

File No. 190793

Committee Item No. 2

Board Item No. 2

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee: Land Use and Transportation Committee Date September 30, 2019

Board of Supervisors Meeting

Date OCTOBER 22, 2019

Cmte Board

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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Legislative Digest |
| <input type="checkbox"/> | <input type="checkbox"/> | Budget and Legislative Analyst Report |
| <input type="checkbox"/> | <input type="checkbox"/> | Youth Commission Report |
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| <input type="checkbox"/> | <input type="checkbox"/> | Form 126 – Ethics Commission |
| <input type="checkbox"/> | <input type="checkbox"/> | Award Letter |
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OTHER

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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Referral CEQA 072419 |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | CEQA Determination 072419 |
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Completed by: Erica Major Date September 26, 2019

Completed by: Erica Major Date 10/2/2019

1 [Environment, Police Codes - Electric Vehicle Charging in Commercial Parking]

2
3 **Ordinance amending the Environment Code to require commercial parking lots and**
4 **garages with more than 100 parking spaces to install electric vehicle charging**
5 **equipment; amending the Police Code to add compliance with the new requirement as**
6 **a condition of existing as well as future permits for commercial parking lots and**
7 **garages; and affirming the Planning Department's determination under the California**
8 **Environmental Quality Act.**

9 NOTE: **Unchanged Code text and uncodified text** are in plain Arial font.
10 **Additions to Codes** are in *single-underline italics Times New Roman font*.
11 **Deletions to Codes** are in *strikethrough italics Times New Roman font*.
12 **Board amendment additions** are in double-underlined Arial font.
13 **Board amendment deletions** are in ~~strikethrough Arial font~~.
14 **Asterisks (* * * *)** indicate the omission of unchanged Code
15 subsections or parts of tables.

16 Be it ordained by the People of the City and County of San Francisco:

17 Section 1. CEQA Findings.

18 The Planning Department has determined that the actions contemplated in this
19 ordinance comply with the California Environmental Quality Act (California Public Resources
20 Code Sections 21000 et seq.). Said determination is on file with the Clerk of the Board of
21 Supervisors in File No. 190793 and is incorporated herein by reference. The Board affirms
22 this determination.

23 Section 2. Findings.

24 (a) As reported in the 2017 San Francisco Greenhouse Gas Emissions Inventory,
25 completed by the San Francisco Department of the Environment and published in April 2019,

1 greenhouse gas emissions in San Francisco in 2017 were 36% below 1990 levels, well ahead
2 of the statewide goal set in Assembly Bill 32 (2006) of achieving 1990 emissions levels by
3 2020. In 2008, the City enacted Chapter 9 of the Environment Code, which set additional
4 greenhouse gas emissions reduction targets of 40% below 1990 levels by 2025 and 80%
5 below 1990 levels by 2050. While the City has made strides toward reaching these goals,
6 additional efforts must be undertaken to ensure the 2050 goal is met.

7 (b) In 2017, the communitywide greenhouse gas inventory by the Department of the
8 Environment identified that the single biggest source of emissions was the transportation
9 sector at 46%, with 71% of those sector emissions resulting from private cars and trucks
10 running on fossil fuels.

11 (c) In 2017, San Francisco adopted Ordinance 115-17, requiring all light-duty sedans
12 in the municipal fleet to be zero emission vehicles by December 31, 2022. In 2018 the San
13 Francisco Municipal Transportation Agency adopted Resolution 180515-080, establishing a
14 goal to transition the entire transit fleet to 100% electric vehicles by 2035. The State of
15 California, through the California Air Resources Board, adopted a policy to transition all public
16 buses to be 100% electric by 2040.

17 (d) The Electric Vehicle ("EV") Readiness Ordinance, Chapter 29 of the Environment
18 Code, requires that new buildings and major renovations install electrical infrastructure and
19 turnkey readiness for EV charging in 10% of parking spaces.

20 (e) In 2015, Mayor Ed Lee convened the Electric Vehicle Working Group to develop
21 recommendations and a roadmap on how to expand the use of electric vehicles to help the
22 City reduce emissions and associated air pollution health impacts from the transportation
23 sector. And in 2018, Governor Jerry Brown set a goal to get 5 million electric vehicles on the
24 road and 250,000 electric vehicle charging stations installed by 2030. The State of California
25 has directed funding to support installation of electric vehicle charging stations through the

1 California Air Resources Board Low Carbon Fuel Standard Credit rebate program, grants
2 administered by California regional air districts, the Volkswagen Environmental Mitigation
3 Trust for California, California Public Utilities Commission ("CPUC") Infrastructure Pilot
4 Programs implemented by public utilities, and CPUC and NRG Energy settlement, thus
5 substantially reducing any financial burden on owners and operators of parking lots and
6 garages. In the event the requirements set forth in this ordinance are too burdensome for an
7 owner or operator of a parking lot or garage, the ordinance provides the Director of
8 Department on the Environment with the ability to grant a full or partial waiver from
9 compliance.

10 (f) By requiring commercial parking lots and garages to install electric vehicle charging
11 equipment, the City will facilitate and encourage the adoption of electric vehicles by a greater
12 share of the population, thus assisting the City to meet the emission goals set by the City and
13 the state. Without this installation requirement, particularly in new parking lots and garages,
14 further air quality and greenhouse gas degradation would occur in the City because the on-
15 going and increasing inconvenience of finding electric vehicle charging stations would mean
16 that fewer electric vehicles could be used. Multiple studies have suggested a correlation
17 between increasing the number of charging stations with higher electric vehicles adoption
18 rates as summarized in the October 2017 white paper by The International Council on Clean
19 Transportation. In addition, the 2019 San Francisco Electric Vehicle Roadmap produced by
20 the Mayor's Electric Vehicle Working Group Electric Mobility Subcommittee also identifies the
21 expansion of publicly-accessible Level 2 and Fast Charging infrastructure in San Francisco as
22 a key strategy to improve electric vehicle adoption rates.

23 (g) The City intends to adopt at least the minimum standards imposed by this
24 ordinance in all City-owned parking lots and garages open to the public.
25

1 Section 3. The Environment Code is hereby amended by adding Chapter 30,
2 consisting of Sections 3001-3006, to read as follows:

3
4 CHAPTER 30: ELECTRIC VEHICLE CHARGING IN COMMERCIAL PARKING LOTS
5 AND GARAGES

6 SEC. 3001. DEFINITIONS.

7 "Commercial Parking Lot or Garage" means a building, structure, or space on privately owned
8 land that is required by Sections 1215 through 1215.7 of the Police Code to hold a commercial parking
9 permit issued by the Chief of Police.

10 "Director" means the Director of the Department of the Environment or the Director's
11 designee.

12 "Electric Vehicle Charging Station" means electric vehicle supply equipment that consists of
13 the conductors, including the ungrounded, grounded, and equipment grounding conductors and the
14 electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or
15 apparatus installed specifically for the purpose of delivering energy from premises wiring to an electric
16 vehicle.

17 "Fast Charging Station" means an Electric Vehicle Charging Station that supplies electricity at
18 a rate of 40 kW or higher.

19 "Level 2 Charging Station" means an Electric Vehicle Charging Station that supplies
20 electricity in any amount less than 40 kW, supplied by a circuit with capacity meeting manufacturer
21 specifications and not less than a 208/240V AC at 40 amps circuit.

1 SEC. 3002. ELECTRIC VEHICLE CHARGING STATIONS REQUIRED AT
2 COMMERCIAL PARKING LOTS AND GARAGES.

3 (a) Beginning January 1, 2023, any Commercial Parking Lot or Garage with more than 100
4 parking spaces designated for automobiles shall provide Level 2 Charging Stations to at least 10% of
5 the parking spaces designated for automobiles, provided that the maximum number of parking spaces
6 where Level 2 Charging Stations are required shall be no more than 200 parking spaces per
7 Commercial Parking Lot or Garage location.

8 (b) In lieu of installing Level 2 Charging Stations as required by subsection (a) of this Section
9 3002, a Commercial Parking Lot or Garage may:

10 (1) Install Fast Charging Stations as follows:

11 (A) A Commercial Parking Lot or Garage with 101-749 parking spaces
12 available for automobiles must install at least two Fast Charging Stations; or

13 (B) A Commercial Parking Lot or Garage with 750-999 parking spaces
14 available for automobiles must install at least three Fast Charging Stations; or

15 (C) A Commercial Parking Lot or Garage with 1000-1249 parking spaces
16 available for automobiles must install at least four Fast Charging Stations; or

17 (D) A Commercial Parking Lot or Garage with 1250-1499 parking spaces
18 available for automobiles must install at least five Fast Charging Stations; or

19 (E) A Commercial Parking Lot or Garage with 1500-1749 parking spaces
20 available for automobiles must install at least six Fast Charging Stations; or

21 (F) A Commercial Parking Lot or Garage with 1750-1999 parking spaces
22 available for automobiles must install at least seven Fast Charging Stations; or

23 (G) A Commercial Parking Lot or Garage with over 2,000 parking spaces
24 available for automobiles must install at least eight Fast Charging Stations; or
25

1 (2) Install functionally equivalent electric vehicle charging services, such as battery
2 swapping technology. All functionally equivalent electric vehicle charging services shall be approved
3 by the Director and shall meet the following minimum requirements:

4 (A) Provide charging to commercially available electric automobiles; and

5 (B) Deliver charging capacity as follows:

6 (i) For a Commercial Parking Lot or Garage with 101-199 parking
7 spaces available for automobiles, the service must provide a total capacity of at least 1 kW multiplied
8 by the number of parking spaces available for automobiles; or

9 (ii) For a Commercial Parking Lot or Garage with 200-499 parking
10 spaces available for automobiles, the service must provide a total capacity of at least 0.5 kW multiplied
11 by the number of parking spaces available for automobiles; or

12 (iii) For a Commercial Parking Lot or Garage with 500 or more parking
13 spaces available for automobiles, the service must provide a total capacity of at least 0.2 kW multiplied
14 by the number of parking spaces available for automobiles; and

15 (C) Be configured to deliver charging services on an ongoing basis during
16 business hours; and

17 (D) Be configured to deliver charging services on a daily basis to a number of
18 automobiles equal to or more than 10% of the total number of parking spaces available to automobiles.

19
20 **SEC. 3003. WAIVER.**

21 (a) The Director may grant a full or partial waiver from compliance with Section 3002. A
22 partial waiver shall authorize a reduction in the number of parking spaces providing Level 2 Charging
23 Stations as required by subsection (a) of Section 3002 or the number of Fast Charging Stations
24 required by subsection (b) of Section 3002, without eliminating the requirements altogether.
25

1 (b) The Director shall develop a process rules for fair evaluation of requests for waiver under
2 this Section 3003. Any rule adopted under this authority shall be subject to disapproval of the
3 Board of Supervisors by ordinance. The Director shall provide written notice to the Clerk of the
4 Board of Supervisors of the adoption of any rule under this subsection (b), along with a copy
5 of said rule. If a Member of the Board of Supervisors does not introduce an ordinance to
6 disapprove the rule or regulation within 60 days of the date of delivery of such notice to the
7 Clerk of the Board of Supervisors, or if such an ordinance is introduced within the 60-day
8 period but the ordinance is not enacted by the Board of Supervisors within 90 days of the date
9 of the Director's delivery of notice to the Clerk of the Board of Supervisors, the rule shall go
10 into effect.

11 (c) In considering a request for a full or partial waiver, the Director may consider:

12 (1) whether the existing local utility infrastructure is unable to supply sufficient
13 electrical capacity to meet the requirements of this Chapter 30;

14 (2) whether due to site conditions it is technically infeasible to install the infrastructure
15 to comply with the requirements of this Chapter; or

16 (3) whether the Commercial Parking Lot or Garage demonstrates it made good faith
17 efforts to enter into an agreement with at least two companies that install, maintain, and operate
18 Electric Vehicle Charging Stations to install the infrastructure to comply with the requirements of this
19 Chapter at minimal or no cost to the Commercial Parking Lot or Garage, but such companies declined
20 because such an agreement was not financially viable.

21 (d) Expiration of Waiver.

22 (1) The Director may determine that a waiver under Sections 3003(c)(1) or 3003(c)(2)
23 shall expire after a period of up to five years from the date of the waiver.

24 (2) A waiver under Section 3003(c)(3) shall expire two years after the date the Director
25 grants the waiver.

1 (3) Upon expiration of a waiver, the Commercial Parking Lot or Garage shall comply
2 with Section 3002 or submit an application for waiver under Section 3003.

3
4 **SEC. 3004. ADMINISTRATION AND ENFORCEMENT.**

5 (a) The Director may issue regulations necessary or appropriate for the implementation and
6 enforcement of this Chapter 30.

7 (b) If the Director determines that a Commercial Parking Lot or Garage has violated this
8 Chapter 30 or a regulation adopted pursuant to this Chapter 30, the Director shall send a written
9 warning, as well as a copy of this Chapter 30 and any regulations adopted pursuant to it, to the
10 Commercial Parking Lot or Garage, which shall have 30 days after receipt of the warning to correct
11 the violation. The Director shall send the warning to the owner of the Commercial Parking Lot or
12 Garage and to the operator or leasee of the Commercial Parking Lot or Garage, if any.

13 (c) If the Commercial Parking Lot or Garage fails to correct the violation, the Director may
14 issue an administrative citation imposing an administrative fine for the violation. Administrative Code
15 Chapter 100, "Procedures Governing the Imposition of Administrative Fines," as amended from time
16 to time, is hereby incorporated in its entirety and shall govern the imposition, enforcement, collection,
17 and review of administrative citations issued to enforce this Chapter 30 or any regulation adopted
18 pursuant to this Chapter. For purposes of calculating the penalty for violating Section 3002, each day
19 that the Commercial Parking Lot or Garage has not complied with Section 3002 shall constitute a
20 separate violation. The Director shall issue the citation to the owner of the Commercial Parking Lot or
21 Garage and to the operator or leasee of the Commercial Parking Lot or Garage, if any.

22 (d) If the Director has determined that a Commercial Parking Lot or Garage does not comply
23 with Section 3002, and the Director issues an administrative citation under subsection (c) of this
24 Section 3004, and the Commercial Parking Lot or Garage fails to correct the violation within a
25 reasonable time after the administrative citation is final, which time shall be determined by the

1 Director, the Director shall send written notice to the Chief of Police concerning the violation and
2 request that the Chief of Police suspend or revoke the Commercial Parking Lot or Garage's permit to
3 operate under Section 1215.3 of the Police Code.

4
5 **SEC. 3005. UNDERTAKING FOR THE GENERAL WELFARE.**

6 In enacting and implementing this Chapter 30, the City is assuming an undertaking only to
7 promote the general welfare. It is not assuming, nor is it imposing on its officers and employees, an
8 obligation for breach of which it is liable in money damages to any person who claims that such breach
9 proximately caused injury.

10
11 **SEC. 3006. NO CONFLICT WITH FEDERAL OR STATE LAW.**

12 This Chapter 30 shall be construed so as not to conflict with applicable federal or State laws,
13 rules, or regulations. Nothing in this Chapter 30 shall authorize any City agency or department to
14 impose any duties or obligations in conflict with limitations on municipal authority established by State
15 or federal law at the time such agency or department action is taken.

16
17 Section 4. The Police Code is hereby amended by revising Sections 1215.1, 1215.2,
18 and 1215.3 of Article 17, to read as follows:

19
20 **SEC. 1215.1. APPLICATION FOR PERMIT.**

21 (a) **Application Requirements.** An applicant for a commercial parking permit shall
22 use the application form the Chief of Police provides, and shall supply the following
23 information:

24 * * * *

1 (9) A copy of plans for the parking garage or parking lot for which the applicant
2 seeks a commercial parking permit. The plans must include the name and business address
3 of the applicant; the address of the parking garage or parking lot; the name and business
4 address of the owner of the building, the structure or space where the garage or lot is located,
5 if the applicant is not the owner; all pedestrian and vehicular entrances and exits to the garage
6 or lot; the dimensions and types of construction of all structures, fences, or other
7 improvements; any electric vehicle charging infrastructure required by Chapter 30 of the
8 Environment Code; and any features that may affect street traffic;

9 * * * *

10 (18) A statement as to whether the parking garage or parking lot must comply with
11 Chapter 30 of the Environment Code, and if so, a description of how the parking garage or parking lot
12 will comply with that Chapter;

13 (198) The name and address of the person authorized to accept service of
14 process for the applicant; and

15 (~~1920~~) Any other information that the Chief of Police finds reasonably necessary
16 to investigate the application.

17 * * * *

18 **SEC. 1215.2. INVESTIGATION, HEARING, AND ISSUANCE OF PERMITS.**

19 (a) **Complete Application.** The Chief of Police may not accept an application for filing
20 until it is complete. An application is not complete until the Chief of Police determines that it
21 includes all information and documentation that Section 1215.1(a) requires. After determining
22 that an application includes all required information and documentation, the Chief of Police
23 shall accept the application for filing.
24
25

1 (b) **Investigation of Application.** Once the Chief of Police accepts an application for
2 filing, the Chief of Police shall conduct an appropriate investigation of the application. As part
3 of the investigation, the Chief of Police shall make any necessary referrals to other City
4 departments, including referrals to the Planning Department, Fire Department, Department of
5 the Environment, and Department of Building Inspection for their determination of compliance
6 with zoning, building, fire, and safety requirements. The Chief of Police may refer the
7 application to the Municipal Transportation Authority for review of traffic impacts. The Chief of
8 Police shall conduct a criminal history background check on the persons listed in Sections
9 1215.1(a)(2) through (4).

10 * * * *

11 (d) **Action on Application.** The Chief of Police shall hear and decide the application
12 within a reasonable time after accepting the application for filing. In deciding the application,
13 the Chief of Police may exercise ~~his or her~~ sound discretion as to whether the permit should be
14 granted or denied. The Chief of Police may consider the following:

15 * * * *

16 (6) Whether the application contains intentionally false or misrepresented
17 information; *and*

18 (7) Whether granting the permit is consistent with the public interest, health,
19 safety, and welfare; *and*

20 (8) Whether the parking garage or parking lot complies with Chapter 30 of the
21 Environment Code concerning electric vehicle charging equipment.

22 * * * *

23
24 **SEC. 1215.3. PERMIT REVOCATION OR SUSPENSION.**
25

1 (a) **Discretionary Revocation or Suspension.** The Chief of Police may revoke or
2 suspend a commercial parking permit if, after a hearing on the matter, ~~he or she~~ the Chief finds
3 that:

4 (1) Grounds exist that would have constituted a basis to deny the permit
5 application;

6 (2) The permittee has failed to operate the parking garage or parking lot in
7 compliance with the security plan approved by the Chief of Police;

8 (3) The permittee, or any employee or agent of the permittee, has created,
9 caused, or contributed to the creation or maintenance of a public nuisance in the operation of
10 the parking garage or parking lot;

11 (4) The permittee, or any employee or agent of the permittee, has failed to
12 comply with any requirements imposed by Sections 1215 through 1215.6, or any rules the
13 Chief of Police issued under Section 1215.4(a); or

14 (5) The permittee, or any employee or agent of the permittee, has operated the
15 parking garage or parking lot in a manner contrary to the public interest, health, safety or
16 welfare.

17 (b) **Mandatory Revocation or Suspension.** The Chief of Police shall revoke or
18 suspend a commercial parking permit, after a hearing on the matter, promptly upon receiving
19 notice from:

20 (1) ~~The~~ The Office of the Treasurer and Tax Collector that it has revoked a
21 permittee's business registration certificate or certificate of authority, or has determined that
22 the permittee, or any person listed in Sections 1215.1(a)(2) through (4), is not in compliance
23 with the Business and Tax Regulations Code. If the Chief of Police suspends the permit, the
24 Chief of Police shall continue the permit suspension until the Office of the Treasurer and Tax
25 Collector notifies the Chief of Police that ~~he or she~~ the Chief may end the suspension; or:

1 (2) The Department of the Environment that the permittee has failed to comply with
2 Chapter 30 of the Environment Code concerning the installation of electric vehicle charging
3 equipment. If the Chief of Police suspends the permit, the Chief of Police shall continue the permit
4 suspension until the Department of the Environment provides notice that the permittee complies with
5 Chapter 30 of the Environment Code.

6 (c) **Notice.** The Chief of Police shall serve written notice of a revocation or suspension
7 hearing on the permittee at the business address listed in the permit application, no fewer
8 than 10 days before the hearing. The notice shall include the time and place of the hearing
9 and a brief statement of the reasons for the proposed revocation or suspension.

10 (d) **Appeal.** Notwithstanding Section 8(i)(5) of the Business and Tax Regulations
11 Code, the filing of an appeal with the Board of Appeals from a decision of the Chief of Police
12 to revoke or suspend a commercial parking permit shall not effect a suspension of the Chief of
13 Police's action.

14 (e) **Board of Appeal.** On any appeal from a decision of the Chief of Police to revoke
15 or suspend a commercial parking permit under Section 1215.3(b), consistent with the vital City
16 policy regarding advance payment of disputed taxes and the exclusive remedies and
17 procedures available to resolve tax disputes under Article 6 of the Business and Tax
18 Regulations Code, the Board of Appeal shall have no jurisdiction to review any determination
19 of the Office of the Treasurer and Tax Collector that the applicant, or any person listed in
20 Sections 1215.1(a)(2) through (4), is not in compliance with the Business and Tax Regulations
21 Code. Nor shall the Board of Appeal have jurisdiction to review a decision of the Office of the
22 Treasurer and Tax Collector to revoke a permittee's business registration certificate or
23 certificate of authority.

24 (f) **Three-Year Ban.** If the Chief of Police revokes a commercial parking permit, the
25 permittee, and any person listed in Sections 1215.1(a)(2) through (4), may not apply for a

1 commercial parking permit for three years from the date the Chief of Police revokes the
2 permit.

3
4 Section 5. Severability. If any section, subsection, sentence, clause, phrase, or word
5 of this ordinance, or any application thereof to any person or circumstance, is held to be
6 invalid or unconstitutional by a decision of a court of competent jurisdiction, such decision
7 shall not affect the validity of the remaining portions or applications of the ordinance. The
8 Board of Supervisors hereby declares that it would have enacted this ordinance, including
9 each and every subsection, sentence, clause, phrase, and word not declared invalid or
10 unconstitutional, without regard to whether any other portion of this ordinance or application
11 thereof would be subsequently declared invalid or unconstitutional.

12
13 Section 6. Effective and Operative Date.

14 (a) This ordinance shall become effective 30 days after enactment. Enactment occurs
15 when the Mayor signs the ordinance, the Mayor returns the ordinance unsigned or does not
16 sign the ordinance within ten days of receiving it, or the Board of Supervisors overrides the
17 Mayor's veto of the ordinance.

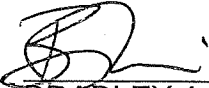
18 (b) This ordinance shall become operative on its effective date, except for Section 4,
19 amending Sections 1215.1, 1215.2, and 1215.3 of the Police Code, which shall become
20 operative on January 1, 2023.

21
22 Section 7. Scope of Ordinance. In enacting this ordinance, the Board of Supervisors
23 intends to amend only those words, phrases, paragraphs, subsections, sections, articles,
24 numbers, punctuation marks, charts, diagrams, or any other constituent parts of the Municipal
25 Code that are explicitly shown in this ordinance as additions, deletions, Board amendment

1 additions, and Board amendment deletions in accordance with the "Note" that appears under
2 the official title of the ordinance.

3

4 APPROVED AS TO FORM:
5 DENNIS J. HERRERA, City Attorney

6 By: 
7 BRADLEY A. RUSSI
8 Deputy City Attorney

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REVISED LEGISLATIVE DIGEST
(Amended in Committee, 9/30/2019)

[Environment, Police Codes - Electric Vehicle Charging in Commercial Parking]

Ordinance amending the Environment Code to require commercial parking lots and garages with more than 100 parking spaces to install electric vehicle charging equipment; amending the Police Code to add compliance with the new requirement as a condition of existing as well as future permits for commercial parking lots and garages; and affirming the Planning Department's determination under the California Environmental Quality Act.

Existing Law

Existing law requires commercial parking lots and garages to obtain a permit to operate from the Chief of Police. Current law does not require installation of electric vehicle charging equipment in commercial parking lots and garages.

Amendments to Current Law

The proposed ordinance would amend the Environment Code to require commercial parking lots and garages on privately owned land with more than 100 parking spaces to install electric vehicle charging stations by January 1, 2023. A commercial parking lot or garage must install Level 2 charging electric vehicle stations at 10% of available parking spaces. Alternatively, the commercial parking lot or garage may install two or more fast charging electric vehicle stations, depending on the number of parking spaces at the commercial parking lot or garage, or may install functionally equivalent electric vehicle charging services such as battery swapping technology that meet certain requirements. The Director of the Department of the Environment ("Director") may grant a full or partial waiver from the requirement based on (1) the inability of the existing utility infrastructure to supply sufficient electricity, (2) site conditions rendering compliance technically infeasible, or (3) the inability of the commercial parking lot or garage to locate a partner to install, maintain, and operate the infrastructure at minimal or no cost, despite good faith efforts. The waivers expire after a period of time, and the commercial parking garage or lot must either come into compliance or seek a new waiver.

The proposed ordinance authorizes the Director to issue administrative citations to commercial parking lots or garages that fail to comply with the requirements. The Director is also authorized to issue regulations necessary for implementation and enforcement.

The proposed ordinance amends the Police Code to modify the permitting program for commercial parking lots and garages by requiring compliance with the new electric vehicle charging provisions of the Environment Code as a permit condition.

BOARD of SUPERVISORS



City Hall
Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

September 17, 2019

File No. 190793-2

Lisa Gibson
Environmental Review Officer
Planning Department
1650 Mission Street, Ste. 400
San Francisco, CA 94103

Dear Ms. Gibson:

On September 10, 2019, Mayor Breed submitted the proposed substitute legislation:

File No. 190793-2

Ordinance amending the Environment Code to require commercial parking lots and garages with more than 100 parking spaces to install electric vehicle charging equipment; amending the Police Code to add compliance with the new requirement as a condition of existing as well as future permits for commercial parking lots and garages; and affirming the Planning Department's determination under the California Environmental Quality Act.

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

A handwritten signature in cursive script, appearing to read "Erica Major".

By: Erica Major, Assistant Clerk
Land Use and Transportation Committee

Attachment

c: Joy Navarrete, Environmental Planning
Don Lewis, Environmental Planning

Not defined as a project under CEQA Guidelines Sections 15378 and 15060(c)(2) because it would not result in a direct or indirect physical change in the environment.

joy
navarrete

Digitally signed by joy navarrete
DN: dc=org, dc=sfgov, dc=cityplanning,
ou=CityPlanning, ou=Environmental
Planning, cn=joy navarrete,
email=joy.navarrete@sfgov.org
Date: 2019.09.18 17:11:00 -0700

BOARD of SUPERVISORS



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July 24, 2019

File No. 190793

Lisa Gibson
Environmental Review Officer
Planning Department
1650 Mission Street, Ste. 400
San Francisco, CA 94103

Dear Ms. Gibson:

On July 16, 2019, Mayor Breed submitted the proposed legislation:

File No. 190793

Ordinance amending the Environment Code to require commercial parking lots and garages with more than 100 parking spaces to install electric vehicle charging equipment; amending the Police Code to add compliance with the new requirement as a condition of existing as well as future permits for commercial parking lots and garages; and affirming the Planning Department's determination under the California Environmental Quality Act.

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

A handwritten signature in cursive script, appearing to read "Erica Major".

By: Erica Major, Assistant Clerk
Land Use and Transportation Committee

Attachment

c: Joy Navarrete, Environmental Planning
Don Lewis, Environmental Planning

Not defined as a project under CEQA Guidelines Sections 15378 and 15060(c)(2) because it would not result in a direct or indirect physical change in the environment. Individual project would need separate environmental review.

joy navarrete

Digitally signed by joy navarrete
DN: dc=org, dc=sfgov, dc=cityplanning,
ou=CityPlanning, ou=Environmental Planning,
cn=joy navarrete,
email=joy.navarrete@sfgov.org
Date: 2019.07.25 16:26:33 -0700



SF Environment

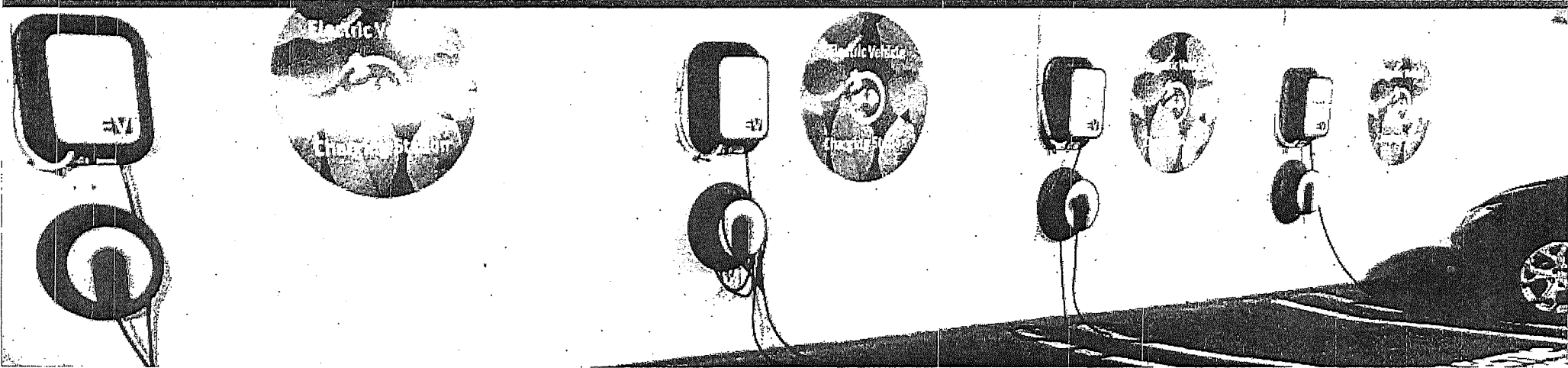
Our home. Our city. Our planet.

A Department of the City and County of San Francisco

Electric Vehicle Charging in Commercial Parking Facilities

Ordinance Amending the Environment and Police Codes

168

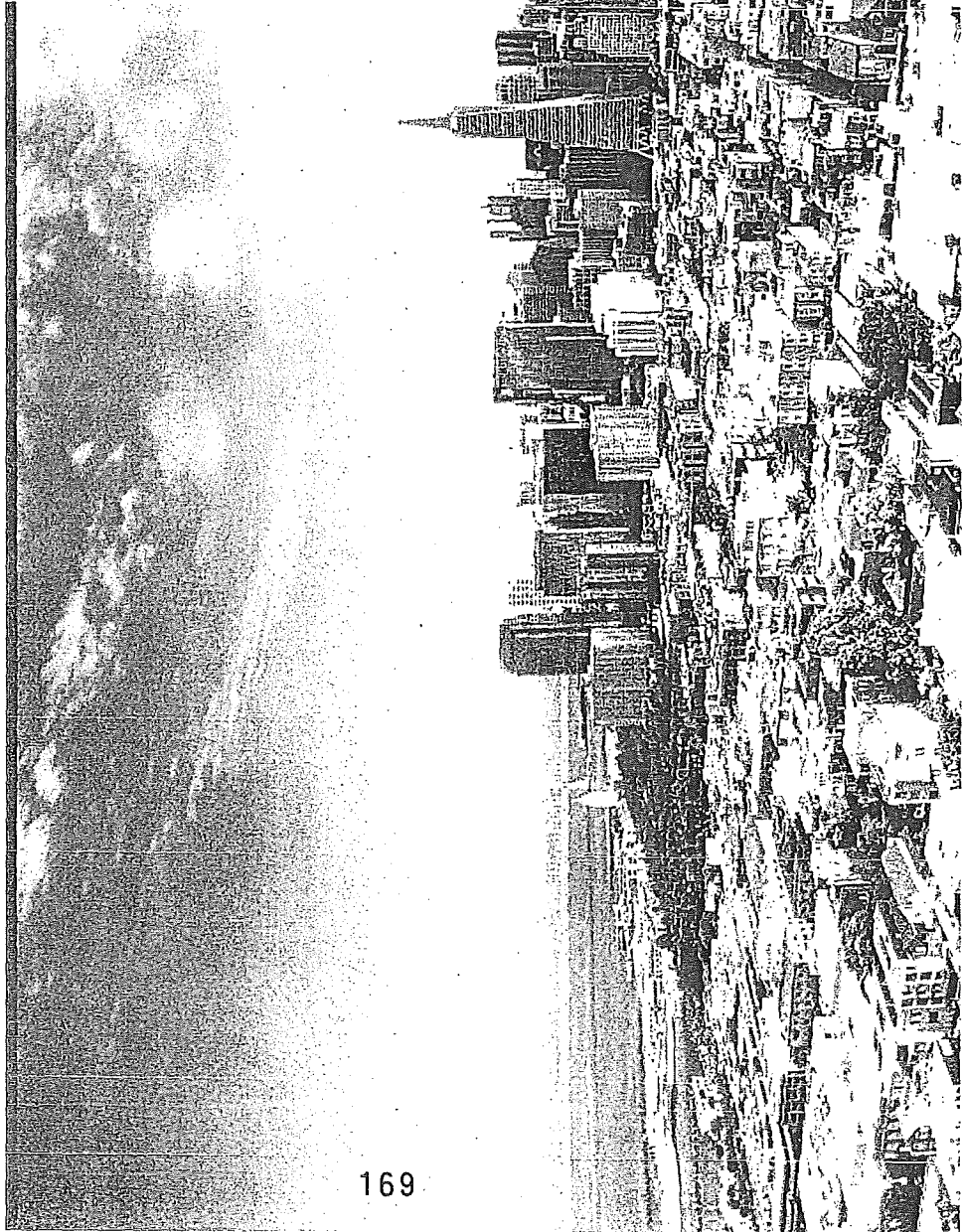


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PRESENTED



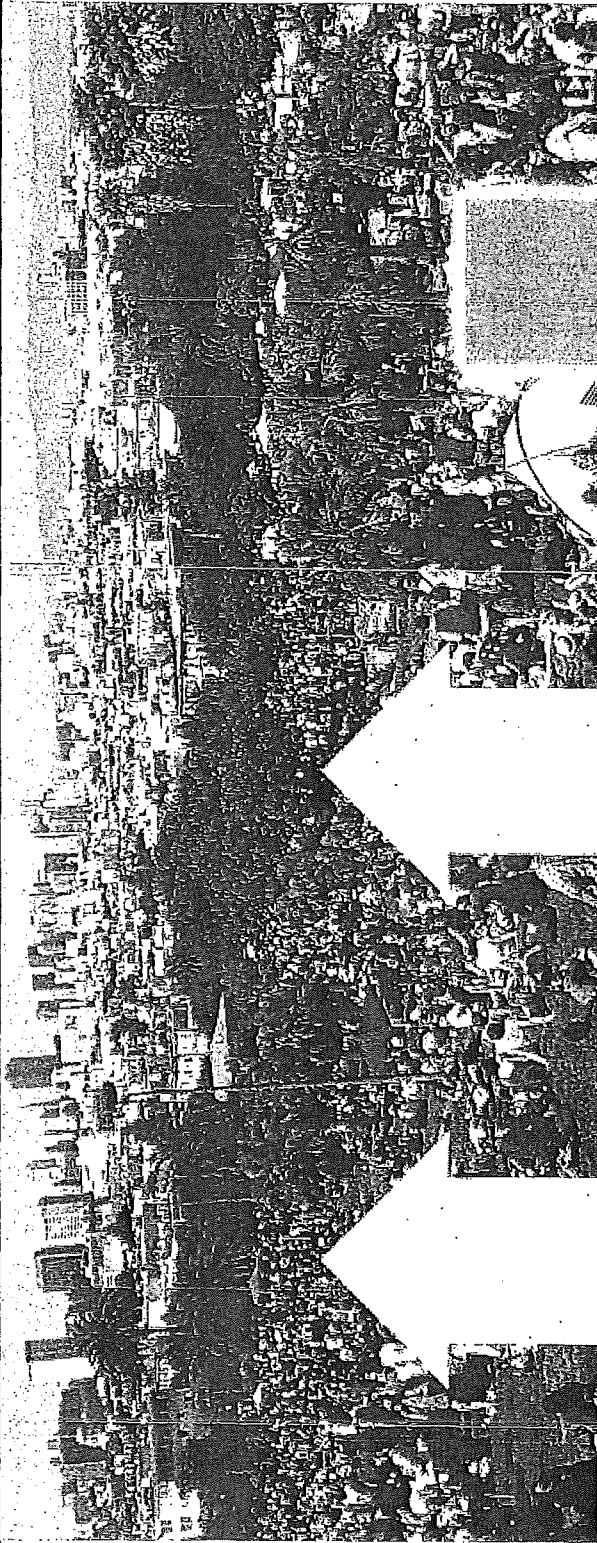
Our goal

Net Zero Emissions





Decreasing emissions in a growing city (1990-2017)



22%

Population

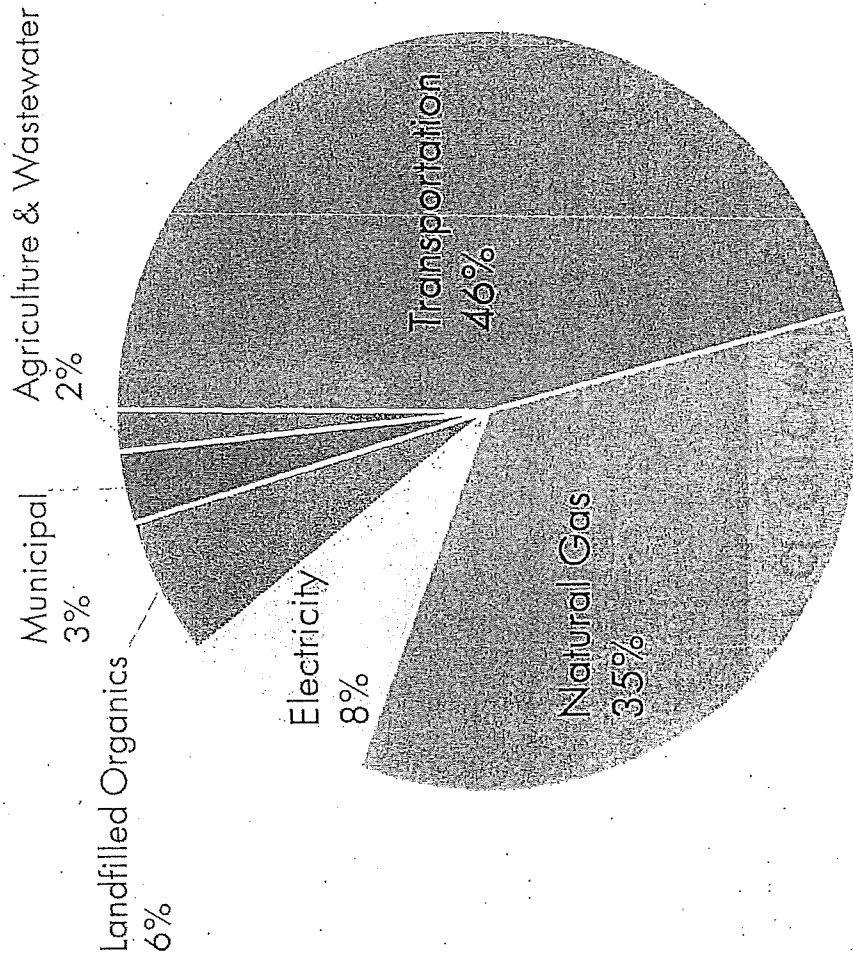
166%

GDP

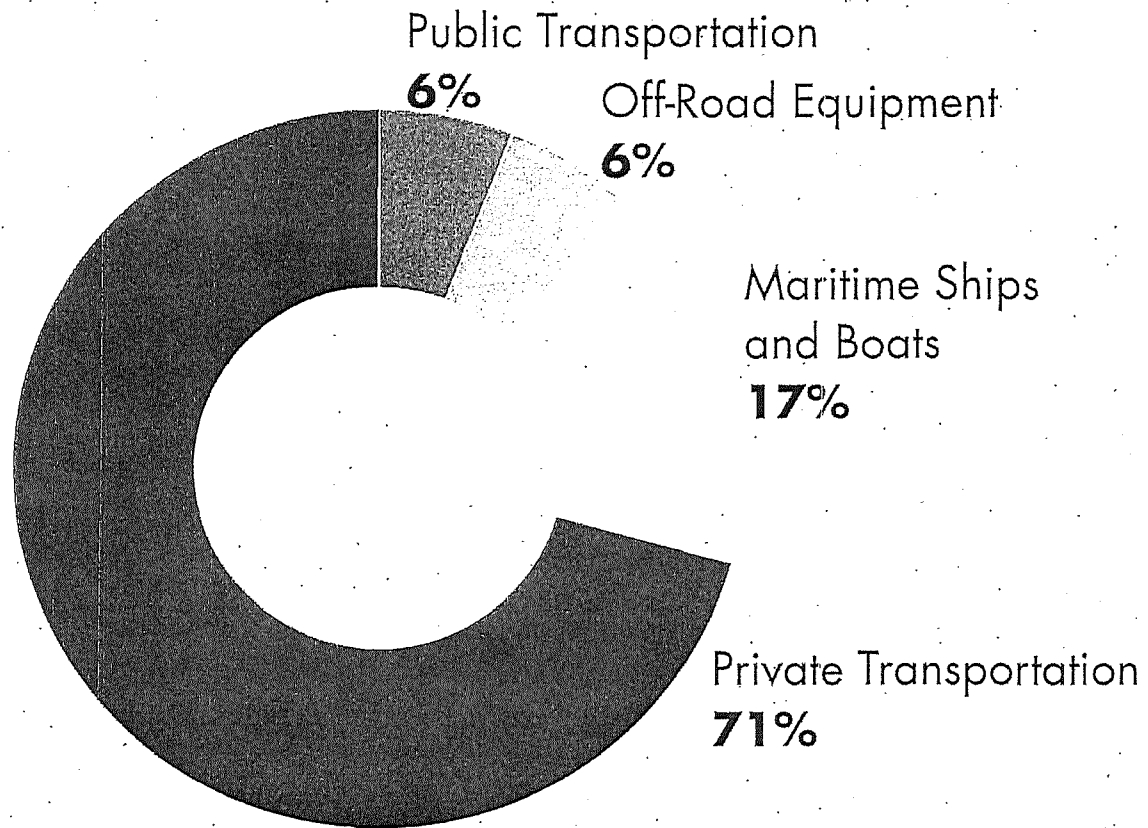
36%



Emissions by sector (2017)

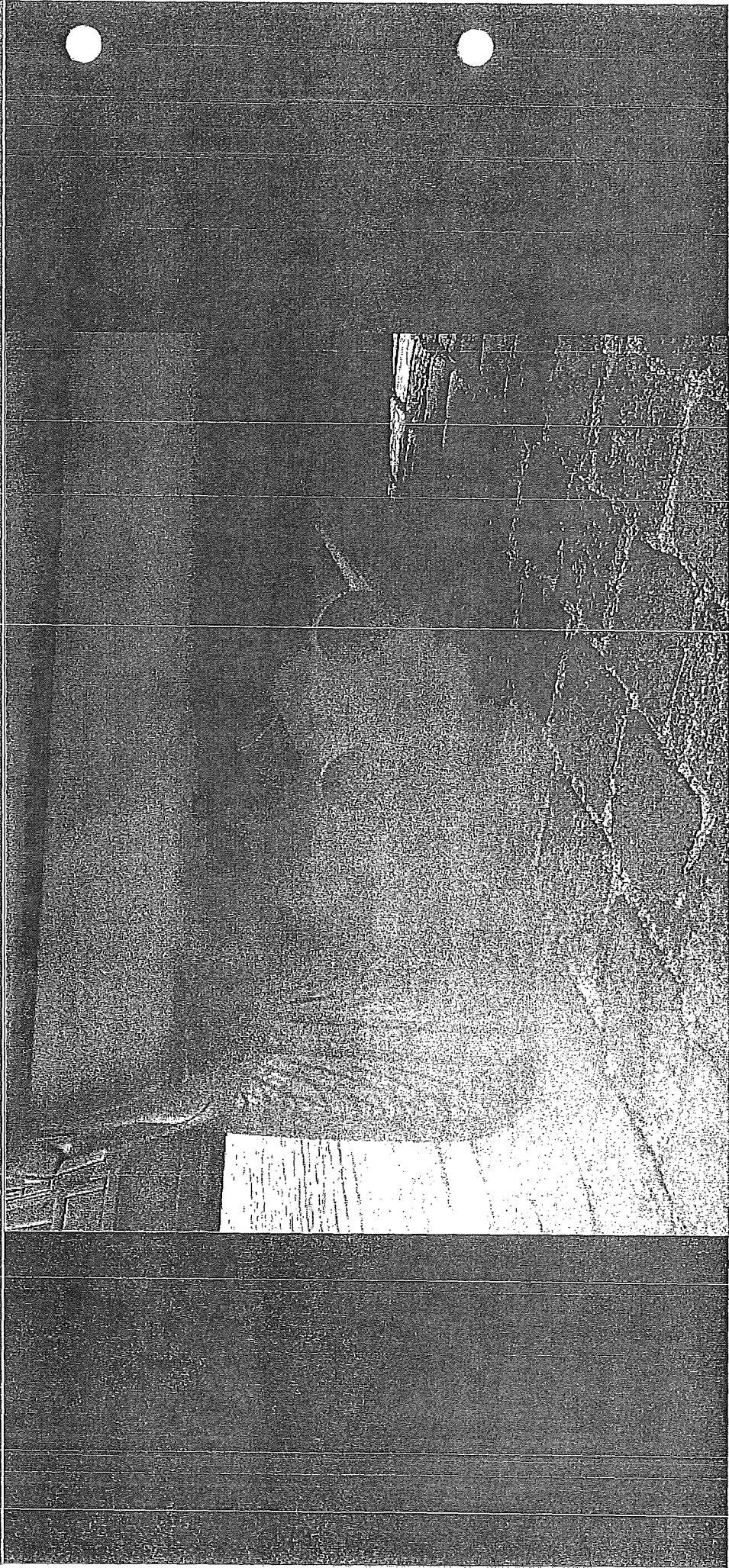


Transportation emissions (2017)





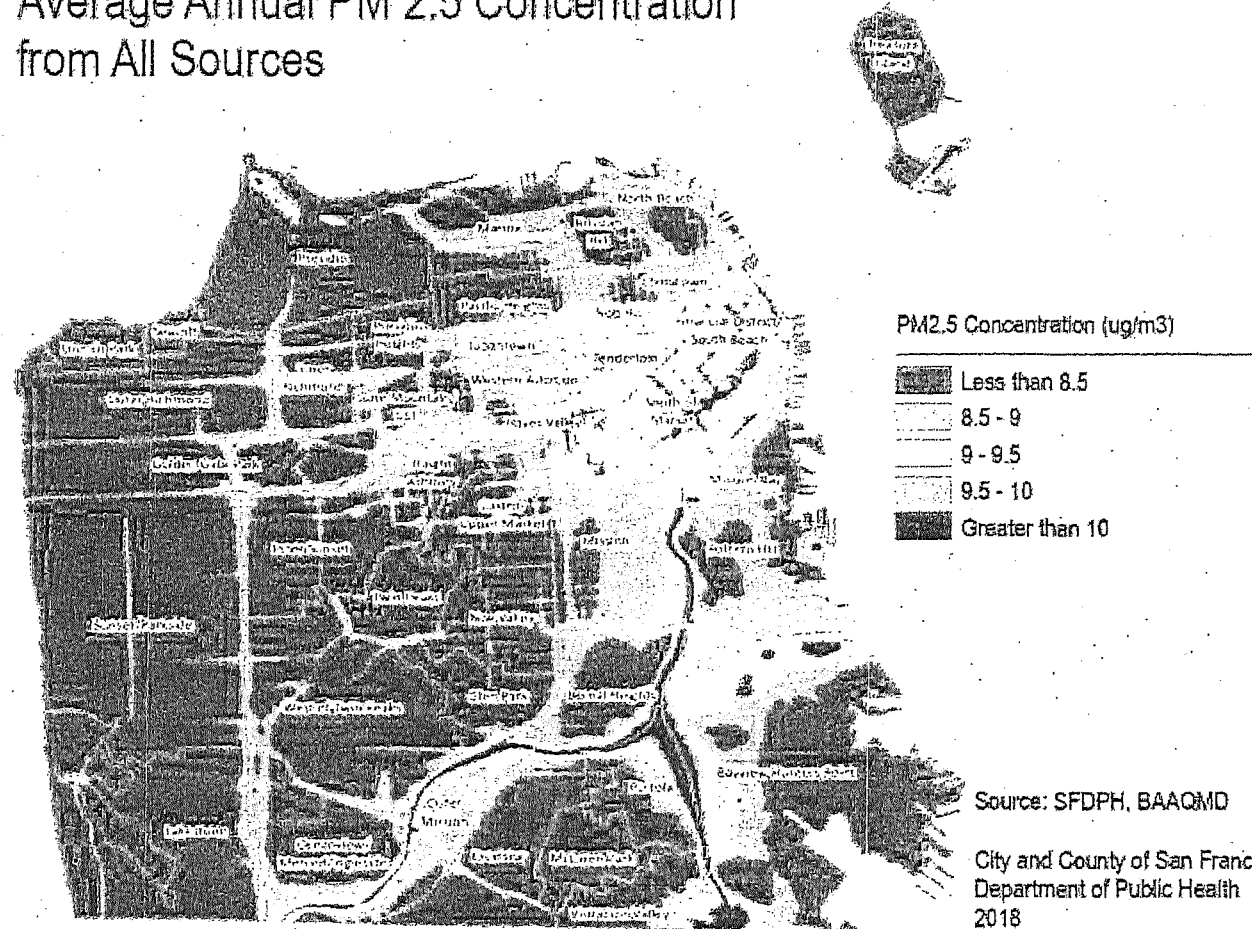
Tailpipe emissions – more than just greenhouse gases



Air quality and equity



Average Annual PM 2.5 Concentration from All Sources



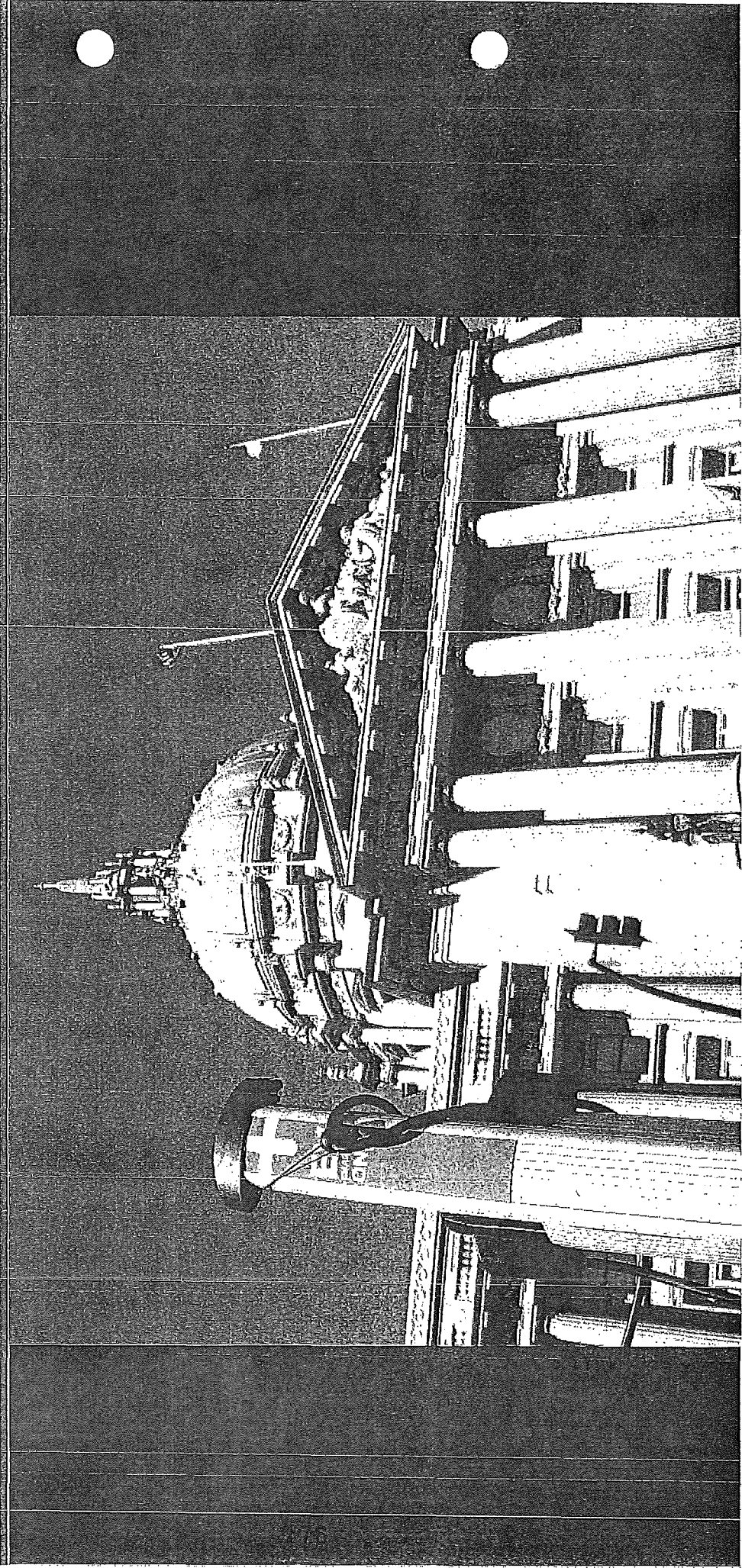


Need to mode shift and fuel switch

80100

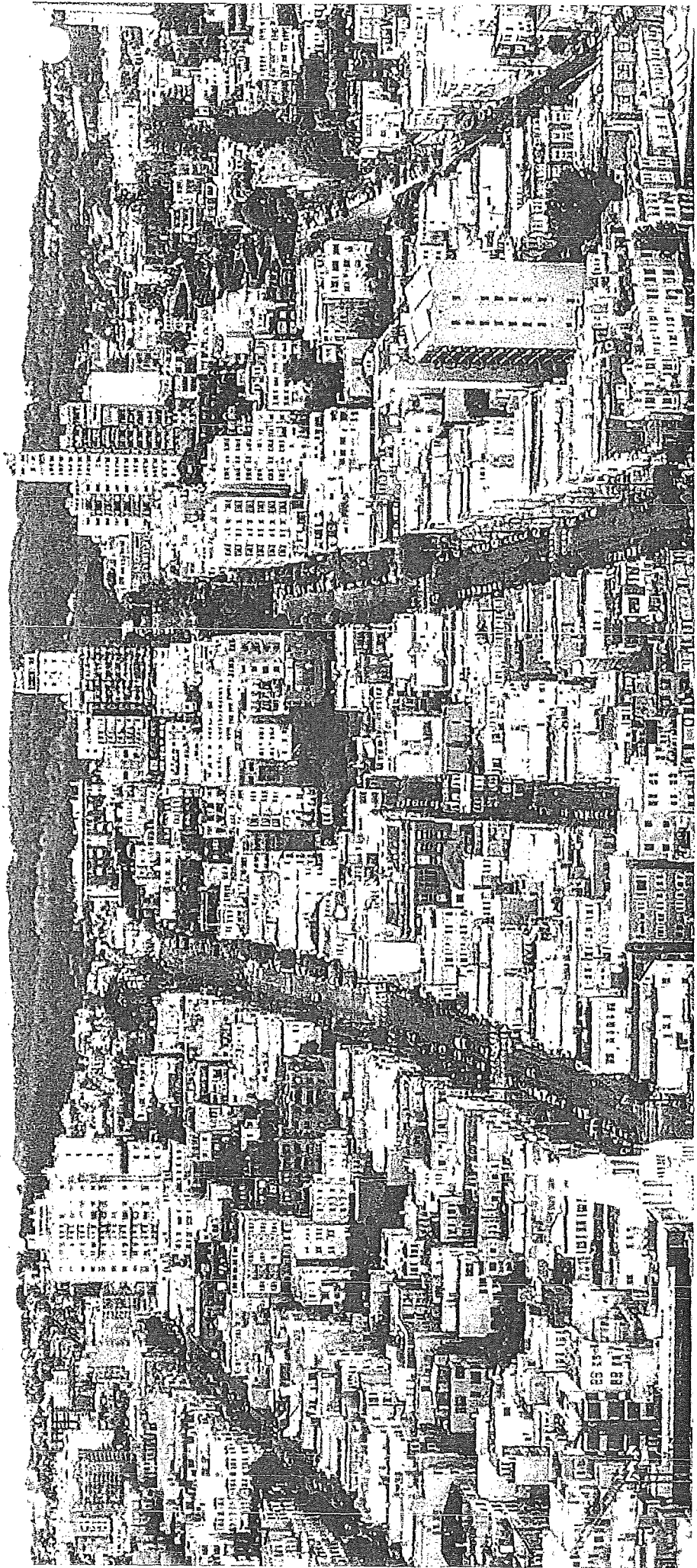


EV Roadmap – 100% electrification by 2040



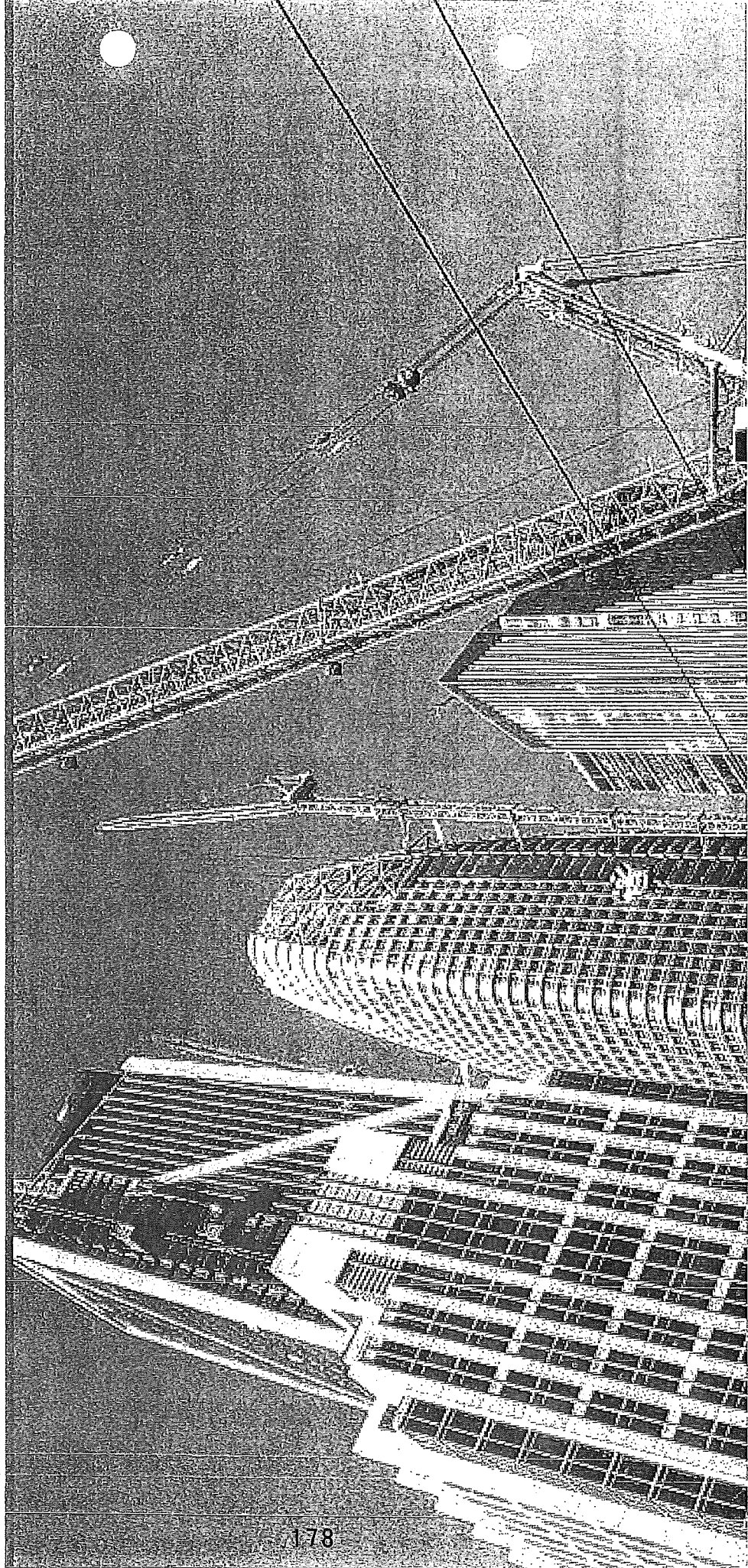


Key barrier: access to charging





New construction/parking – EV readiness



Current charging network



179

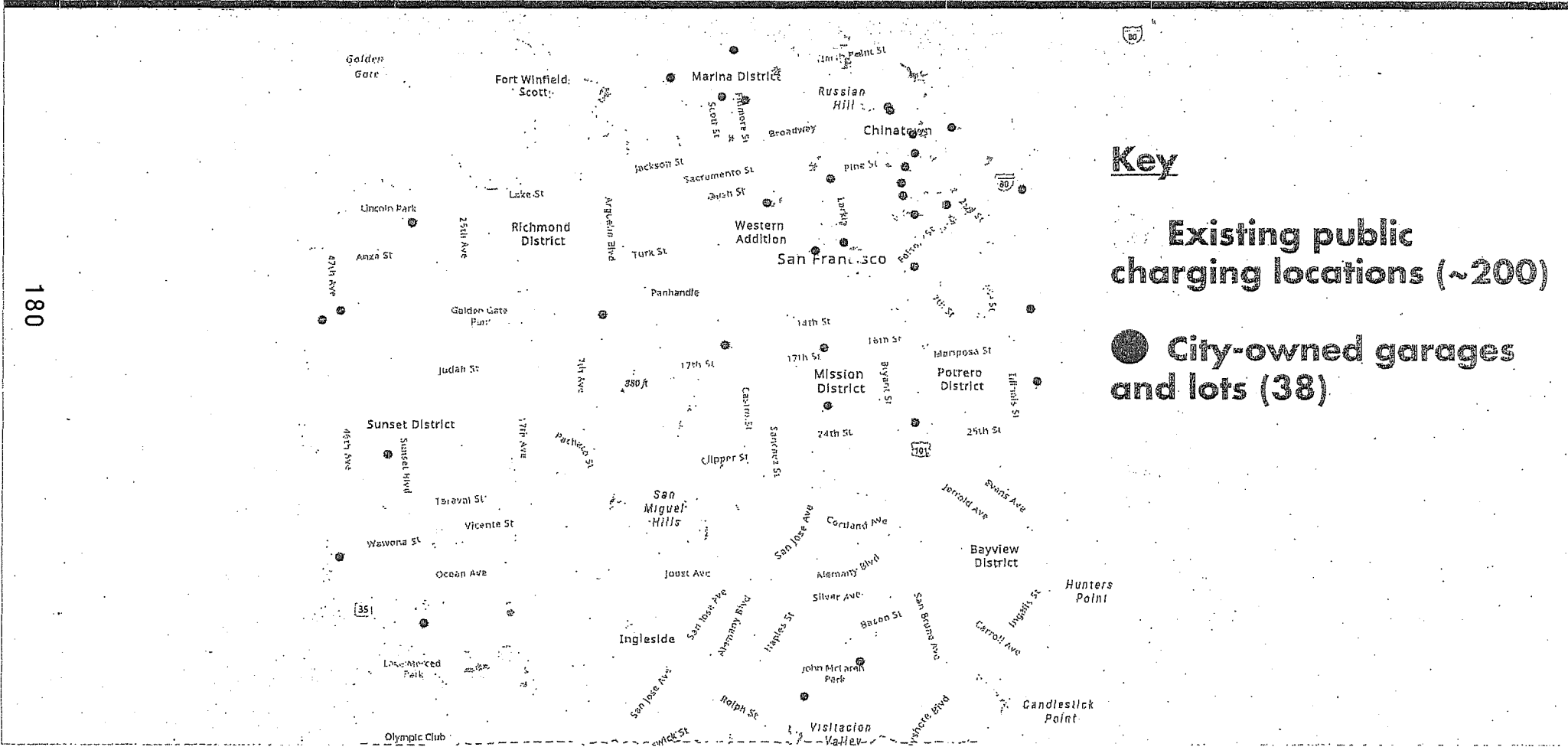


~ 750 public charging ports

~ 10,500 EVs registered

0.07 public charging ports per EV registered

Expansion in City-owned garages and lots



What will this ordinance do?



- Commercial garages and parking lots with **100+ parking spaces**
 - Approximately 300 sites
- Install Level 2 charging stations at **10% of parking spaces**
 - Or functionally equivalent number of Fast Chargers
- Must be in compliance by **Jan. 1, 2023**

What will this ordinance do?



- Requires a good faith analysis of financial and technical feasibility
- Ties to the commercial parking facility permit process
 - Issued by SFPD

Waiver process



- Existing **electrical capacity** is insufficient
- Installation is technically infeasible due to **site conditions**
- **Good faith effort** with at least two suppliers

Administration and enforcement



- SF Environment will administer the waiver process
- Non-compliance:
 - At request of SF Environment, SFPD can **suspend or revoke** commercial parking **operating permit**
 - SF Environment can **administer fines** for non-compliance

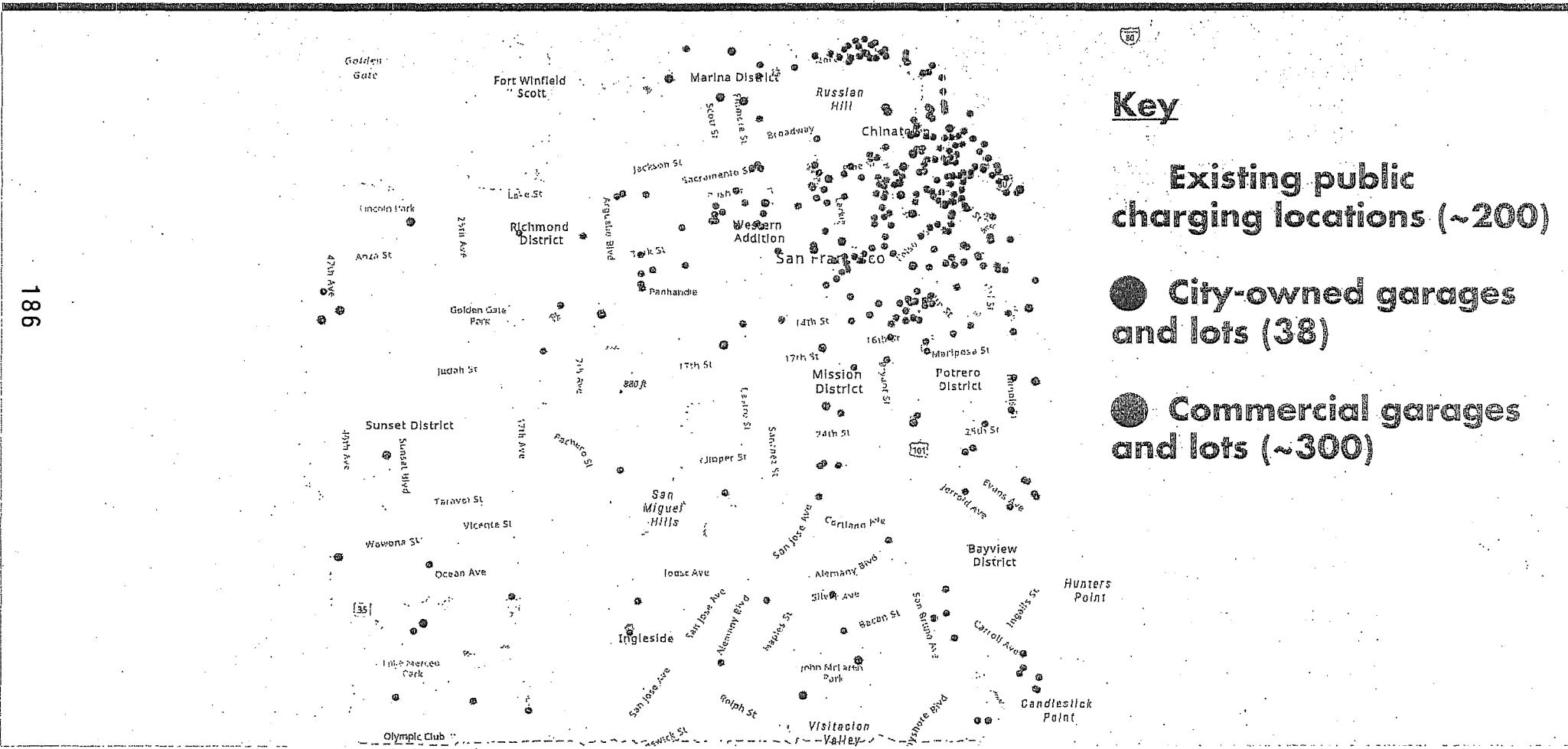
Potential impact of ordinance



185



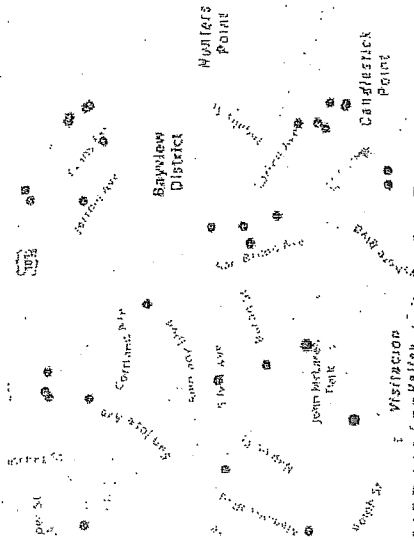
Potential impact of ordinance





EVs for all

GRID ALTERNATIVES



Thank you!



Charles Sheehan

Chief Policy and Public Affairs Officer

SF Department of the Environment

(415) 355-3756

charles.sheehan@sfgov.org

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SF Environment

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A Department of the City and County of San Francisco

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190793

From: Safai, Ahsha (BOS)
Sent: Monday, September 30, 2019 2:53 PM
To: DEM - John Bozeman
Cc: Major, Erica (BOS); Haney, Matt (BOS); Peskin, Aaron (BOS); Jue, Tyrone (MYR); Angulo, Sunny (BOS); RivamonteMesa, Abigail (BOS); Sandoval, Suhagey (BOS)
Subject: Re: San Francisco Board of Supervisors Land Use and Transportation Committee, September 30, 2019 - Item #2 (190793) Environment, Police Codes - Electric Vehicle Charging in Commercial Parking

Thanks John.

We acknowledged receipt of this letter and your position for the record today.

Ahsha

Ahsha Safai, M.C.P.
District 11 Supervisor
San Francisco Board of Supervisors
(415) 756-8103

On Sep 30, 2019, at 12:26 PM, John Bozeman <johnb@boma.com> wrote:

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

Good Afternoon Honorable Members of the Land Use and Transportation Committee,

At your meeting today, you will consider Item #2 (190793) Environment, Police Codes - Electric Vehicle Charging in Commercial Parking.

BOMA supports a more sustainable built environment generally through voluntary means as opposed to mandates. Indeed, since 1987, BOMA San Francisco members have been leaders in recycling and environment stewardship of the commercial high-rise office building stock. Measures addressing energy efficiency, water savings, resource usage reduction or any other environmental concerns should be well-vetted, realistic and cost-efficient.

With regard to this ordinance, I sincerely appreciate elected leaders and their staff of informing me and our BOMA San Francisco Energy & Environment Committee leaders of this measure to determine the feasibility of implementing a well-intended policy objective. There were a number of possible issues that would have made the requirements of the ordinance difficult to execute if not for the explanation of the waiver process from City and County of San Francisco stakeholders and the understanding of that process from our members.

BOMA San Francisco members with parking garages/parking garage operator members, in general, have had Level 2 (or higher) charging stations for many years. The feedback I've received indicates that, due to a precipitous drop in those who drive to these structures on a daily basis, the usage for existing electric vehicle charging stations has diminished as well. What occurs is that those who do drive electric

cars to San Francisco, either for work or to visit, can make it to the building garage and back home at the level of charge the vehicle has at the time they arrive. Also, charging a vehicle that has minimal depletion of a full charge, e.g., a Tesla 3 with 310 mile range, when it arrives to a garage means that the current electric vehicle charging stations can swap electric cars multiple times and adequately handle the vehicles that need to be recharged.

Even so, the ordinance as drafted is future-focused, as are our members. With more electric vehicles coming online and autonomous electric vehicles around the corner, this measure seems flexible enough to allow for private garage adaptability as EV chargers/battery swapping technology and need evolves.

Please let me know if you have any questions and thank you for your leadership.

Respectfully,

John M. Bozeman, CAE
Director, Government and Industry Affairs
Building Owners and Managers Association of San Francisco
233 Sansome Street, 8th Floor
San Francisco, CA 94104
Cell: (415) 686-9652

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BOARD of SUPERVISORS



City Hall
Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

September 17, 2019

File No. 190793-2

Lisa Gibson
Environmental Review Officer
Planning Department
1650 Mission Street, Ste. 400
San Francisco, CA 94103

Dear Ms. Gibson:

On September 10, 2019, Mayor Breed submitted the proposed substitute legislation:

File No. 190793-2

Ordinance amending the Environment Code to require commercial parking lots and garages with more than 100 parking spaces to install electric vehicle charging equipment; amending the Police Code to add compliance with the new requirement as a condition of existing as well as future permits for commercial parking lots and garages; and affirming the Planning Department's determination under the California Environmental Quality Act.

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

A handwritten signature in cursive script, appearing to read "Erica Major".

By: Erica Major, Assistant Clerk
Land Use and Transportation Committee

Attachment

c: Joy Navarrete, Environmental Planning
Don Lewis, Environmental Planning

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July 24, 2019

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Lisa Gibson
Environmental Review Officer
Planning Department
1650 Mission Street, Ste. 400
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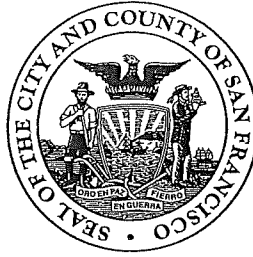
A handwritten signature in cursive script, appearing to read "Erica Major".

By: Erica Major, Assistant Clerk
Land Use and Transportation Committee

Attachment

c: Joy Navarrete, Environmental Planning
Don Lewis, Environmental Planning

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City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
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TDD/TTY No. 554-5227

MEMORANDUM

TO: Deborah Raphael, Director, Department of the Environment
William Scott, Police Chief, Police Department
Tom Maguire, Interim Executive Director, Municipal Transportation Agency
Jeanine Nicholson, Chief, Fire Department
John Rahaim, Director, Planning Department
Tom Hui, Director, Department of Building Inspection
Jose Cisneros, Treasurer, Office of the Treasurer and Tax Collector
Julie Rosenberg, Executive Director, Board of Appeals

FROM: Erica Major, Assistant Clerk, Land Use and Transportation Committee

DATE: September 18, 2019

SUBJECT: SUBSTITUTE LEGISLATION INTRODUCED

The Board of Supervisors' Land Use and Transportation Committee has received the following proposed substitute legislation, introduced by Mayor Breed on September 10, 2019:

File No. 190793-2

Ordinance amending the Environment Code to require commercial parking lots and garages with more than 100 parking spaces to install electric vehicle charging equipment; amending the Police Code to add compliance with the new requirement as a condition of existing as well as future permits for commercial parking lots and garages; and affirming the Planning Department's determination under the California Environmental Quality Act.

If you have comments or reports to be included with the file, please forward them to me at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102 or by email at: erica.major@sfgov.org.

c: Peter Gallotta, Department of the Environment
Charles Sheehan, Department of the Environment
Rowena Carr, Police Department
Asja Steeves, Police Department
Deirdre Hussey, Police Department
Sergeant Rachael Kilshaw, Police Department
Kate Breen, Municipal Transportation Agency
Janet Martinsen, Municipal Transportation Agency
Joel Ramos, Municipal Transportation Agency
Theresa Ludwig, Fire Department
Scott Sanchez, Planning Department
Corey Teague, Planning Department
Lisa Gibson, Planning Department
Devyani Jain, Planning Department
AnMarie Rodgers, Planning Department
Dan Sider, Planning Department
Aaron Starr, Planning Department
Joy Navarrete, Planning Department
Laura Lynch, Planning Department
William Strawn, Department of Building Inspection
Carolyn Jayin, Department of Building Inspection
Amanda Kahn Fried, Office of the Treasurer and Tax Collector
Gary Cantara, Board of Appeals



TO: Angela Calvillo, Clerk of the Board of Supervisors
FROM: Kanishka Karunaratne Cheng *KKC*
RE: Environment, Police Codes - Electric Vehicle Charging in Commercial
Parking
DATE: Tuesday, September 10, 2019

RECEIVED
BOARD OF SUPERVISORS
SAN FRANCISCO
2019 SEP 10 PM 4:20
BY *KKC*

Ordinance amending the Environment Code to require commercial parking lots and garages with more than 100 parking spaces to install electric vehicle charging equipment; amending the Police Code to add compliance with the new requirement as a condition of existing as well as future permits for commercial parking lots and garages; and affirming the Planning Department's determination under the California Environmental Quality Act.

This item is meant to substitute File No. 190793.

Should you have any questions, please contact Kanishka Karunaratne Cheng at 415-554-6696.



OK

TO: Angela Calvillo, Clerk of the Board of Supervisors
FROM: Sophia Kittler
RE: Environment, Police Codes - Electric Vehicle Charging in Commercial
Parking
DATE: 7/16/19

Ordinance amending the Environment Code to require commercial parking lots and garages with more than 100 parking spaces to install electric vehicle charging equipment; amending the Police Code to add compliance with the new requirement as a condition of existing as well as future permits for commercial parking lots and garages; and affirming the Planning Department's determination under the California Environmental Quality Act.

Please note that Supervisors Peskin and Mandelman are co-sponsors of this legislation.

Should you have any questions, please contact Sophia Kittler at 415-554-6153.

RECEIVED
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SAN FRANCISCO
2019 JUL 16 PM 4:02
AK

