES FOR EXCAVATION. In instances where
administration of this Article or inspection of an Excavation is or will be unusually costly to the
Department, the Director, in his or her discretion, may require an Applicant or Permittee to
pay any additional sum in excess of the amounts charged pursuant to Sections 2.4.41 and
2.4.42. This additional sum shall be sufficient to recover actual costs incurred by the
Department and shall be charged on a time and materials basis. The Director also may

1	charge for any time and materials costs incurred by other agencies, boards, commissions, or
2	departments of the City in connection with the administration or inspection of the Excavation.
3	Whenever additional fees are charged, the Director, upon request of the Applicant or
4	Permittee, shall provide in writing the basis for the additional fees and an estimate of the
5	additional fees.
6	SEC. 2.4.44. STREET DAMAGE RESTORATION FEE. (a) Calculation of fee.
7	Each Applicant shall pay to the Department a Street Damage Restoration Fee to recover the
8	increased repaving and reconstruction costs incurred by the City that are reasonably
9	attributable to the impact of Excavation in City streets. The Fee shall not generate proceeds
10	in excess of the City's costs of street repaving and reconstruction reasonably attributable to
11	the Excavation for which the Fee is charged. The amount of the Fee shall be calculated as
12	follows:
13	Age of Block (Years Since Last Resurfacing) Fee Amount
14	0-5 years \$3.50 per square foot of Excavation
15	6-10 years \$3.00 per square foot of Excavation
16	11-15 years \$2.00 per square foot of Excavation
17	15-20 years \$1.00 per square foot of Excavation
18	Where an Applicant proposes an Excavation in a Block whose age is unknown to the
19	Department and the Block's pavement condition score recorded in the Department's
20	Pavement Management and Mapping database is greater than 53, the Applicant shall be
21	charged the Street Damage Restoration Fee at the rate specified for streets 15-20 years old.
22	(b) Exceptions from the Street Damage Restoration Fee to encourage
23	coordination. To encourage coordination of Excavation with the Department's repaving
24	schedule and to encourage Excavation in older Blocks and those with lower pavement
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1	condition scores: (i) No Fee will be assessed for Excavation in Blocks with a recorded
2	pavement condition score of 53 or less, or a recorded age of greater than 20 years.
3	(ii) No Fee will be assessed for Excavation in a Block scheduled to be
4	completed by an Applicant less than two (2) years prior to the Department's scheduled
5	repaving of that Block.
6	(c) Fee waived for Excavation that includes repaving. The Street Damage
.0/26/98 rt 7	Restoration Fee may be waived for an Excavation where an Applicant proposes to
8	reconstruct and repave the entire Block affected by the Excavation or any and all traffic lanes
.0/26/98 rt 9	affected by the Excavation. Such reconstruction and repaving shall be performed consistent
10	with all of the standards set forth in orders, rules, plans and specifications of the Department.
11	(d) Fee waiver for in kind payment of fee - installation of conduit. With the
12	approval of the Director of the Department of Public Works and the Director of the
13	Department of Telecommunications and Information Services, where it would minimize
14	neighborhood disruption, and where savings in street resurfacing costs through avoidance of
15	future Excavation are anticipated to exceed amounts that would otherwise be due from the
16	Street Damage Restoration Fee, some portion or all of the otherwise applicable Street
17	Damage Restoration Fee may be waived for an Excavation in which the Applicant installs: (i)
18	conduit for City use or control or (ii) conduit made available via approval and coordination with
19	the Department and Department of Telecommunications and Information Services to other
20	subsequent Applicants or excavators such that future Excavation is permanently avoided.
21	The City shall make any available space in such conduit available to subsequent Applicants
22	to avoid future Excavation in the Block. The Departments of Public Works and
23	Telecommunications and Information Services shall adopt orders or regulations prescribing
24	circumstances under which in-kind payment of all or some portion of the fee shall be
25	permitted, prescribing specifications for the conduit to be installed, and prescribing terms

1	Supervisors that modifies the Fee to more accurately recover the costs for street repaving
2	and reconstruction reasonably attributable to Excavation.
3	SEC. 2.4.46. COLLECTION, RETURN, AND REFUND OF DEPOSIT AND FEES.
4	(a) Collection of Deposit and fees. The Director shall establish procedures for
5	billing, collection, and refund of a Deposit(s), fees, and other charges provided for in this
6	Article. The Director shall deposit all funds in accordance with Sections 10.117-119 and
7	10.117-120 of the San Francisco Administrative Code.
8	(b) Refunds. (i) When an application is either withdrawn by the Applicant or denied
9	by the Department before the start of construction, the Applicant's administrative fee
10	assessed under Section 2.4.41 shall be retained and those fees assessed under Sections
11	2.4.42, 2.4.43, and 2.4.44 shall be returned to the Applicant.
12	(ii) In the event that the Director determines, after preparing a report pursuant
13	to Section 2.4.45, that there has been an overcollection of the Street Damage Restoration
14	Fee assessed under Section 2.4.44, the Director shall establish procedures to refund excess
15	Fee proceeds in a manner which fairly and reasonably reimburses those Excavators who paid
16	the Fee during the relevant period consistent with their level of Excavation.
17	(c) Deductions from Deposit . The Director may make deductions from the balance
18	of a Permittee's Deposit(s) to ensure the faithful performance of the obligations under a
19	Permit to Excavate, to pay fees, to offset the costs for any Excavation done or repairs made
20	by the Department, or to pay any assessed penalties or costs associated with violations of
21	this Article.
22	(d) Retention of Deposit for three (3) years. Each Deposit made pursuant to
23	Section 2.4.40 shall be retained by the City for a period of three (3) years after the
24	satisfactory completion of the Excavation to secure the obligations in the Permit and this
25	Article.

1	(ii) The Permittee shall post and maintain notice at the site of the Excavation at
2	least ten (10) calendar days prior to commencement of the Excavation in the same manner
3	and with the same information as required for posted notice pursuant to Subsection (a). At
4	least ten (10) calendar days prior to commencement of the Excavation, the Permittee also
5	shall deliver a written notice to each dwelling unit on the Block(s) affected by the Excavation.
6	This written notice shall include the same information that is required for the written notice
7	pursuant to this Subsection (i).
8	(iii) Before commencement of construction, a Permittee for Major Work shall
9	post and maintain Excavation project signs at the site of the Excavation that describe the
10	Excavation being done and bear the name, address, and 24-hour telephone number of a
11	contact person for the Owner and Permittee. Said Excavation project signs shall be in format,
12	quantity, and size specified by the Department.
13	(c) Notice for emergency Excavation. For emergency Excavation, the Permittee, or
14	the Applicant if a Permit has not been issued, shall post and maintain notice at the site of the
15	Excavation during the construction period. The notice shall include the name, telephone
16	number, and address of the Owner and Permittee, a description of the Excavation to be
17	performed, and the duration of the Excavation. The notice shall be posted at least every 100'
18	along any Block where the Excavation is to take place.
19	SEC. 2.4.51. NOTICE FOR MARKING OF SUBSURFACE FACILITIES. In
20	accordance with State law, any Person excavating in the Public Right-of-Way shall comply
21	with the requirements of the Underground Service Alert ("USA") regarding notification of
22	Excavation and marking of subsurface Facilities. Such Person shall provide USA with the
23	assigned number for the Permit to Excavate or other information as may be necessary to
24	properly identify the proposed Excavation.
25	SEC. 2.4.52. LIMITS UPON EXCAVATION IN THE PUBLIC RIGHT-OF-WAY.

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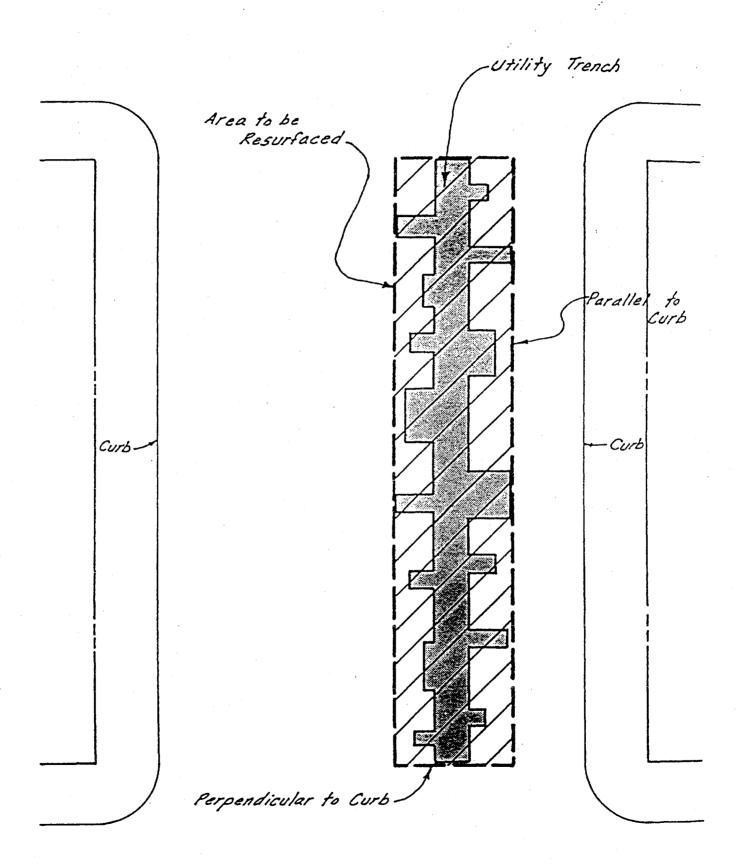
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(d) Hazardous material. Each Permittee shall be subject to hazardous material
guidelines for data collection; disposal, handling, release, and treatment of hazardous
material; site remediation; and worker safety and training. The Department, in consultation
with the Department of Public Health, shall develop, prescribe, and update such hazardous
material guidelines. The guidelines shall require the Permittee to comply with all federal,
state, and local laws regarding hazardous material. For purposes of this Subsection,
hazardous material shall mean any gas, material, substance, or waste which, because of its
quantity, concentration, or physical or chemical characteristics, is deemed by any federal.
state, or local governmental authority to pose a present or potential hazard to human health
or safety or to the environment.

SEC. 2.4.54. STOP WORK ORDER, PERMIT MODIFICATION, AND PERMIT

REVOCATION. When the Director has determined that a Person has violated this Article or that an Excavation poses a hazardous situation or constitutes a public nuisance, public emergency, or other threat to the public health, safety, or welfare, or when the Director determines that there is a paramount public purpose, the Director is authorized to issue a stop work order, to impose new conditions upon a Permit, or to suspend or revoke a Permit by notifying the Permittee of such action in a written, electronic, or facsimile communication.

SEC. 2.4.55. RESTORATION OF THE PUBLIC RIGHT-OF-WAY. (a) Restoration. In any case in which the Sidewalk, street, or other Public Right-of-Way is or is caused to be Excavated, the Owner and Permittee shall restore or cause to be restored such Excavation in the manner prescribed by the orders, regulations, and Standard Plans and Specifications of the Department. At a minimum, trench restoration shall include resurfacing to a constant width equal to the widest part of the Excavation in accordance with the following diagram; provided, however, that the width of resurfacing need not exceed thirteen (13) feet:



1	Director's determination as to the cost of any work done or repairs made shall be final. In
2	addition, the Owner or Person may be subject to those enforcement actions set forth in
3	Subarticle VII.
4	(e) Subject to the limitation set forth in Section 2.4.70, completion of an Excavation or
5	restoration by the Department in accordance with Subsection (d) shall not relieve the Owner
6	or Permittee from liability for future pavement failures at the Excavation site.
7	SUBARTICLE VI - POST-EXCAVATION REPAIR, MAINTENANCE, AND PAVEMENT
8	<u>FAILURE</u>
9	SEC. 2.4.70. REPAIR AND MAINTENANCE OBLIGATION OF PERMITTEE. Each
10	Owner and Permittee that excavates or causes to be made an Excavation in the Public Right-
11	of-Way shall be responsible to maintain, repair, or reconstruct the site of the Excavation so as
12	to maintain a condition acceptable to the Director until such time as the Public Right-of-Way is
13	reconstructed, repayed, or resurfaced by the Department.
14	SEC. 2.4.71. SUBSURFACE OR PAVEMENT FAILURES. In the event that
15	subsurface material or pavement over or immediately adjacent to any Excavation should
16	become depressed, broken, or fail in any way at any time after the Excavation has been
17	completed, the Director shall exercise his or her best judgment to determine the Person(s)
18	responsible, if any, for the failure in the subsurface or surface of the Public Right-of-Way and
19	shall designate such Person as the responsible party. The Director shall notify said Person(s)
20	of the condition, its location, and the required remedy, and such Person(s) shall repair or
21	restore, or cause to be repaired or restored, such condition to the satisfaction of the Director
22	within seventy-two (72) hours of the notification. The Director may extend the time for the
23	responsible party to repair or restore the affected Public Right-of-Way.
24	SEC. 2.4.72. REPAIR BY THE DEPARTMENT. (a) In the event that any Person(s)
25	fails, neglects, or refuses to repair or restore any condition pursuant to the Director's notice as

1	repair, restoration, or any other actual costs incurred by the Department or other agencies,
2	boards, commissions, or departments of the City that were made necessary by reason of the
3	emergency remediation undertaken by the Department. The cost of such work also may be
4	deducted from the Permittee's Deposit pursuant to Section 2.4.46(c). The Director's
5	determination as to the cost of any remediation performed shall be final. In addition, the
6	responsible party may be subject to those enforcement actions set forth in Subarticle VII.
7	(c) Subject to the limitation set forth in Section 2.4.70, remediation by the Department
8	in accordance with this Section shall not relieve the Person(s) from liability for future
9	pavement failures at the site of the remediation.
10	SUBARTICLE VII - VIOLATION OF ARTICLE
11	SEC. 2.4.80. VIOLATION OF ARTICLE. (a) The Director shall have authority to
12	enforce this Article against violations thereof. Upon the Director's determination that a
13	Person has violated any provision of this Article, the Standard Plans and Specifications,
14	notices, orders, or regulations of the Department; any term, condition, or limitation of any
15	Permit; or is subject to any outstanding fees, Deposits, or other charges, the Director shall
16	serve notice on said Person to abate the violation. Any Person whom the Director determines
17	to be responsible for violating this Article may be subject to any or all of the enforcement
18	mechanisms specified in Sections 2.4.81, 82, and 83.
19	(b) Violations by Municipal Excavators are not subject to the penalties and fines
20	specified in Sections 2.4.81, 82, and 83. The Director is empowered to abate violations by
21	Municipal Excavators and may charge the cost of such abatement to the Deposit or budget of
22	the Municipal Excavator, take other appropriate action against such Excavator within the
23	Director's authority, or both.
24	SEC. 2.4.81. ADMINISTRATIVE PENALTIES AND COSTS.

1	(viii) Excavation that exceeds the scope of the Permit, including, but not limited
2	to, obstructing the path of automobile or pedestrian travel in excess of the permitted area.
3	(e) The nonpayment of fines or citations imposed pursuant to this Section, or the
4	continued existence of a condition in violation of this Section, shall be grounds for the Director
5	to deny a Permit to the responsible Person until such fines or citations have been paid and
6	the condition corrected.
7	SEC. 2.4.84. DEPOSIT OF PENALTIES INTO EXCAVATION FUND. Any penalty
8	assessed and recovered in an action brought pursuant to Sections 2.4.81 or 82 shall be
9	deposited in the Excavation Fund, as provided in Section 10.117-120 of the San Francisco
0	Administrative Code.
1	SEC. 2.4.85. SUSPENSION OF ACTION ON APPLICATIONS. A Person who is in
2	willful noncompliance with this Article shall not apply for nor be issued a subsequent Permit to
3	Excavate in the Public Right-of-Way unless the Director, by written authorization, grants a
4	waiver to this prohibition.
5	SUBARTICLE VIII - MISCELLANEOUS PROVISIONS
6	SEC. 2.4.90. ABANDONMENT OF UNDERGROUND FACILITIES, REPORTS, AND
7	MAPS. (a) Whenever any Facility(ies) is abandoned in the Public Right-of-Way, the Person
	owning, using, controlling or having an interest therein, shall, within thirty (30) calendar days
8	
19	after such abandonment, file in the office of the Director a statement in writing, giving in detail
20	the location of the Facility(ies) so abandoned. Each map, set of maps, or plans filed pursuant
21	to the provisions of this Article, including those maps or plans required by Section 2.4.11 shall
22	show in detail the location of each such Facility(ies) abandoned subsequent to the filing of the
23	last preceding map, set of maps, or plans.
24	(b) It shall be unlawful for any Person to fail, refuse, or neglect to file any map or set of
25	maps at the time, and in all respects as required by this Section.

25

23

(a) The Director is authorized to establish the Street Construction Coordination

Center, which shall be responsible for planning and coordinating Excavation in the Public Right-of-Way.

following uncodified language:

(c) Interest; Accrual of Monies in Fund. Interest earned on monies in the
Fund shall become part of the principal thereof and shall not be expended for any purpose
other than those set forth in subsection (b). The balance remaining in the Fund at the close
of any fiscal year shall be deemed to have been provided for a specific purpose within the
meaning of Section 9.113 of the Charter and shall be carried forward and accumulated in the
fund for the purposes set forth in subsection (b).

APPROVED AS TO FORM:

LOUISE H. RENNE, City Attorney

By:

/orn D. Malamut
Deputy City Attorney



City and County of San Francisco Tails

Veterans Building 401 Van Ness Avenue, Room 308 San Francisco. CA 94102-4532

Ordinance

File Number:

981038

Date Passed:

Ordinance amending Public Works Code by repealing Article 8 (Excavations in Streets), repealing Sections 672 and 673 of Article 14 (Underground Pipes, Wires and Conduits), and adding Article 2.4 (Excavation in the Public Right-of-Way), including Section 2.4.44 to impose a new street damage restoration fee; authorizing establishment of the Street Construction Coordination Center and requesting other official actions in connection therewith; making findings for these amendments; and amending Article XIII of Chapter 10 of the Administrative Code by adding Section 10.117-119 to create a fund for collection of street damage restoration fees and adding Section 10.117-120 to reestablish the excavation fund for the collection of other deposits, fees, and penalties imposed by Article 2.4.

October 26, 1998 Board of Supervisors — AMENDED

Ayes: 11 - Ammiano, Bierman, Brown, Katz, Kaufman, Leno, Medina, Newsom, Teng, Yaki, Yee

October 26, 1998 Board of Supervisors — PASSED ON FIRST READING AS AMENDED

Ayes: 11 - Ammiano, Bierman, Brown, Katz, Kaufman, Leno, Medina, Newsom, Teng, Yaki, Yee

November 2, 1998 Board of Supervisors — FINALLY PASSED

Ayes: 11 - Ammiano, Bierman, Brown, Katz, Kaufman, Leno, Medina, Newsom, Teng, Yaki, Yee

File No. 981038

I hereby certify that the foregoing Ordinance was FINALLY PASSED on November 2, 1998 by the Board of Supervisors of the City and County of San Francisco.

NOV 1 3 1998

NOV 1 3 1997

Date Approved

Gloria L. Young

Clerk of the Board

Mayor Willie L. Brown Jr.