

File No. 221082 Committee Item No. 3  
Board Item No. 28

## COMMITTEE/BOARD OF SUPERVISORS

### AGENDA PACKET CONTENTS LIST

Committee: Land Use and Transportation Committee Date December 5, 2022

Board of Supervisors Meeting Date December 13, 2022  
Cmte Board

|                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Motion                                       |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Resolution                                   |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Ordinance                                    |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Legislative Digest                           |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Budget and Legislative Analyst Report        |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Youth Commission Report                      |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Introduction Form                            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Department/Agency Cover Letter and/or Report |
| <input type="checkbox"/>            | <input type="checkbox"/>            | MOU  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Grant Information Form                       |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Grant Budget                                 |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Subcontract Budget                           |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Contract/Agreement                           |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Form 126 – Ethics Commission                 |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Award Letter                                 |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Application                                  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Public Correspondence                        |

OTHER (Use back side if additional space is needed)

|                                     |                          |  |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | DRAFT Third Amend                          |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Maintenance Agmt 070209                    |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Amend No. 1 102711                         |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Amend No. 2 101918                         |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exhibit B                                  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | PW Order No. 207167                        |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Referral FYI 102122                        |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Referral CEQA 102122                       |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Response SF and Marin Counties Clean CA MA |
| <input type="checkbox"/>            | <input type="checkbox"/> |  |
| <input type="checkbox"/>            | <input type="checkbox"/> |  |
| <input type="checkbox"/>            | <input type="checkbox"/> |  |

Completed by: Erica Major Date December 1, 2022  
Completed by: Erica Major Date December 5, 2022

1 [Agreement Amendment - Caltrans Maintenance Agreement - Incorporate Traffic Control  
2 Devices]

3 **Resolution approving the Third Amendment to the Agreement for Maintenance of State  
4 Highways in San Francisco between the City and the State of California Department of  
5 Transportation (Caltrans) to include City's maintenance and operation of additional  
6 traffic control devices on right-of-way within Caltrans jurisdiction, along State Route  
7 280, on eastbound Alemany Boulevard at San Bruno Avenue; affirming the Planning  
8 Department's determination under the California Environmental Quality Act; and  
9 authorizing the Public Works Director to enter into modifications and amendments to  
10 the Third Amendment that do not materially increase the obligations or liabilities to the  
11 City or materially decrease the public benefits accruing to the City and are necessary  
12 to effectuate the purposes of the project or this Resolution.**

13

14 WHEREAS, On July 25, 1990 the City and County of San Francisco ("City") and the  
15 State of California Department of Transportation ("Caltrans") entered into an agreement  
16 authorizing the City to perform maintenance works in the State Highways in San Francisco;  
17 and

18 WHEREAS, On June 9, 2009, in Resolution No. 209-09, the Board of Supervisors  
19 accepted and approved Public Works Order No. 178169, which recommended that the Board  
20 of Supervisors approve a subsequent maintenance agreement to address various changes to  
21 the State Highway routes in the City and to adjust reimbursement amounts to account for  
22 inflation; and

23 WHEREAS, On July 2, 2009, the City and Caltrans entered into an agreement  
24 ("Maintenance Agreement") authorizing the City to perform specified maintenance functions  
25

1 on the State Highways within the City's jurisdiction and setting forth State's obligation to  
2 reimburse City for such work; and

3 WHEREAS, Copies of Resolution No. 209-09 and Public Works Order No. 178169 are  
4 on file with the Clerk of the Board of Supervisors in File No. 090630; and

5 WHEREAS, On October 27, 2011, the City and Caltrans executed the first amendment  
6 to the Maintenance Agreement ("First Amendment") to specify the maintenance  
7 responsibilities for median landscaping on State Route 1, and in all other respects, the  
8 Maintenance Agreement remained in full force and effect; and

9 WHEREAS, Copies of the Maintenance Agreement and the First Amendment are on  
10 file with the Clerk of the Board of Supervisors in File No. 090630; and

11 WHEREAS, On September 18, 2018, in Resolution No. 311-18, the Board of  
12 Supervisors accepted and approved Public Works Order No. 186981, which recommended  
13 that the Board of Supervisors approve a subsequent maintenance agreement to include the  
14 City's maintenance of additional facilities including electrical equipment, speed bumps,  
15 pedestrian rail, signage, and red concrete on right-of-way within Caltrans jurisdiction; to reflect  
16 Caltrans' authorization of City's construction and use of water, sewer, and auxiliary water  
17 supply system trench facilities compliant with City standards on certain Caltrans right-of-way;  
18 and

19 WHEREAS, On October 19, 2018, the City and Caltrans executed the second  
20 amendment to the Maintenance Agreement ("Second Amendment") to implement Resolution  
21 No. 311-18; and

22 WHEREAS, Copies of Resolution No. 311-18, Public Works Order No. 186981, and the  
23 Second Amendment are on file with the Clerk of the Board of Supervisors in File No. 180812;  
24 and

25

1           WHEREAS, As set forth in Public Works Order No. 207167, on file with the Clerk of the  
2 Board of Supervisors in File No. 221082, the Director of Public Works has recommended that  
3 the Public Works Commission and the Board of Supervisors approve the third amendment to  
4 the Maintenance Agreement (“Third Amendment”) to authorize and memorialize the  
5 expansion of the City’s maintenance responsibilities of electronically operated traffic control  
6 devices to include vehicle signals installed along State Route 280, at approximately Postmile  
7 2.05 area and on eastbound Alemany Boulevard at San Bruno Avenue; and

8           WHEREAS, A copy of said Third Amendment is on file with the Clerk of the Board of  
9 Supervisors in File No. 221082; and

10          WHEREAS, The Planning Department has determined that the actions contemplated in  
11 this Resolution comply with the California Environmental Quality Act (California Public  
12 Resources Code Sections 21000 et seq.); said determination is on file with the Clerk of the  
13 Board of Supervisors in File No. 221082 and is incorporated herein by reference; the Board  
14 affirms this determination; now, therefore, be it

15          RESOLVED, That the Board of Supervisors accepts and approves the Public Works  
16 Director’s recommendations in Public Works Order No. 207167 and the Third Amendment;  
17 and, be it

18          FURTHER RESOLVED, That the Board of Supervisors hereby approves, confirms, and  
19 ratifies all actions heretofore taken by the officers of the City with respect to such Third  
20 Amendment, and authorizes and directs the Public Works Director to execute an agreement in  
21 substantial conformance with the Third Amendment and to approve any additions,  
22 amendments, or other modifications to the Third Amendment that the Public Works Director,  
23 in consultation with the City Attorney, determines are in the best interest of the City, do not  
24 materially increase the obligations or liabilities of the City or materially decrease the public

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1     benefits accruing to the City, and are necessary or advisable to effectuate the purpose and  
2     intent of this Resolution; and, be it

3           FURTHER RESOLVED, That within 30 days of the full execution of the Third  
4     Amendment by all parties, the Public Works Director shall provide the fully executed Third  
5     Amendment to the Clerk of the Board for inclusion in the official file; and, be it

6           FURTHER RESOLVED, That the Board of Supervisors directs the Clerk of the Board  
7     to send four certified copies of this Resolution to Caltrans at an address to be provided by the  
8     Public Works Director.

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**AMENDMENT No. 3 TO  
AGREEMENT FOR MAINTENANCE OF STATE HIGHWAYS  
IN THE CITY OF SAN FRANCISCO**

This AMENDMENT No. 3 (“AMENDMENT No. 3”) is dated \_\_\_\_\_, 2022, and is made to the Agreement for Maintenance of State Highways in the City of San Francisco dated July 2, 2009, as amended by the First Amendment thereto dated October 27, 2011 and the Second Amendment thereto dated October 19, 2018 (together the “AGREEMENT”), and entered into by and between the State of California, acting by and through the Department of Transportation, hereinafter referred to as (“STATE”), and the City and County of San Francisco, a municipal corporation, hereinafter referred to as (“CITY”), acting by and through its Public Works Director. CITY and STATE together are hereafter referred to as (“PARTIES”).

**RECITALS:**

WHEREAS, The purpose of this AMENDMENT No. 3 is to authorize and memorialize the expansion of the City’s maintenance responsibilities of electronically operated traffic control devices to include vehicle signals installed along State Route 280, at approximately Postmile 2.05 area; eastbound Alemany Boulevard at San Bruno Avenue;

NOW, THEREFORE, PARTIES agree to amend AGREEMENT as follows:

1. EXHIBIT “B” (REVISED); Page 5b of the AGREEMENT is hereby deleted and replaced by EXHIBIT “B” (REVISED 7-2022); Page 5b.
2. New EXHIBIT “B” titled “AMENDMENT No. 3 EXHIBIT B; Pages 12 and 13 are hereby added to and made part of the AGREEMENT.
3. All other terms and conditions of AGREEMENT shall remain in full force and effect.
4. AMENDMENT No. 3 is hereby deemed to be included and made a part of AGREEMENT.

*[Signatures on following page]*

IN WITNESS WHEREOF, PARTIES hereto have set their hands and seals the day and year first above written.

CITY AND COUNTY OF  
SAN FRANCISCO

By: \_\_\_\_\_  
CARLA SHORT  
Interim Director

Approved as to form:

DAVID CHIU  
City Attorney

By: \_\_\_\_\_  
CHRISTOPHER TOM  
Deputy City Attorney

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

TONY TAVARES  
Director of Transportation

By: \_\_\_\_\_  
LEAH BUDU  
Deputy District Director  
Maintenance District 4

**EXHIBIT "B" (REVISED 7-2022)**  
MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT  
BY THE CITY OF SAN FRANCISCO  
IN ACCORDANCE WITH MAINTENANCE AGREEMENT; EFFECTIVE 8-2022

| Rte | PM   | Intersection                         | Rate | Equipment                | Int or Pole No   | Units | % State | % City |
|-----|------|--------------------------------------|------|--------------------------|--|-------|---------|--------|
| 82  | 0.17 | Sagamore-Sickles                     | SF   | 150W HP-Sodium           | 12D, 294D, 11, 02  | 8     | 28.57   | 71.43  |
| 82  | 0.20 | Sadowa Off-Ramp                      | SF   | 250W MV Lights           | 292  | 1     | 50.00   | 50.00  |
| 101 | 0.56 | Bayshore Blvd NB Ramp                | SF   | 200W HP-Sodium           | 192  | 1     | 33.33   | 66.67  |
| 101 | 0.57 | 3rd St NB Ramp                       | SF   | 150W HP-Sodium           | 674  | 1     | 33.00   | 67.00  |
| 101 | 0.69 | Bayshore Blvd NB Ramp                | SF   | 200W HP-Sodium           | 184  | 1     | 50.00   | 50.00  |
| 101 | 0.84 | 3rd St Ramp Merges                   | SF   | 100W HP-Sodium           | 19, 20   | 2     | 50.00   | 50.00  |
| 101 | 2.05 | EB Alemany Blvd. @<br>San Bruno Ave. | SF   | Vehicle Signals<br>E34F2 | A, B, C, D, E, F G,<br>H, I, J, K, M, N<br>(see Exhibit B: Page<br>12 & Page 13 for<br>detail) | 13    | 50.00   | 50.00  |
|     |      |                                      |      |                          |  |       |         |        |

**AGREEMENT FOR MAINTENANCE OF STATE HIGHWAYS  
IN THE CITY OF SAN FRANCISCO**

THIS AGREEMENT, is made effective this 2nd day of July, 2009, by and between the State of California, acting by and through its Department of Transportation, hereinafter referred to as "STATE", and the City and County of San Francisco, hereinafter referred to as "CITY".

- I. The Parties desire to provide that CITY will perform specified maintenance functions on the State Highways within CITY's jurisdiction as authorized in section 130 of the Streets and Highways Code.
- II. This Agreement shall supersede any previous agreement for maintenance of the identified portions of those State Highways in the CITY and/or amendments thereto with CITY.
- III. CITY will perform such maintenance work as is specifically delegated to it on the identified State Highway routes, or portions thereof, all as hereinafter described within Exhibit A hereof, or as said Exhibit may be subsequently modified with the consent of the parties acting by and through their authorized representatives.
- IV. The degree or extent of maintenance work to be performed, and the standards therefore, shall be in accordance with the provisions of section 27 of the Streets and Highways Code and the then current edition of the State Maintenance Manual (a copy of which has been provided to CITY), or as may be prescribed from time to time by the District Director. "District Director," as used herein, means the District Director of the Department of Transportation assigned to the Region in which CITY is located, or an authorized representative.
- V. The functions and levels of maintenance service delegated to CITY in the attached Exhibit A, "Delegation of Maintenance", has been considered in setting authorized total dollar amounts. CITY may perform additional work if desired, but STATE will not reimburse CITY for any work not specifically delegated nor for work in excess of the authorized dollar limits established herein.
- VI. A. STATE will reimburse CITY for the actual direct cost of all routine maintenance work performed by CITY as delegated under Exhibit A to this Agreement. It is agreed that during any fiscal year, the maximum expenditure on any State Highway route shall not exceed the amount as shown in Exhibit A to this Agreement unless such expenditure is revised by an amended Agreement or otherwise adjusted or modified as hereinafter provided for.

The cost of operating and maintaining utility-owned and maintained lighting now in

place at the intersection of any State Highway route and any CITY street/road shall be shared as shown in Exhibit B.

- B. The expenditure per route for routine maintenance work, as referred to above, may be increased or decreased, redistributed between routes, or additional expenditures for specific projects may be made, when such adjustment of expenditures for routine maintenance or such specific work is authorized in writing by the District Director or his authorized representative and accepted by CITY as an amendment to Exhibit A.
- C. Additional expenditures, or an adjustment of expenditures, once authorized shall apply during the fiscal year designated therein and shall not be deemed to permanently modify or change the basic maximum expenditure per route as hereinafter specified. An adjustment of any said maximum expenditure, either an increase or decrease, shall not affect other terms of this Agreement.

VII. A new Exhibit A, "DELEGATION OF MAINTENANCE" will be provided annually by STATE for each ensuing fiscal year, if necessary, to ensure an equitable annual cost allocation.

VIII. A. CITY will submit bills in a consistent periodic sequence (monthly, quarterly, semiannually, or annually). Bills for less than \$500 shall not be submitted more than once each quarter. Bills must be submitted promptly following the close of STATE's fiscal year on each June 30<sup>th</sup> and shall be coded according to STATE's HM Program Code as outlined in this Agreement. Bills submitted for work performed in periods prior to the last fiscal year will be deemed waived and will not be honored.

B. Maintenance services provided by contract or on a unit-rate basis must exclude overhead costs. An actual cost-based handling charge by CITY for the direct cost of processing this type of bill will be allowed.

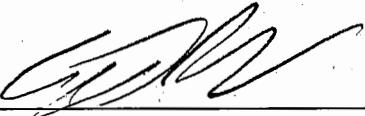
IX. Nothing in the provisions of this Agreement is intended to create duties or obligations to or rights in third parties not parties to this contract or to affect the legal liability of either party to the contract by imposing any standard of care respecting the maintenance of State Highways different from the standard of care imposed by law.

X. Neither STATE nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by CITY under or in connection with any work expressly conferred upon CITY by this Agreement. It is understood and agreed that CITY shall fully defend, indemnify and save harmless STATE and all its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including, but not limited to, tortious, contractual, inverse condemnation and other theories or assertions of liability occurring by reason of anything done or omitted to be done by CITY under or in connection with any work expressly conferred upon CITY by this Agreement.

- XI. Neither CITY nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by STATE under or in connection with any work expressly conferred upon STATE by this Agreement. It is understood and agreed that STATE shall fully defend, indemnify and save harmless CITY and all its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including, but not limited to tortious, contractual, inverse condemnation and other theories or assertions of liability occurring by reason of anything done or omitted to be done by STATE under or in connection with any work expressly conferred upon STATE by this Agreement.
- XII. STATE costs and expenses pledged to pay CITY under the terms of this Agreement are conditioned upon the passage of the Annual State Budget Act by the Legislature, the allocation of funding by the California Transportation Commission as appropriate, and the encumbrance of STATE funding to pay CITY's invoices.
- XIII. This Agreement shall remain in full force and effective until amended by the mutual consent of the parties thereto or terminated by either party upon thirty (30) days' notice to the other party.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals the day and year  
first above written.

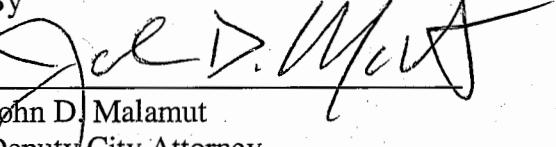
CITY AND COUNTY OF  
SAN FRANCISCO

  
ED REISKIN  
Director of Public Works

Approved as to form:

DENNIS J. HERRERA  
City Attorney

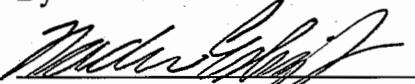
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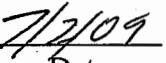
  
John D. Malamut  
Deputy City Attorney

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

WILL KEMPTON  
Director of Transportation

By

  
NADER ESHGHIPOUR  
Deputy District Director  
Maintenance

  
Date

**EXHIBIT "A"**

**A. DELEGATION OF MAINTENANCE**

The specific maintenance function indicated below (and on "EXHIBIT B and C") is hereby delegated to CITY. This delegation of maintenance function set forth herein does not include the control and maintenance areas and functions which rest with CITY under the terms of other executed Freeway Agreements and/or Freeway Maintenance Agreements.

| Route No. | Length Miles | Description of Routing   | Program Delegated                        | Maximum Annual Authorized Expenditure                                  |
|-----------|--------------|--|--|--|
| 1(a)      | 5.93         | Junipero Serra Boulevard, from south city limits near Interstate 280 Interchange to Nineteenth Avenue; along Nineteenth Avenue from Junipero Serra Boulevard to Cross-Over Drive; along Cross-Over Drive from Nineteenth Avenue to By-Pass Drive; along By-Pass Drive from Cross-Over Drive to Park Presidio Boulevard; along Park Presidio Boulevard from By-Pass Drive to Lake Street, a total length of 5.93 miles. | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | \$ 92,900.00<br>2,300.00<br><b>69,707.00</b><br>10,500.00<br>62,000.00 |
|           |              | (See footnotes 1, 7, 8 <i>and 9*</i> )   |  | Total authorized, Route 1(a) \$ 237,407.00                             |
| 1(b)      | 1.44         | Park Presidio Boulevard from Lake Street to Golden Gate Bridge approach, a total length of 1.44 miles.   | None                                     | 0.00   |
|           |              |  |  | Total authorized, Route 1(b) \$ 0.00                                   |
| 35(a)     | 2.00         | Skyline Boulevard, from south city limits to Sloat Boulevard, a total length of 2.00 miles.  | HM2D<br>HM4K                             | 7,921.00<br>3,500.00   |
|           |              | (See footnotes 2, 8)   |  | Total authorized, Route 35(a) \$ 11,421.00                             |

*\*Added by Amendment No. 1.*

| Route No. | Length Miles | Description of Routing   | Program Delegated                        | Maximum Annual Authorized Expenditure                         |
|-----------|--------------|--|--|---|
| 35(b)     | 1.17         | Sloat Boulevard from Skyline Boulevard to Nineteenth Avenue, State Route 1, a total length of 1.17 miles.  | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | 11,600.00<br>1,200.00<br><b>15,842.00</b><br>0.00<br>6,500.00 |
|           |              | (See footnotes 3, 7, 8,9)  |  |   |
|           |              |  | Total authorized, Route 35(b)            | \$ <b>35,142.00</b>   |
| 80        | 4.93         | James Lick Freeway from the Division Street Interchange to the San Francisco-Oakland Bay Bridge; also, along the San Francisco-Oakland Bay Bridge to the easterly city limits, a total length of 4.93 miles. | HM2C(R/W)<br>HM2D(R/W)<br>HM4K           | 30,200.00<br><b>138,621.00</b><br>7,000.00                    |
|           |              | (See footnote 8)   |  |   |
|           |              |  | Total authorized, Route 80               | \$ <b>175,821.00</b>  |
| 82        | 0.21         | San Jose Avenue from south city limits near Goethe Street to Route 280, a total length of 0.21 mile.   | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | 1,200.00<br>600.00<br><b>7,921</b><br>0.00<br>3,500.00        |
|           |              | (See footnotes 4, 7, 8,9)  |  |   |
|           |              |  | Total authorized, Route 82               | \$ <b>13,221.00</b>   |

| Route No. | Length Miles | Description of Routing  | Program Delegated                        | Maximum Annual Authorized Expenditure                    |
|-----------|--------------|---|--|--|
| 101(a)    | 5.40         | Bayshore and James Lick freeways from south city limits at the San Mateo County Line to the junction of Central Freeway at the Division Street Interchange; also, Central Freeway at the Division Street Interchange to end of freeway at Market Street, a length of 5.40 miles.<br><br>(See footnote 8)  | HM2C(R/W)<br>HM2D(R/W)<br>HM4K           | 23,200.00<br>39,606.00<br>7,300.00                       |
|           |              |   | Total authorized, Route 101(a)           | \$ 70,106.00   |
| 101(b)    | 2.16         | Mission Street from Duboce Avenue to South Van Ness Avenue, southbound South Van Ness Avenue from Erie Street to Mission Street, South Van Ness Avenue from Mission Street to Market Street and Van Ness Avenue from Market Street to Golden Gate Avenue. (See footnote 10)<br><br>Van Ness Avenue from Golden Gate Avenue to Lombard Street, a length of 2.16 miles<br><br>(See footnotes 5, 7, 8,9) | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | 34,800.00<br>1,200.00<br>126,739.00<br>0.00<br>36,000.00 |
|           |              |   | Total authorized, Route 101(b)           | \$ 198,739.00  |
| 101(c)    | 1.34         | Lombard Street from Van Ness Avenue to Richardson Street, along Richardson Street from Lombard Street to Lyon Street, a length of 1.34 miles<br><br>(See footnotes 6, 7, 8,9)   | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | 23,200.00<br>0.00<br>19,011<br>0.00<br>26,000.00         |
|           |              |   | Total authorized, Route 101(c)           | \$ 68,211.00   |

| Route No.                    | Length Miles | Description of Routing   | Program Delegated     | Maximum Annual Authorized Expenditure |
|------------------------------|--------------|--|-----------------------|---------------------------------------|
| 280                          | 9.03         | Southern Freeway from the San Mateo County Line at the St. Charles Avenue Overcrossing to the end of constructed freeway at Brannan Street, a length of 7.54 miles; also, freeway on and off-ramps from Mission Street to Route 80, a length of 0.76 mile, a total length of 9.03 miles.<br><br>(See footnote 8) | HM2C(R/W)<br><br>HM4K | 8,200.00<br><br>9,200.00              |
| Total authorized, Route 280  |              |  |                       | \$ 17,400.00                          |
| TOTAL AUTHORIZED EXPENDITURE |              |  |                       | \$ 827,468.00                         |

Footnotes:

1. Length of street to be cleaned – 18.6 curb miles.
2. Length of street to be cleaned - 4.0 curb miles.
3. Length of street to be cleaned - 4.7 curb miles.
4. Length of street to be cleaned - 0.4 curb miles.
5. Length of street to be cleaned - 10.8 curb miles.
6. Length of street to be cleaned - 5.4 curb miles.
7. CITY shall maintain sidewalks and shall be responsible for any costs therein.
8. CITY will maintain signals and safety lighting on CITY streets at freeway on and off-ramps. STATE will maintain safety lighting of intersections connected to STATE circuits. CITY and STATE will participate in maintenance costs as provided under Program HM4K.
9. Maintenance of landscape areas or other ornamental plantings in the median area will be performed by CITY at no expense to STATE.
10. Adopted as a State highway by California Transportation Commission (Resolution HRA 01-2, December 6, 2000).

## **B. MAINTENANCE PROGRAM FUNCTIONS:**

CITY shall perform only those maintenance functions delegated, as identified, in Section A (Delegation of Maintenance) of this Agreement. A brief description of those maintenance functions delegated to CITY are as follows, identified by STATE's HM Families (Program) codes.

### **HM1A FLEXIBLE ROADBEDS (Chapter A of STATE Maintenance Manual)**

This provides for patching, sealing and maintaining the surface and base courses of asphalt surfaced roadways including asphalt surfaced shoulders. The following problems are included:

1. Crack/ joint repair
2. Poor ride quality
3. Structural pavement failure
4. Potholes/ local depressions
5. Preventive maintenance
6. Miscellaneous

### **HM1B RIGID ROADBEDS (Chapter B of STATE Maintenance Manual)**

This provides for patching, sealing and repairing concrete roadbeds, approaches to bridges, and their appurtenant shoulders and foundations. The following problems are included:

1. Crack/ joint repair
2. Poor ride quality
3. Structural pavement failure
4. Bridge approach/ departure
5. Paved shoulder – preventive maintenance
6. Paved shoulder – repair
7. Miscellaneous

### **HM2C SLOPES/DRAINAGE/VEGETATION (Chapters C2 and C5 of STATE**

## Maintenance Manual)

This provides for cleaning, maintaining and repairing culverts, ditches, drains, structures, fences, curbs, sidewalks and other appurtenances between the roadbed and the outer highway right-of-way boundary line. It also includes weed and brush control by chemical, biological or mechanical methods, trimming and removal of trees and pest control. The following problems are included:

1. Unpaved shoulder management
2. Non-landscaped weed control
3. Non-landscaped tree/brush/vegetation
4. Fence repair
5. Drainage obstruction – ditch/ channel
6. Drainage obstruction – drains/ culverts
7. Drainage obstruction
8. Worn/damaged drainage facility
9. Miscellaneous

STATE will not pay for the maintenance of any sidewalks. CITY shall follow the same policy and procedures generally followed by it with respect to CITY sidewalks in the manner of requiring repairs and control of vegetation to be made by or at the expense of abutting property owners who are under legal obligation to perform such work.

## HM2C (R/W) SLOPES/DRAINAGE/VEGETATION (Chapter C2 of STATE Maintenance Manual)

### Right of Way lots

This provides for the maintenance of lots under and/or adjacent to freeways. There are different responsibilities depending on the type of use.

#### **A. Landscaping**

1. Prune
2. Edge
3. Weed
4. Weed Control (Spray)

#### **B. Trees**

1. Prune

## HM2D LITTER/DEBRIS (Chapters D1 and D5 of STATE Maintenance Manual)

This provides for removal of litter and debris from roadway surfaces and roadsides. The following problems are included:

1. Debris/carcass pickup
2. Sweeping
3. Litter pickup
4. Spills of non-toxic substances
5. Miscellaneous

## HM2D (R/W) LITTER/DEBRIS (Chapter D1 of STATE Maintenance Manual)

### Right of Way lots

This provides for weekly sweeping and removal of litter and debris from STATE occupied lots under and/or adjacent to these specified STATE freeways. STATE will not pay for services on CITY occupied or controlled lots under and/or adjacent to these State Highways.

## HM2E LANDSCAPING (Chapter E of STATE Maintenance Manual)

This provides for watering, fertilizing, removal of shrubs, and control of weeds in planted areas. Includes trimming, removal, and spraying of trees, replacement of plants, shrubs, and trees, and pest control in planted areas. The following problems are included:

1. Weed control
2. Pruning/thinning/removing/replacing
3. Irrigation

## HM4M TRAFFIC GUIDANCE (Chapters M1, M4 and M5 of STATE Maintenance Manual)

This provides for the repainting of traffic stripes and markings and the cleaning, removal, and replacement of raised pavement markers. Cleaning, replacement, and general maintenance of signs and supports, including support structures for overhead signs are included. Also, the repair, cleaning, and replacement of guideposts, markers, guardrails, and energy dissipators as well as the repair of median barriers and their appurtenances. The following problems are included:

1. Pavement stripings
2. Pavement markings
3. Raised pavement markings
4. Roadside markers
5. Guardrails
6. Median Barriers
7. Vehicle energy attenuators
8. Miscellaneous

## HM4K ELECTRICAL (Chapter K of STATE Maintenance Manual)

This includes maintenance work performed on highway electrical facilities including flashing beacons, traffic signals, traffic signal systems, safety lighting and sign lighting. It also includes the electrical energy for these items.

STATE will not pay for the maintenance, installation, repair, servicing, nor power for ordinary street lighting. However, lighting at intersections, which qualify as safety lighting under warrants approved/accepted by STATE, will be paid for when specifically authorized by the District Director. Where such lighting has been authorized, the maintenance and energy costs thereof shall be shared between STATE and CITY on a pro rata basis in the same ratio as the number of legs in the intersection under each jurisdiction bears to the total number of legs. The authorized lights are listed in Exhibit B.

The cost of maintaining traffic signals or other electrically operated traffic devices and safety lighting now in place or those which may hereafter be installed at the intersection of any State Highway route and any CITY street shall be shared between STATE and CITY on a pro rata basis in the same ratio as the number of legs in the intersection under

each jurisdiction bears to the total number of legs. The same principle of cost distribution shall apply to freeway interchanges.

The above does not apply if there is a separate Electrical Facility Cost Sharing Agreement in force.

**EXHIBIT B**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT EFFECTIVE JULY 2, 2009**

| Rte | PM   | Intersection                  | Rate | Equipment                                | Int or Pole No         | Units | % State | % City |
|-----|------|-------------------------------|------|--|------------------------|-------|---------|--------|
| 1   | 0.00 | Alemany-Junipero Serra        | SF   | 200W HP-Sodium                           | 153, 161E              | 1     | 66.67   | 33.33  |
| 1   | 0.10 | Alemany O/C                   | SF   | 70W HP-Sodium                            | 1-8                    | 8     | 100.00  | 0.00   |
| 1   | 0.18 | Palmetto-Alemany              | SF   | 150W HPS                                 | 401D, 402D             | 4     | 33.33   | 66.67  |
| 1   | 0.33 | Brotherhood Way               | SF   | 200W HP-Sodium                           | 132D,133E,142D,143D    | 7     | 50.00   | 50.00  |
| 1   | 0.43 | Font Blvd                     | SF   | 200W HP-Sodium                           | 131W, 132W             | 2     | 66.67   | 33.33  |
| 1   | 0.68 | Junipero Serra                | SF   | 200W HP-Sodium                           | 112D, 114D, 121D, 122D | 8     | 50.00   | 50.00  |
|     |      |                               | SF   | 250W HP-Sodium                           | 389D                   | 2     | 50.00   | 50.00  |
|     |      |                               |      | Signals-FT                               |                        |       | 50.00   | 50.00  |
| 1   | 0.88 | Crespi Dr                     | SF   | 250W HP-Sodium                           | 372D, 373D, 376E       | 5     | 66.67   | 33.33  |
|     |      |                               | SF   | 100W HP-Sodium                           | 02D                    | 2     | 66.67   | 33.33  |
|     |      |                               | SF   | 150W HP-Sodium                           | 145D                   | 2     | 50.00   | 50.00  |
|     |      |                               |      | Signals-FT                               |                        |       | 66.67   | 33.33  |
| 1   | 0.94 | Holloway Ave                  | SF   | 200W HP-Sodium                           | 151D                   | 2     | 50.00   | 50.00  |
|     |      |                               | SF   | 250W HP-Sodium                           | 368D, 371D             | 4     | 50.00   | 50.00  |
|     |      |                               |      | Signals-FT                               |                        |       | 50.00   | 50.00  |
| 1   | 1.35 | Winston Dr                    | SF   | 70W HP-Sodium                            | 21D                    | 2     | 50.00   | 50.00  |
|     |      |                               | SF   | 250W HP-Sodium                           | 327D, 331D             | 4     | 50.00   | 50.00  |
|     |      |                               |      | Signals-FT                               |                        |       | 50.00   | 50.00  |
| 1   | 1.55 | M St Car Track/Buckingham Way | SF   | 200W HP-Sodium                           | 322                    | 1     | 66.67   | 33.33  |
|     |      | extension                     |      | Signals-FT & Light [See<br>Footnote (a)] |                        |       | 66.67   | 33.33  |
| 1   | 1.66 | Eucalyptus Dr                 | SF   | 200W HP-Sodium                           | 305D, 311D             | 4     | 50.00   | 50.00  |
|     |      |                               | SF   | 100W HP-Sodium                           | 21, 22                 | 2     | 50.00   | 50.00  |
|     |      |                               |      | Signals-FT                               |                        |       | 50.00   | 50.00  |
| 1   | 1.74 | Ocean Ave                     | SF   | 200W HP-Sodium                           | 297D, 301D             | 4     | 50.00   | 50.00  |
|     |      |                               | SF   | 150W HPS                                 | 26/6                   | 1     | 50.00   | 50.00  |
|     |      |                               |      | Signals-FT                               |                        |       | 50.00   | 50.00  |
| 1   | 1.89 | Sloat Blvd                    | SF   | 200W HP-Sodium                           | 286D, 291D             | 4     | 75.00   | 25.00  |
|     |      |                               | SF   | 150W HP-Sodium                           | 23D, 31D               | 4     | 50.00   | 50.00  |
|     |      |                               |      | Signals-FT                               |                        |       | 75.00   | 25.00  |

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| Rte | PM   | Intersection | Rate | Equipment         | Int or Pole No            | Units | % State | % City |
|-----|------|--------------|------|-------------------|---------------------------|-------|---------|--------|
| 1   | 2.09 | Wawona St    | SF   | 100W HPS          | 264D, 271D, 81            | 5     | 66.67   | 33.33  |
|     |      |              |      | Signals-FT        |                           |       | 66.67   | 33.33  |
| 1   | 2.22 | Vicente St   | SF   | 100W HPS          | 254D, 261D, 74, 81        | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 2.36 | Ulloa St     | SF   | 100W HPS          | 244D, 251D, 172, 181      | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 2.50 | Taraval St   | SF   | 100W HPS          | 234D, 241D, 84, 91        | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 2.62 | Santiago St  | SF   | 100W HPS          | 224D, 231D, 72, 81        | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 2.75 | Rivera St    | SF   | 100W HPS          | 214D, 221D, 84, 91        | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 2.87 | Quintara St  | SF   | 100W HPS          | 204D, 211D, 92, 101       | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 3.01 | Pacheco St   | SF   | 100W HPS          | 194D, 201D, 142, 151      | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 3.14 | Ortega St    | SF   | 100W HPS          | 184D, 191D, 112, 116, 121 | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 3.27 | Noriega St   | SF   | 100W HPS          | 174D, 181D, 112A, 121A    | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 3.40 | Moraga St    | SF   | 100W HPS          | 164D, 171D, 124           | 5     | 66.67   | 33.33  |
|     |      |              |      | Signals-FT        |                           |       | 66.67   | 33.33  |
| 1   | 3.53 | Lawton St    | SF   | 100W HPS          | 154D, 161D, 124A, 131     | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 3.64 | Kirkham St   | SF   | 100W HPS          | 144D, 151D, 142, 151      | 6     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 3.79 | Judah St     | SF   | 100W HPS          | 134D, 141D                | 4     | 50.00   | 50.00  |
|     |      |              |      | SF 100W HP-Sodium | 135, 136, 141, 142        | 4     | 50.00   | 50.00  |
|     |      |              |      | Signals-FT        |                           |       | 50.00   | 50.00  |
| 1   | 3.93 | Irving St    | SF   | 100W HPS          | 124D, 131D, 174           | 5     | 50.00   | 50.00  |

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| Rte | PM   | Intersection  | Rate | Equipment      | Int or Pole No                 | Units | % State | % City |
|-----|------|---------------|------|----------------|--------------------------------|-------|---------|--------|
|     |      |               | SF   | 150W HP-Sodium | 173, 182                       | 2     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 4.05 | Lincoln Way   | SF   | 250W HP-Sodium | 55, 56                         | 2     | 50.00   | 50.00  |
|     |      |               | SF   | 150W HP-Sodium | 175, 186, 181, 182             | 4     | 50.00   | 50.00  |
|     |      |               | SF   | 100W HPS       | 121D                           | 2     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 4.09 | South Dr      | SF   | 250W HP-Sodium | 51, 52, 53, 54                 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 4.95 | 25th Ave      | SF   | 250W HP-Sodium | 21, 22, 23, 24, 37, 38         | 6     | 66.67   | 33.33  |
|     |      |               |      | Signals-FT     |                                |       | 66.67   | 33.33  |
| 1   | 5.00 | Fulton St     | SF   | 250W HP-Sodium | 01, 02                         | 2     | 50.00   | 50.00  |
|     |      |               | SF   | 100W HPS       | 74D                            | 2     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 5.13 | Cabrillo St   | SF   | 100W HPS       | 64D, 71D                       | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 5.25 | Balboa St     | SF   | 100W HPS       | 54D, 61D                       | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 5.38 | Anza St       | SF   | 100W HPS       | 44D, 51D                       | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 5.50 | Geary Blvd    | SF   | 100W HPS       | 34, 35                         | 2     | 50.00   | 50.00  |
|     |      |               | SF   | 200W HP-Sodium | 492D, 493D                     | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 5.63 | Clement St    | SF   | 100W HPS       | 24D, 31D                       | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 5.75 | California St | SF   | 100W HPS       | 14D, 21D                       | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 1   | 5.88 | Lake St       | SF   | 100W HPS       | 11D                            | 2     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT     |                                |       | 50.00   | 50.00  |
| 35  | 0.80 | John Muir Dr  | SF   | 200W HP-Sodium | 51, 52D, 54D, 56D, 58D, 72, 74 | 11    | 66.67   | 33.33  |
| 35  | 1.26 | Great Highway | SF   | 150W HP-Sodium | 41, 42, 36                     | 3     | 66.67   | 33.33  |

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| Rte | PM   | Intersection                                  | Rate | Equipment                 | Int or Pole No            | Units | % State | % City |
|-----|------|---|------|---------------------------|---------------------------|-------|---------|--------|
| 35  | 1.37 | Harding Blvd                                  | SF   | 150W HP-Sodium            | 32, 31W, 01               | 3     | 66.67   | 33.33  |
| 35  | 1.73 | Zoo-Lake Merced Blvd, see Footnote (c)        | SF   | 150W HP-Sodium, Sigals-TA | 11, 13, 16                | 3     | 50.00   | 50.00  |
| 35  | 1.83 | Sloat-Skyline Conn                            | SF   | 150W HP-Sodium            | 12, 14                    | 2     | 66.67   | 33.33  |
| 35  | 1.99 | 39th Ave/Skyline Blvd                         | SF   | 150W HP-Sodium            | 211,213,01D,03D,203N,205N | 8     | 66.67   | 33.33  |
| 35  | 2.06 | Sunset Blvd Ramps                             | SF   | 150W HP-Sodium            | 175, 177, 191             | 3     | 50.00   | 50.00  |
| 35  | 2.25 | 34th Ave/Clearfield Dr [See Footnote (a)]     | SF   | 200W HPS                  |                           | 4     | 50.00   | 50.00  |
|     |      |   |      | Signals-TA                |                           |       | 50.00   | 50.00  |
| 35  | 2.32 | Lakeshore Plaza/Sloat Blvd [See Footnote (a)] | SF   | 200W HP Sodium            |                           | 3     | 66.67   | 33.33  |
|     |      |   |      | Signals-TA                |                           |       | 66.67   | 33.33  |
| 35  | 2.39 | Constanso/ Everglade Dr                       | SF   | 150W HP-Sodium            | 142, 151                  | 2     | 50.00   | 50.00  |
| 35  | 2.56 | Mirasol Place                                 | SF   | 150W HP-Sodium            | 128D, 131D                | 4     | 66.67   | 33.33  |
| 35  | 2.67 | Forestview Dr                                 | SF   | 150W HP-Sodium            | 112D, 121D                | 4     | 66.67   | 33.33  |
| 35  | 2.78 | 26th Ave                                      | SF   | 150W HP-Sodium            | 92D, 101D                 | 4     | 66.67   | 33.33  |
| 35  | 2.93 | 23rd Ave/ Crestlake Dr                        | SF   | 150W HP-Sodium            | 72S, 71D, 64D, 63N        | 6     | 50.00   | 50.00  |
| 35  | 3.06 | 21st Ave                                      | SF   | 150W HP-Sodium            | 42D, 51D, 41N             | 5     | 66.67   | 33.33  |
| 35  | 3.16 | 19th Ave                                      | SF   | 150W HP-Sodium            | 32N                       | 1     | 75.00   | 25.00  |
| 80  | 4.39 | 7th St/Bryant St Ramp                         | SF   | 200W HPS                  | 814                       | 1     | 20.00   | 80.00  |
|     |      |   | SF   | 200W HP-Sodium            | 46, 48                    | 2     | 20.00   | 80.00  |
|     |      |   |      | Signals-FT                |                           |       | 20.00   | 80.00  |
| 80  | 4.40 | 7th St near Bryant St                         | SF   | 200W HP-Sodium            | 41, 43, 45                | 3     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT                |                           |       | 20.00   | 80.00  |
| 80  | 4.49 | 8th St/Bryant St Ramp                         | SF   | 200W HPS                  | 96                        | 1     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT                |                           |       | 20.00   | 80.00  |
| 80  | 4.51 | 8th St/Harrison St Ramp                       | SF   | 250W HP-Sodium            | 115, 122, 35, 42          | 4     | 20.00   | 80.00  |
|     |      |   |      | Signals-FT                |                           |       | 20.00   | 80.00  |
| 80  | 4.52 | 8th St near Harrison St                       | SF   | 200W HPS                  | 43, 44                    | 2     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT                |                           |       | 20.00   | 80.00  |
| 80  | 4.51 | 7th St/Harrison St Ramp                       | SF   | 250W HP-Sodium            | 37, 42, 107, 112          | 4     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT                |                           |       | 20.00   | 80.00  |

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| Rte | PM   | Intersection                | Rate | Equipment      | Int or Pole No          | Units | % State | % City |
|-----|------|-----------------------------|------|----------------|-------------------------|-------|---------|--------|
| 80  | 4.91 | 5th St/Harrison St Ramp     | SF   | 150W HPS       | 814                     | 3     | 20.00   | 80.00  |
|     |      |                             | SF   | 200W HP Sodium | 36, 41                  | 2     | 20.00   | 80.00  |
|     |      |                             | SF   | 250W HP-Sodium | 42                      | 1     | 20.00   | 80.00  |
|     |      |                             |      | Signals-FT     |                         |       | 20.00   | 80.00  |
| 80  | 4.92 | 4th St/Harrison St Ramp     | SF   | 250W HP-Sodium | 33                      | 1     | 20.00   | 80.00  |
|     |      |                             | SF   | 150W HPS       | 82                      | 1     | 20.00   | 80.00  |
|     |      |                             |      | Signals-FT     |                         |       | 20.00   | 80.00  |
| 80  | 4.93 | 4th St/Bryant St Ramp       | SF   | 150W HP-Sodium | 52, 55, 413, 416, 62    | 5     | 20.00   | 80.00  |
|     |      |                             |      | Signals-FT     |                         |       | 20.00   | 80.00  |
| 80  | 5.04 | Bryant-Sterling St Ramp     | SF   | 175W MV Lights | 33                      | 1     | 25.00   | 75.00  |
| 80  | 5.05 | 5th St/ Bryant St Ramp      | SF   | 200W HP-Sodium | 47, 51, 410, 71         | 4     | 20.00   | 80.00  |
|     |      |                             | SF   | 150W HP-Sodium | 67                      | 1     | 20.00   | 80.00  |
| 80  | 5.54 | Harrison-Essex St On-Ramp   | SF   | 150W HP-Sodium | 55, 53                  | 2     | 25.00   | 75.00  |
|     |      |                             |      | Signals-FT     |                         |       | 25.00   | 75.00  |
| 80  | 5.56 | 1st-Harrison St Ramp        | SF   | 150W HP-Sodium | 41, 43, 52              | 3     | 25.00   | 75.00  |
|     |      |                             |      | Signals-FT     |                         |       | 25.00   | 75.00  |
| 80  | 5.58 | Fremont-Harrison St Ramp    | SF   | 100W HPS       | 33, 42                  | 2     | 25      | 75.00  |
|     |      |                             | SF   | 200W HP Sodium | 35                      | 1     | 25      | 75.00  |
|     |      |                             |      | Signals-FT     |                         |       | 25      | 75.00  |
| 82  | 0.04 | Goethe St                   | SF   | 150W HP-Sodium | 321                     | 1     | 50.00   | 50.00  |
| 82  | 0.08 | Rice Ave                    | SF   | 150W HP-Sodium | 315                     | 1     | 50.00   | 50.00  |
| 82  | 0.13 | Liebig-De Long St           | SF   | 150W HP-Sodium | 311                     | 1     | 50.00   | 50.00  |
| 82  | 0.16 | Alemany Blvd - San Jose Ave | SF   | 150W HP-Sodium | 315D, 318, 3010         | 4     | 44.44   | 55.56  |
|     |      |                             | SF   | 150W HP-Sodium | 309D, 3011D             | 4     | 44.44   | 55.56  |
| 82  | 0.17 | Sagamore-Sickles            | SF   | 150W HP-Sodium | 12D, 294D, 11, 02, 292D | 8     | 28.57   | 71.43  |
| 82  | 0.20 | Sadowa Off-Ramp             | SF   | 250W MV Lights | 292                     | 1     | 50.00   | 50.00  |
| 101 | 0.56 | Bayshore Blvd NB Ramp       | SF   | 200W HP-Sodium | 192                     | 1     | 33.33   | 66.67  |
| 101 | 0.57 | 3rd St NB Ramp              | SF   | 150W HP-Sodium | 674                     | 1     | 33.00   | 67.00  |
| 101 | 0.69 | Bayshore Blvd NB Ramp       | SF   | 200W HP-Sodium | 184                     | 1     | 50.00   | 50.00  |
| 101 | 0.84 | 3rd St Ramp Merges          | SF   | 100W HP-Sodium | 19, 20                  | 2     | 50.00   | 50.00  |

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|-----|------|----------------------------------|------|------------------|------------------|-------|---------|--------|
| 101 | 1.04 | Paul Ave                         | SF   | 400W MV Lights   | 315              | 1     | 33.33   | 66.67  |
| 101 | 1.76 | Silver Ave Ramps                 | SF   | 400W MV Lights   | 246              | 1     | 40.00   | 60.00  |
| 101 | 1.77 | Bayshore Blvd NB Ramp            | SF   | 250W HP-Sodium   | 93, 101          | 2     | 50.00   | 50.00  |
| 101 | 2.02 | Alemany Circle SB Ramp           | SF   | 400W HPS         | 0/14             | 1     | 50.00   | 50.00  |
| 101 | 2.16 | Alemany Circle NB Ramp           | SF   | 150W HP-Sodium   | 0/13             | 1     | 50.00   | 50.00  |
| 101 | 2.17 | Bayshore-Jerrold NB Ramp         | SF   | 200W HP-Sodium   | 01, 03           | 2     | 33.33   | 66.67  |
| 101 | 4.01 | Vermont-Mariposa Ramp            | SF   | 175W MV Lights   | 51, 212          | 2     | 25.00   | 75.00  |
| 101 | 4.24 | 10th St/Bryant Ramp              | SF   | 200W HPS         | 410, 52          | 2     | 20.00   | 80.00  |
| 101 | 4.54 | 9th St/Bryant Ramp               | SF   | 200W HPS         | 48, 51, 106, 111 | 4     | 20.00   | 80.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 20.00   | 80.00  |
| 101 | 5.10 | So. Van Ness Ramp/Division St    | SF   | 6000L Inc Lights | 24               | 1     | 50.00   | 50.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 20.00   | 80.00  |
| 101 | 5.20 | Mission/Otis/Duboce Ramp         | SF   | 150W HPS         | 19D, 1615, 168   | 4     | 16.67   | 83.33  |
|     |      |                                  |      | Signals-FT       |                  |       | 20.00   | 80.00  |
| 101 | 5.50 | Octavia St/Market St Ramp        | SF   | Lights           |                  |       | 25.00   | 75.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 25.00   | 75.00  |
| 101 |      | So. Van Ness/Mission St (b)      | SF   | Lights           |                  |       | 50.00   | 50.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 50.00   | 50.00  |
| 101 |      | Market St/South Van Ness Ave (b) | SF   | Lights           |                  |       | 50.00   | 50.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 50.00   | 50.00  |
| 101 |      | Fell St (b)                      | SF   | Lights           |                  |       | 50.00   | 50.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 50.00   | 50.00  |
| 101 |      | Hayes St (b)                     | SF   | Lights           |                  |       | 50.00   | 50.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 50.00   | 50.00  |
| 101 |      | Grove St (b)                     | SF   | Lights           |                  |       | 50.00   | 50.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 50.00   | 50.00  |
| 101 |      | McAllister St (b)                | SF   | Lights           |                  |       | 50.00   | 50.00  |
|     |      |                                  |      | Signals-FT       |                  |       | 50.00   | 50.00  |
| 101 | 5.26 | Golden Gate Ave                  | SF   | 6000L Inc Lights | 61, 62           | 3     | 50.00   | 50.00  |
|     |      |                                  | SF   | 6000L Inc Lights | 57               | 0     | 50.00   | 50.00  |

**EXHIBIT B**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT EFFECTIVE JULY 2, 2009**

| Rte | PM   | Intersection  | Rate | Equipment        | Int or Pole No     | Units | % State | % City |
|-----|------|---------------|------|------------------|--------------------|-------|---------|--------|
|     |      |               | SF   | 200W HP-Sodium   | 58                 | 1     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.35 | Turk St       | SF   | 6000L Inc Lights | 67, 68, 71, 72     | 4     | 75.00   | 25.00  |
|     |      |               |      | Signals-FT       |                    |       | 75.00   | 25.00  |
| 101 | 5.42 | Eddy St       | SF   | 6000L Inc Lights | 77, 78, 81, 82     | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.48 | Ellis St      | SF   | 6000L Inc Lights | 67, 91, 88, 92     | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.55 | O'Farrell St  | SF   | 6000L Inc Lights | 97, 101, 98, 102   | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.61 | Geary St      | SF   | 6000L Inc Lights | 107, 108, 111, 112 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.67 | Post St       | SF   | 6000L Inc Lights | 117, 118, 121, 122 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.74 | Sutter St     | SF   | 6000L Inc Lights | 127, 128, 131, 132 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.80 | Bush St       | SF   | 6000L Inc Lights | 137, 138, 141, 142 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.87 | Pine St       | SF   | 6000L Inc Lights | 147, 148, 151, 152 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 5.94 | California St | SF   | 6000L Inc Lights | 157, 158, 161, 162 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.00 | Sacramento St | SF   | 6000L Inc Lights | 167, 168, 171, 172 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.06 | Clay St       | SF   | 6000L Inc Lights | 177, 178, 181, 182 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.13 | Washington St | SF   | 6000L Inc Lights | 187, 188, 191, 192 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.19 | Jackson St    | SF   | 6000L Inc Lights | 197, 198, 201, 202 | 4     | 50.00   | 50.00  |
|     |      |               |      | Signals-FT       |                    |       | 50.00   | 50.00  |

**EXHIBIT B**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT EFFECTIVE JULY 2, 2009**

| Rte | PM   | Intersection            | Rate | Equipment        | Int or Pole No     | Units | % State | % City |
|-----|------|-------------------------|------|------------------|--------------------|-------|---------|--------|
| 101 | 6.25 | Pacific St              | SF   | 6000L Inc Lights | 207, 208, 211, 212 | 4     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.32 | Broadway St             | SF   | 6000L Inc Lights | 217, 218, 222, 231 | 4     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.38 | Vallejo St              | SF   | 6000L Inc Lights | 227, 228, 231, 232 | 4     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.45 | Green St                | SF   | 6000L Inc Lights | 237, 238, 241, 242 | 4     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.51 | Union St                | SF   | 6000L Inc Lights | 247, 248, 251, 252 | 4     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.58 | Filbert St              | SF   | 6000L Inc Lights | 257, 258, 261, 262 | 4     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.64 | Greenwich St            | SF   | 6000L Inc Lights | 267, 268, 271, 272 | 4     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.71 | Lombard St/Van Ness Ave | SF   | 6000L Inc Lights | 277, 278, 281, 282 | 4     | 50.00   | 50.00  |
|     |      |                         | SF   | 150W HP-Sodium   | 141,142            | 2     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.80 | Franklin St             | SF   | 150W HP-Sodium   | 145D, 151D         | 4     | 50.00   | 50.00  |
|     |      |                         | SF   | 200W HP-Sodium   | 284, 291           | 2     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.89 | Gough St                | SF   | 150W HP-Sodium   | 154D, 161D         | 4     | 50.00   | 50.00  |
|     |      |                         | SF   | 100W HP-Sodium   | 292, 301           | 2     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 6.97 | Octavia St              | SF   | 150W HP-Sodium   | 164D, 171D         | 4     | 50.00   | 50.00  |
|     |      |                         | SF   | 70W HP-Sodium    | 304, 311           | 2     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 7.06 | Laguna St               | SF   | 150W HP-Sodium   | 174D, 181D         | 4     | 50.00   | 50.00  |
|     |      |                         | SF   | 70W HP-Sodium    | 321, 312           | 2     | 50.00   | 50.00  |
|     |      |                         |      | Signals-FT       |                    |       | 50.00   | 50.00  |
| 101 | 7.15 | Buchanan St             | SF   | 150W HP-Sodium   | 184D, 191D         | 4     | 50.00   | 50.00  |

**EXHIBIT B**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT EFFECTIVE JULY 2, 2009**

| Rte | PM   | Intersection           | Rate | Equipment      | Int or Pole No     | Units | % State | % City |
|-----|------|------------------------|------|----------------|--------------------|-------|---------|--------|
|     |      |                        | SF   | 70W HP-Sodium  | 331, 324           | 2     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.24 | Webster St             | SF   | 150W HP-Sodium | 194D, 201D, 314    | 5     | 50.00   | 50.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 321                | 1     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.33 | Fillmore St            | SF   | 150W HP-Sodium | 204D, 211D         | 4     | 50.00   | 50.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 332, 326           | 2     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.42 | Steiner St             | SF   | 150W HP-Sodium | 214D, 221D         | 4     | 50.00   | 50.00  |
|     |      |                        | SF   | 100W HP-Sodium | 324                | 1     | 50.00   | 50.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 332                | 1     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.51 | Pierce St              | SF   | 150W HP-Sodium | 224D, 231D         | 4     | 50.00   | 50.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 314, 321           | 2     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.60 | Scott St               | SF   | 150W HP-Sodium | 234D, 241D         | 4     | 50.00   | 50.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 312, 321           | 2     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.69 | Divisadero St          | SF   | 150W HP-Sodium | 244D, 251D         | 4     | 50.00   | 50.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 312, 321           | 2     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.78 | Broderick St           | SF   | 150W HP-Sodium | 254D, 261D         | 4     | 50.00   | 50.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 302, 311           | 2     | 50.00   | 50.00  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.81 | Lombard-Richardson Ave | SF   | 150W HP-Sodium | 01D                | 2     | 66.67   | 33.33  |
|     |      |                        | SF   | 70W HP-Sodium  | 263, 267           | 2     | 66.67   | 33.33  |
|     |      |                        |      | Signals-FT     |                    |       | 50.00   | 50.00  |
| 101 | 7.89 | Chestnut-Baker St      | SF   | 150W HP-Sodium | 04D, 11D           | 4     | 40.00   | 60.00  |
|     |      |                        | SF   | 70W HP-Sodium  | 253, 256, 262, 301 | 4     | 40.00   | 60.00  |
|     |      |                        |      | Signals-FT     |                    |       | 33.33   | 66.67  |

**EXHIBIT B**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT EFFECTIVE JULY 2, 2009**

| Rte | PM   | Intersection                 | Rate | Equipment               | Int or Pole No        | Units | % State | % City |
|-----|------|------------------------------|------|-------------------------|-----------------------|-------|---------|--------|
| 101 | 7.9  | Baker St - east              | SF   | 70W HP-Sodium           | 312, 313              | 2     | 66.67   | 33.33  |
|     |      |                              | SF   | 150W HP-Sodium          | 12E                   | 1     | 66.67   | 33.33  |
| 101 | 8.01 | Francisco St                 | SF   | 150W HP-Sodium          | 14D, 21D              | 4     | 50.00   | 50.00  |
|     |      |                              | SF   | 70W HP-Sodium           | 251, 254, 256         | 3     | 50.00   | 50.00  |
|     |      |                              |      | Signals-FT              |                       |       | 50.00   | 50.00  |
| 101 | 8.05 | Lyon St - west               | SF   | 150W HP-Sodium          | 23W                   | 1     | 66.67   | 33.33  |
|     |      |                              | SF   | 70W HP-Sodium           | 321                   | 1     | 66.67   | 33.33  |
| 101 | 8.06 | Lyon St - east               | SF   | 150W HP-Sodium          | 23E                   | 1     | 66.67   | 33.33  |
|     |      |                              | SF   | 70W HP-Sodium           | 322                   | 1     | 66.67   | 33.33  |
| 280 | 1.55 | Geneva Ave NB Ramp           | SF   | 200W HP-Sodium          | 31, 42                | 2     | 50.00   | 50.00  |
| 280 | 1.56 | Geneva Ave SB Ramp           | SF   | 200W HP-Sodium          | 23, 24, 25, 32        | 4     | 50.00   | 50.00  |
| 280 | 1.83 | Ocean Ave SB Ramp            | SF   | 150W HP-Sodium, Signals | 612, 610D             | 3     | 33.33   | 66.67  |
| 280 | 1.85 | Ocean Ave NB Ramp            | SF   | 150W HP-Sodium, Signals | 62, 64                | 2     | 33.33   | 66.67  |
| 280 | 2.56 | San Jose Ave/Bosworth St Off | SF   | 150W HP-Sodium          | 14/7D, 14/5           | 3     | 50.00   | 50.00  |
| 280 | 2.57 | San Jose Ave/Bosworth St On  | SF   | 150W HP-Sodium          | 152D, D412 1412       | 3     | 50.00   | 50.00  |
| 280 | 2.60 | Monterey Blvd Ramps          | SF   | 150W HP-Sodium          | 01, 03, 011, 012S, 09 | 5     | 40.00   | 60.00  |
|     |      |                              |      | Signals-FT              |                       |       | 25.00   | 75.00  |
| 280 | 3.11 | Alemany/Trumbull Ramp        | SF   | 250W MV                 | 85, 87                | 2     | 50.00   | 50.00  |
| 280 | 3.22 | Alemany near Ped O/C         | SF   | 250W MV                 | 8/2, 8/4              | 2     | 50.00   | 50.00  |
| 280 | 3.44 | Alemany /Ellsworth Ramp      | SF   | 250W MV                 | 64                    | 1     | 50.00   | 50.00  |
| 280 | 3.52 | Alemany Ramp north O/C       | SF   | 250W MV                 | 6/2, 7/1              | 2     | 50.00   | 50.00  |
| 280 | 3.75 | Alemany/Crescent Ramp        | SF   | 250W MV                 | 2/1, 1/13             | 2     | 25.00   | 75.00  |
|     |      |                              | SF   | 250W MV                 | 2/4, 2/2              | 2     | 25.00   | 75.00  |
|     |      |                              |      | Signals-FT              |                       |       | 25.00   | 75.00  |
| 280 | 5.62 | Cesar Chavez-Pennsylvania    | SF   | 400W MV Lights          | 151                   | 1     | 25.00   | 75.00  |
|     |      |                              |      | Signals-FT              |                       |       | 25.00   | 75.00  |
| 280 | 6.04 | Pennsylvania Ave SB Ramp     | SF   | 70W HP-Sodium           | 101, 103              | 2     | 33.33   | 66.67  |
| 280 | 6.51 | Mariposa St Off-Ramp         | SF   | 100W HP-Sodium          | 81                    | 1     | 33.33   | 66.67  |
| 280 | 6.52 | Mariposa St On-Ramp          | SF   | 150W HPS                | 92                    | 1     | 33.33   | 66.67  |
| 280 | 6.64 | 18th St NB Ramp              | SF   | 100W HP-Sodium          | 92, 93                | 2     | 33.33   | 66.67  |

**EXHIBIT B**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT EFFECTIVE JULY 2, 2009**

| Rte | PM   | Intersection      | Rate | Equipment      | Int or Pole No | Units | % State | % City |
|-----|------|-------------------|------|----------------|----------------|-------|---------|--------|
| 280 | 6.69 | 18th St SB Ramp   | SF   | 100W HP-Sodium | 101, 102       | 2     | 33.33   | 66.67  |
| 280 | 7.22 | 6th St/Brannan St | SF   | 150W HP-Sodium | 62, 72, 55, 69 | 4     | 25.00   | 75.00  |
|     |      |                   |      | Signals-FT     |                |       | 25.00   | 75.00  |
| 280 | 7.50 | 5th St/King St    | SF   | Lights         |                | 4     | 33.33   | 66.67  |
|     |      |                   |      | Signals-FT     |                |       | 33.33   | 66.67  |

FOOTNOTE

- (a) STATE maintained facility to be transferred to CITY maintenance upon written acceptance by CITY of modifications.
- (b) Adopted as State Highway per CTC Resolution HRA 01-2, December 6, 2000.
- (c) Signals were installed by STATE via EA 04-1A4304 (2009). STATE will maintain signals until requested and transferred to CITY for maintenance.



**City and County of San Francisco  
Office of the Clerk of  
BOARD OF SUPERVISORS**

City Hall  
1 Dr. Carlton B. Goodlett Place  
San Francisco, CA 94102-4689

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Your attention is hereby directed to the following:

I, Angela Calvillo, Clerk of the Board of the City and County of San Francisco, California do hereby certify that the annexed Resolution No. 209-09 is a full, true and correct copy of the original thereof on file in this office.

IN WITNESS, WHEREOF, I have hereunto set my hand and affixed the official seal of the City and County of San Francisco, California this 19th day of June, A.D., 2009.

Angela Calvillo  
Clerk of the Board  
City and County of San Francisco

By Angela Calvillo

1 [Maintenance Agreement with Caltrans for various locations throughout the City.]

2

3 Resolution approving a Maintenance Agreement between the City and County of San

4 Francisco and the State of California Department of Transportation (Caltrans)

5 concerning maintenance work to be performed by the City in the State right-of-way at

6 Junipero Serra Boulevard, Nineteenth Avenue, Cross-Over Drive, By-Pass Drive, Park

7 Presidio Boulevard, Skyline Boulevard, Sloat Boulevard, James Lick Freeway, San

8 Jose Avenue, Bayshore Freeway, Central Freeway, Mission Street, South Van Ness

9 Avenue, Van Ness Avenue, Lombard Street, Richardson Street, Southern Freeway and

10 ratifying certain actions in connection with this Resolution.

11

12 WHEREAS, The City and County of San Francisco ("City") and State of California

13 Department of Transportation ("Caltrans") on July 25, 1990 entered into an agreement for the

14 City to perform maintenance works in the State Highways in the City and County of San

15 Francisco; and,

16 WHEREAS, The City and Caltrans agree that due to various changes to the State

17 Highway routes in the City and that the previous amount of reimbursement to the City had not

18 been adjusted to account for inflation, the City and Caltrans feel that a new Maintenance

19 Agreement is warranted at this time; and,

20 WHEREAS, San Francisco and Caltrans desire to effectuate this Agreement governing

21 the applicable terms and conditions; and,

22 WHEREAS, This Maintenance Agreement shall supersede all previous Agreements or

23 amendments thereto, for the following locations: in the State right-of-way at Junipero Serra

24 Boulevard, Nineteenth Avenue, Cross-Over Drive, By-Pass Drive, Park Presidio Boulevard,

25 Skyline Boulevard, Sloat Boulevard, James Lick Freeway, San Jose Avenue, Bayshore

1 Freeway, Central Freeway, Mission Street, South Van Ness Avenue, Van Ness Avenue,  
2 Lombard Street, Richardson Street, Southern Freeway. Said Agreement also delineates the  
3 work that the City will perform and that level of State reimbursement. Said Agreement is on file  
4 with the Clerk of the Board of Supervisors in File No. 090630, and is hereby incorporated by  
5 reference as though full set forth herein; and,

6 WHEREAS, The Department of Public Works and Caltrans have reviewed and  
7 approved this Maintenance Agreement which covers the following areas: in the State right-of-  
8 way at Junipero Serra Boulevard, Nineteenth Avenue, Cross-Over Drive, By-Pass Drive, Park  
9 Presidio Boulevard, Skyline Boulevard, Sloat Boulevard, James Lick Freeway, San Jose  
10 Avenue, Bayshore Freeway, Central Freeway, Mission Street, South Van Ness Avenue, Van  
11 Ness Avenue, Lombard Street, Richardson Street, Southern Freeway; and,

12 WHEREAS, The Department of Public Works in DPW Order No. 178,169, which is on  
13 file with the Clerk of the Board of Supervisors in File No. 090630, has recommended  
14 that this Board approve the Maintenance Agreement; now, therefore, be it

15 RESOLVED, That the Board of Supervisors accepts and approves DPW Order No.  
16 178,169 and the Maintenance Agreement; and, be it

17 FURTHER RESOLVED, That this Board directs the Clerk to send four (4) certified  
18 copies of this Resolution to Caltrans at an address to be provided by the Director of the  
19 Department of Public Works; and, be it

20 FURTHER RESOLVED, That this Board hereby approves, confirms, and ratifies all  
21 actions heretofore taken by the officers of the City with respect to such Maintenance  
22 Agreement, and authorizes and directs the Clerk of the Board and the Director of the  
23 Department of Public Works to take any and all actions which they or the City Attorney may  
24 deem necessary or advisable in order to effectuate the purpose and intent of this Resolution.



**City and County of San Francisco**  
**Tails**  
**Resolution**

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City Hall  
1 Dr. Carlton B. Goodlett Place  
San Francisco, CA 94102-4689

**File Number:** 090630

**Date Passed:**

Resolution approving a Maintenance Agreement between the City and County of San Francisco and the State of California Department of Transportation (Caltrans) concerning maintenance work to be performed by the City in the State right-of-way at Junipero Serra Boulevard, Nineteenth Avenue, Cross-Over Drive, By-Pass Drive, Park Presidio Boulevard, Skyline Boulevard, Sloat Boulevard, James Lick Freeway, San Jose Avenue, Bayshore Freeway, Central Freeway, Mission Street, South Van Ness Avenue, Van Ness Avenue, Lombard Street, Richardson Street, Southern Freeway and ratifying certain actions in connection with this Resolution.

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June 9, 2009 Board of Supervisors — ADOPTED

Ayes: 11 - Alioto-Pier, Avalos, Campos, Chiu, Chu, Daly, Dufty, Elsbernd, Mar, Maxwell, Mirkarimi

File No. 090630

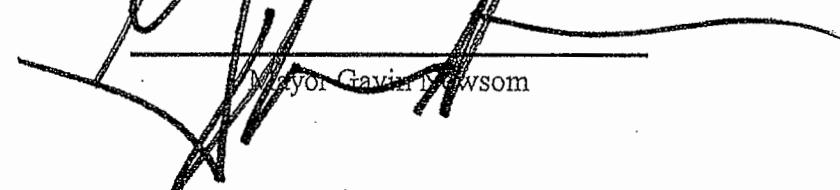
I hereby certify that the foregoing Resolution  
was ADOPTED on June 9, 2009 by the Board  
of Supervisors of the City and County of San  
Francisco.



Angela Calvillo  
Clerk of the Board

6/9/09

Date Approved

  
Mayor Gavin Newsom

File No. 090630

**AMENDMENT NUMBER 1 TO  
AGREEMENT FOR MAINTENANCE OF STATE HIGHWAYS  
IN THE CITY OF SAN FRANCISCO**

This Amendment Number 1 ("AMENDMENT") to the Agreement for Maintenance of State Highways in the City of San Francisco ("AGREEMENT") is made and entered into by and between the State of California, acting by and through the Department of Transportation, hereinafter referred to as "STATE," and the City and County of San Francisco, hereinafter referred to as "CITY". CITY and STATE together are hereinafter referred as "PARTIES".

**WITNESSTH:**

WHEREAS, the AGREEMENT was executed on July 2, 2009, between STATE and CITY, hereunder CITY provides services relating to maintenance of State Highways in the CITY; and

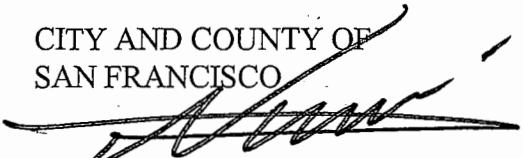
WHEREAS, CITY now desires to install 19<sup>th</sup> Avenue Streetscape Improvements on STATE Route 1 from Junipero Serra Boulevard to Lincoln Way, consisting of median landscaping ("MEDIAN LANDSCAPING") for traffic calming, safety and comfort; and

WHEREAS, PARTIES agree to amend AGREEMENT to specify the maintenance responsibility for MEDIAN LANDSCAPING.

NOW, THEREFORE, THE PARTIES AGREE TO AMEND AGREEMENT AS FOLLOWS:

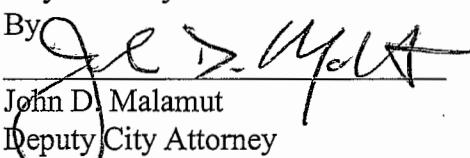
1. The attached Page 5 dated 10/27, 2011 and noted as Amendment No.1 shall cancel and supersede the like numbered page in AGREEMENT and become a part of AGREEMENT for all purposes. In all other respects, AGREEMENT shall remain in full force and effect.
2. This Amendment No. 1 to AGREEMENT shall become effective on 10/27/2011, and shall remain in full force and effect until amended or terminated as provided in Section XIII of AGREEMENT.

CITY AND COUNTY OF  
SAN FRANCISCO

  
Mohammed Nuru  
Interim Director of Public Works

Approved as to form:

DENNIS J. HERRERA  
City Attorney

By   
John D. Malamut  
Deputy City Attorney

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

MALCOLM DOUGHERTY  
Acting Director of Transportation

By

  
NADER ESHGHIPOUR  
Deputy District Director  
Maintenance

10/27/11  
Date

**EXHIBIT "A"**

**A. DELEGATION OF MAINTENANCE**

The specific maintenance function indicated below (and on "EXHIBIT B and C") is hereby delegated to CITY. This delegation of maintenance function set forth herein does not include the control and maintenance areas and functions which rest with CITY under the terms of other executed Freeway Agreements and/or Freeway Maintenance Agreements.

*Superseded  
by Amendment  
No. 1*

| Route No. | Length Miles | Description of Routing   | Program Delegated                        | Maximum Annual Authorized Expenditure                                  |
|-----------|--------------|--|--|--|
| 1(a)      | 5.93         | Junipero Serra Boulevard, from south city limits near Interstate 280 Interchange to Nineteenth Avenue; along Nineteenth Avenue from Junipero Serra Boulevard to Cross-Over Drive; along Cross-Over Drive from Nineteenth Avenue to By-Pass Drive; along By-Pass Drive from Cross-Over Drive to Park Presidio Boulevard; along Park Presidio Boulevard from By-Pass Drive to Lake Street, a total length of 5.93 miles. | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | \$ 92,900.00<br>2,300.00<br><b>69,707.00</b><br>10,500.00<br>62,000.00 |
|           |              | (See footnotes 1, 7, 8)  |  | Total authorized, Route 1(a) \$ <b>237,407.00</b>                      |
| 1(b)      | 1.44         | Park Presidio Boulevard from Lake Street to Golden Gate Bridge approach, a total length of 1.44 miles.   | None                                     | 0.00   |
|           |              |  |  | Total authorized, Route 1(b) \$ 0.00                                   |
| 35(a)     | 2.00         | Skyline Boulevard, from south city limits to Sloat Boulevard, a total length of 2.00 miles.  | HM2D<br>HM4K                             | <b>7,921.00</b><br>3,500.00  |
|           |              | (See footnotes 2, 8)   |  | Total authorized, Route 35(a) \$ <b>11,421.00</b>                      |

**AMENDMENT NUMBER 1 TO  
AGREEMENT FOR MAINTENANCE OF STATE HIGHWAYS  
IN THE CITY OF SAN FRANCISCO**

This Amendment Number 1 ("AMENDMENT") to the Agreement for Maintenance of State Highways in the City of San Francisco ("AGREEMENT") is made and entered into by and between the State of California, acting by and through the Department of Transportation, hereinafter referred to as "STATE," and the City and County of San Francisco, hereinafter referred to as "CITY". CITY and STATE together are hereinafter referred as "PARTIES".

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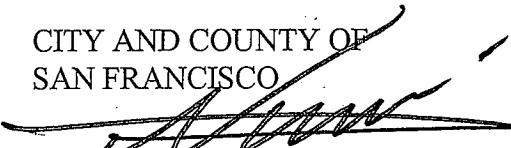
WHEREAS, CITY now desires to install 19<sup>th</sup> Avenue Streetscape Improvements on STATE Route 1 from Junipero Serra Boulevard to Lincoln Way, consisting of median landscaping ("MEDIAN LANDSCAPING") for traffic calming, safety and comfort; and

WHEREAS, PARTIES agree to amend AGREEMENT to specify the maintenance responsibility for MEDIAN LANDSCAPING.

NOW, THEREFORE, THE PARTIES AGREE TO AMEND AGREEMENT AS FOLLOWS:

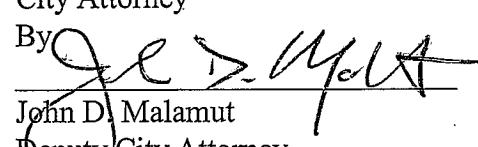
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2. This Amendment No. 1 to AGREEMENT shall become effective on 10/27/2011, and shall remain in full force and effect until amended or terminated as provided in Section XIII of AGREEMENT.

CITY AND COUNTY OF  
SAN FRANCISCO

  
Mohammed Nuru  
Interim Director of Public Works

Approved as to form:

DENNIS J. HERRERA  
City Attorney

By   
John D. Malamut  
Deputy City Attorney

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

MALCOLM DOUGHERTY  
Acting Director of Transportation

By

  
NADER ESHGHIPOUR

10/27/11  
Date

Deputy District Director  
Maintenance

**EXHIBIT "A"**

**A. DELEGATION OF MAINTENANCE**

The specific maintenance function indicated below (and on "EXHIBIT B and C") is hereby delegated to CITY. This delegation of maintenance function set forth herein does not include the control and maintenance areas and functions which rest with CITY under the terms of other executed Freeway Agreements and/or Freeway Maintenance Agreements.

*Superseded  
by Amendment  
No. 1*

| Route No. | Length Miles | Description of Routing   | Program Delegated                        | Maximum Annual Authorized Expenditure                                  |
|-----------|--------------|--|--|--|
| 1(a)      | 5.93         | Junipero Serra Boulevard, from south city limits near Interstate 280 Interchange to Nineteenth Avenue; along Nineteenth Avenue from Junipero Serra Boulevard to Cross-Over Drive; along Cross-Over Drive from Nineteenth Avenue to By-Pass Drive; along By-Pass Drive from Cross-Over Drive to Park Presidio Boulevard; along Park Presidio Boulevard from By-Pass Drive to Lake Street, a total length of 5.93 miles. | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | \$ 92,900.00<br>2,300.00<br><b>69,707.00</b><br>10,500.00<br>62,000.00 |
|           |              | (See footnotes 1, 7, 8)  |  | Total authorized, Route 1(a) \$ <b>237,407.00</b>                      |
| 1(b)      | 1.44         | Park Presidio Boulevard from Lake Street to Golden Gate Bridge approach, a total length of 1.44 miles.   | None                                     | 0.00   |
|           |              |  |  | Total authorized, Route 1(b) \$ 0.00                                   |
| 35(a)     | 2.00         | Skyline Boulevard, from south city limits to Sloat Boulevard, a total length of 2.00 miles.  | HM2D<br>HM4K                             | <b>7,921.00</b><br>3,500.00  |
|           |              | (See footnotes 2, 8)   |  | Total authorized, Route 35(a) \$ <b>11,421.00</b>                      |

## DEPARTMENT OF TRANSPORTATION

DISTRICT 4

OFFICE OF MAINTENANCE SERVICES  
P.O. BOX 23660, MS- MS4A  
OAKLAND, CA 94623-0660  
PHONE (510) 286-4446  
TTY 711  
[www.dot.ca.gov](http://www.dot.ca.gov)



*Making Conservation  
a California Way of Life.*

November 9, 2018

Ms. Shannon Cairns  
Project Manager  
San Francisco Department of Public Works  
30 Van Ness Ave. 5<sup>th</sup> floor  
San Francisco, CA 94102

Dear Ms. Cairns:

Please find enclosed: one original executed Amendment 2 document to the Maintenance Agreement given effect by the State and CCSF.

Thank you for your involvement in bringing this matter to a successful close.

If you have any questions, feel free to contact me at (510) 286-4446 or my staff at (510) 286-4458.

Sincerely,

A handwritten signature in blue ink, appearing to read "W. Al-Zireeni".

Waddah Al-Zireeni  
Branch Chief  
Caltrans District 4

Enclosures

- (1) One original Amendment No.2 to Agreement for Maintenance of State Highways in the City of San Francisco.

**AMENDMENT No. 2 TO  
AGREEMENT FOR MAINTENANCE OF STATE HIGHWAYS  
IN THE CITY OF SAN FRANCISCO**

This second amendment ("AMENDMENT No. 2") is dated October 19, 2018 and is made to the Agreement for Maintenance of State Highways in the City and County of San Francisco dated July 2, 2009, and its First Amendment thereto dated October 27, 2011 ("AGREEMENT"), and entered into by and between the State of California, acting by and through the Department of Transportation, hereinafter referred to as ("STATE"), and the City and County of San Francisco, a municipal corporation, hereinafter referred to as ("CITY"), acting by and through its Public Works Director. CITY and STATE together are hereafter referred as ("PARTIES").

## RECITALS:

“WHEREAS, the High-Intensity Activated Crosswalk pedestrian beacon system (“HAWK System”) has been or will be installed on Sloat Boulevard (SR 35) at: Forest View Drive, 23<sup>rd</sup> Avenue, 36<sup>th</sup> Avenue, Constanzo Way, El Mirasol Place, 26<sup>th</sup> Avenue, 21<sup>st</sup> Avenue; and on San Jose Avenue (SR 82) at: Goethe Street, Rice Street;

WHEREAS, Contract No. 1294, M-Ocean View Track Replacement Project at 19<sup>th</sup> Avenue (SR1) and Rossmoor Drive installed signals, low profile speed bumps, steel bollards, pedestrian barrier rail, signage, red concrete;

WHEREAS, Contract No. [REDACTED] installed a trench for water, sewer and Auxiliary Water Supply System utilities; compliant with CITY standards, as shown in Exhibit C ("CITY Trench Details"), but not compliant with STATE standard specifications;

WHEREAS, PARTIES hereto now agree to amend AGREEMENT to specify the allocation of maintenance responsibilities, liability and indemnity regarding the construction and use of the CITY Trench Details.

NOW, THEREFORE, PARTIES agree to amend AGREEMENT as follows:

1. The AGREEMENT; page 3, dated May 4, 2009 is hereby deleted and replaced by page 3a and page 3b (REVISED).
2. EXHIBIT "A"; page 5, dated July 2, 2009 of AGREEMENT is hereby deleted and replaced by EXHIBIT "A" (REVISED); page 5.
3. EXHIBIT "A"; page 8, dated July 2, 2009 of AGREEMENT is hereby deleted and replaced by EXHIBIT "A" (REVISED); page 8.
4. EXHIBIT "B"; page 1, dated July 2, 2009 of AGREEMENT is hereby deleted and replaced by EXHIBIT "B" (REVISED); page 1.
5. EXHIBIT "B"; page 4, dated July 2, 2009 of AGREEMENT is hereby deleted and replaced by EXHIBIT "B"; page 4a and 4b (REVISED).
6. EXHIBIT "B"; page 5, dated July 2, 2009 of AGREEMENT is hereby deleted and replaced by EXHIBIT "B"; page 5a and 5b (REVISED).

7. New EXHIBIT "C" is hereby added to and made a part of AGREEMENT.
8. All other terms and conditions of AGREEMENT shall remain in full force and effect.
9. AMENDMENT No. 2 is hereby deemed to be included and is made a part of AGREEMENT.

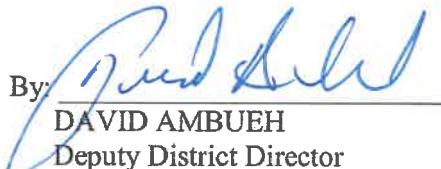
IN WITNESS WHEREOF, PARTIES hereto have set their hands and seals the day and year first above written.

THE CITY AND COUNTY OF  
SAN FRANCISCO

By:   
MOHAMMED NURU  
Director of Public Works

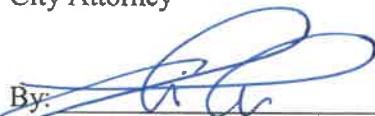
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

LAURIE BERMAN  
Director of Transportation

By:   
DAVID AMBUEH  
Deputy District Director  
District 4 Maintenance

Approved as to form:

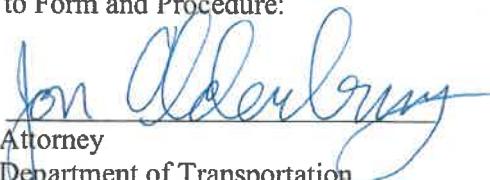
DENNIS J. HERRERA  
City Attorney

By:   
CHRISTOPHER TOM  
Deputy City Attorney

ATTEST:

By: \_\_\_\_\_  
Clerk of the Board

As to Form and Procedure:

By:   
Attorney  
Department of Transportation

XI. Neither CITY nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by STATE under or in connection with any work expressly conferred upon STATE by this Agreement. It is understood and agreed that STATE shall fully defend, indemnify and save harmless CITY and all its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including, but not limited to tortious, contractual, inverse condemnation and other theories or assertions of liability occurring by reason of anything done or omitted to be done by STATE under or in connection with any work expressly conferred upon STATE by this Agreement.

XII. STATE costs and expenses pledged to pay CITY under the terms of this Agreement are conditioned upon the passage of the Annual State Budget Act by the Legislature, the allocation of funding by the California Transportation Commission as appropriate, and the encumbrance of STATE funding to pay CITY's invoices.

XIII.

- A. This Agreement shall remain in full force and effective until amended by the mutual consent of the parties thereto or terminated by either party upon thirty (30) days' notice to the other party.
- B. Notwithstanding, paragraph XIII (A), all provisions of this Agreement relating to SPECIFIED STATE ROUTES, including but not limited to, any duties under paragraphs III, VI, X, XI, XV, XVI, and XVII, shall remain in full force and effect, until amended or terminated upon mutual consent of the CITY and STATE.

XIV. Pursuant to Board of Supervisors Resolution No. 380-15, the CITY executed that certain Operations and Maintenance Agreement with the City and County of San Francisco for Bus Rapid Transit Facilities on State Route 101 (the "BRT Operations and Maintenance Agreement"). As acknowledged in the BRT Operations and Maintenance Agreement, this Agreement is separate from, and does not modify the terms of the BRT Operations and Maintenance Agreement.

XV.

- A. CITY will not accept STATE standard slurry cement backfill requirements for water, sewer, and Auxiliary Water Supply System (AWSS) utilities ("STATE Trench Detail") due to concerns that the material is not compatible with CITY's future maintenance and servicing of new connections. The STATE Trench Detail will cost utility companies more to perform maintenance and service new connections and will cause more disruption to the public due to longer lane closures needed to remove and replace slurry concrete.

Pursuant to the terms of the applicable encroachment permits issued by the STATE and the terms of this agreement the CITY may use CITY Water, Sewer, and AWSS Trench Detail (“CITY Trench Details”), attached as Exhibit C, as specified on projects 04-3A270, 04-4J790, 04-0G350, on SPECIFIED STATE ROUTES.

B. Notwithstanding any other provision of this Agreement, the CITY shall be responsible for performing the maintenance and repair of SPECIFIED STATE ROUTES for all failures or defects of the roadway infrastructure resulting from the construction and use of the CITY- Trench Details (Exhibit C).

STATE shall provide reimbursements for routine maintenance of SPECIFIED STATE ROUTES as provided for in Exhibit A, but shall not reimburse CITY for maintenance and repair of conditions resulting from the construction and use of the CITY Trench Details.

XVI. Notwithstanding any other provision of this Agreement, the CITY shall be solely responsible for all costs for the reconstruction of SPECIFIED STATE ROUTES for all failures or defects resulting from the construction and use of the CITY Trench Details, attached as Exhibit C, including but not limited to sinkholes, failure of compacted soils, and structural failure of the roadway resulting from the construction and use of the CITY Trench Details.

XVII. CITY shall fully defend, indemnify, and save harmless, STATE its officers, directors, agents, and employees for any injury, claim, damage, or liability occurring as the result of any condition or defect of SPECIFIED STATE ROUTES, resulting from the construction and use of the CITY Trench Details (Exhibit C), including but not limited to, failures of the compacted soils, sinkholes, potholes, cracking, and structural failure of the roadway resulting from the construction and use of the CITY Trench Details. It is understood by and between CITY and STATE that the CITY's duty to defend, indemnify and save harmless under this section extends to any injury, claim, damage, or liability whether said injury, claim, damage, or liability is alleged to have been caused by a failure to maintain or a failure of design and construction.

XVIII. SPECIFIED STATE ROUTES shall be defined as the locations identified on Exhibit C. For all locations listed on Exhibit C, this agreement shall apply to all portions of the STATE's right-of-way between the listed post miles.

**EXHIBIT "A" (REVISED) Page 5**

Amendment No. 2  
DMA

**A. DELEGATION OF MAINTENANCE**

The specific maintenance function indicated below (and on "EXHIBIT B and C") is hereby delegated to CITY. This Delegation of maintenance function set forth herein does not include the Control and maintenance areas and functions which rest with CITY under the terms of other executed Freeway Agreements and /or Freeway Maintenance Agreements.

| Route No | Length Miles |   | Program Delegated                        | Maximum Annual Authorized Expenditure                        |
|----------|--------------|---|--|--|
| 1(a)     | 5.93         | Junipero Serra Boulevard, from south city limits near Interstate 280 Interchange to Nineteenth Avenue along Nineteenth Avenue from Junipero Serra Boulevard to Cross-Over Drive; along Cross-Over Drive from Nineteenth Avenue to By-Pass Drive; along By-Pass Drive from Cross-Over Drive to Park Presidio Boulevard; along Park Presidio Boulevard From By-Pass Drive to Lake Street, a total length of 5.93 miles.<br>(See footnotes 1, 7, 8, 9*, and 11*) | HM1A, 1B<br>HM2C<br>HM2D<br>HM2E<br>HM4K | 92,900.00<br>2,300.00<br>69,707.00<br>10,500.00<br>62,000.00 |
|          |              |   | Total authorized, Route 1(a)             | <b>\$237,407.00</b>  |
| 1(b)     | 1.44         | Park Presidio Boulevard from Lake Street to Golden Gate Bridge approach, a total length of 1.44 miles   | None                                     | 0.00   |
|          |              |   | Total authorized, Route 1(b)             | <b>0.00</b>  |
| 35(a)    | 2.00         | Skyline Boulevard, from south city limits to Sloat Boulevard, a total length of 2.00 miles<br>(See footnotes 2, 8)  | HM2D<br>HM4K                             | 7,921.00<br>3,500.00   |
|          |              |   | Total authorized, Route 35(a)            | <b>11,421.00</b>   |

\*Added by Amendment No. 1 and 2.

**EXHIBIT "A" (REVISED) Page 8**

Amendment No. 2  
DMA

| Route No | Length Miles |   | Program Delegated | Maximum Annual Authorized Expenditure |
|----------|--------------|---|-------------------|---------------------------------------|
| 280      | 9.03         | Southern Freeway from the San Mateo County Line at the St. Charles Avenue Overcrossing to the end of constructed freeway at Brannan Street, a length of 7.54 miles; also, freeway on and off-ramps from Mission Street to Route 80, a length of 0.76 mile; total length 9.03 miles.<br>(See footnote 8) | HM2C(R/W)<br>HM4K | 8,200.00<br>9,200.00                  |
|          |              | Total authorized Route 280  |                   | 17,400.00                             |
|          |              | <b>TOTAL AUTHORIZED EXPENDITURE</b>   |                   | <b>\$827,468.00</b>                   |

Footnotes:

1. Length of street to be cleaned - 18.6 curb miles,
2. Length of street to be cleaned - 4.0 curb miles.
3. Length of street to be cleaned - 4.7 curb miles.
4. Length of street to be cleaned - 0.4 curb miles.
5. Length of street to be cleaned - 10.8 curb miles.
6. Length of street to be cleaned - 5.4 curb miles.
7. CITY shall maintain sidewalks and shall be responsible for any costs therein.
8. CITY will maintain signals and safety lighting on CITY streets at freeway on and off-ramps. STATE will maintain safety lighting of intersections connected to STATE circuits. CITY and STATE will participate in maintenance cost as provided under Program HM4K.
9. Maintenance of landscape areas or other ornamental plantings in the median area will be performed by CITY at no expense to STATE.
10. Adopted as a State highway by California Transportation Commission (Resolution HRA 01-2, December 6, 2000).
11. City shall own and maintain and be responsible for the costs of low profile speed bumps, steel bollards, pedestrian barrier rail, signage, red concrete built on CITY streets, within State Right of Way (19<sup>th</sup> Avenue/ Rossmoor Drive); as authorized under encroachment permit 04-17-N-OP2259.

**EXHIBIT "B" (REVISED) Page 1**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT BY**  
**THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT**  
**EFFECTIVE \_\_\_\_\_**

Amendment No.2

DMA

| Rte | PM   | Intersection                            | Rate | Equipment               | Int or Pole No         | Units | % State | % City |
|-----|------|---|------|-------------------------|------------------------|-------|---------|--------|
| 1   | 0.00 | Alemany-Junipero Serra                  | SF   | 200W HP-Sodium          | 153, 161E              | 1     | 66.67   | 33.33  |
| 1   | 0.10 | Alemany O/C                             | SF   | 70W HP-Sodium           | 1-8                    | 8     | 100.00  | 0.00   |
| 1   | 0.18 | Palmetto-Alemany                        | SF   | 150WHPS                 | 401D, 402D             | 4     | 33.33   | 66.67  |
| 1   | 0.33 | Brotherhood Way                         | SF   | 200W HP-Sodium          | 132D,133E,142D,143D    | 7     | 50.00   | 50.00  |
| 1   | 0.43 | Font Blvd                               | SF   | 200W HP-Sodium          | 131W, 132W             | 2     | 66.67   | 33.33  |
| 1   | 0.68 | Junipero Serra                          | SF   | 200W HP-Sodium          | 112D, 114D, 121D, 122D | 8     | 50.00   | 50.00  |
|     |      |   | SF   | 250W HP-Sodium          | 389D                   | 2     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT              |                        |       | 50.00   | 50.00  |
| 1   | 0.88 | Crespi Dr                               | SF   | 250W HP-Sodium          | 372D, 373D, 376E       | 5     | 66.67   | 33.33  |
|     |      |   | SF   | 100W HP-Sodium          | 02D                    | 2     | 66.67   | 33.33  |
|     |      |   | SF   | 150W HP-Sodium          | 145D                   | 2     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT              |                        |       | 66.67   | 33.33  |
| 1   | 0.94 | Holloway Ave                            | SF   | 200W HP-Sodium          | 151D                   | 2     | 50.00   | 50.00  |
|     |      |   | SF   | 250W HP-Sodium          | 368D, 371D             | 4     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT              |                        |       | 50.00   | 50.00  |
| 1   | 1.35 | Winston Dr                              | SF   | 70W HP-Sodium           | 21D                    | 2     | 50.00   | 50.00  |
|     |      |   | SF   | 250W HP-Sodium          | 327D, 331D             | 4     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT              |                        |       | 50.00   | 50.00  |
| 1   | 1.55 | M St Car Track/Buckingham Way extension | SF   | 200W HP-Sodium          | 322                    | 1     | 66.67   | 33.33  |
|     |      |   |      | Signals-FT & Light [See |                        |       | 66.67   | 33.33  |
|     |      |   |      | Footnote (a)]           |                        |       |         |        |
| 1   | 1.60 | Rossmoor Dr                             | SF   | 70W HP-Sodium           | 314                    | 1     | 0.00    | 100.00 |
| 1   | 1.66 | Eucalyptus Dr                           | SF   | 200W HP-Sodium          | 305D, 311D             | 4     | 50.00   | 50.00  |
|     |      |   | SF   | 100W HP-Sodium          | 21, 22                 | 2     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT              |                        |       | 50.00   | 50.00  |
| 1   | 1.74 | Ocean Ave                               | SF   | 200W HP-Sodium          | 297D, 301D             | 4     | 50.00   | 50.00  |
|     |      |   | SF   | 150W HPS                | 26/6                   | 1     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT              |                        |       | 50.00   | 50.00  |
| 1   | 1.89 | Sloat Blvd                              | SF   | 200W HP-Sodium          | 286D, 291D             | 4     | 75.00   | 25.00  |
|     |      |   | SF   | 150W HP-Sodium          | 23D, 31D               | 4     | 50.00   | 50.00  |
|     |      |   |      | Signals-FT              |                        |       | 75.00   | 25.00  |

**EXHIBIT "B" (REVISED) Page 4a**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT; EFFECTIVE \_\_\_\_\_**

| Rte | PM   | Intersection  | Rate | Equipment                    | Int or Pole No            | Units | % State | % City |
|-----|------|---|------|------------------------------|---------------------------|-------|---------|--------|
| 35  | 1.37 | Harding Blvd  | SF   | 150W HP-Sodium               | 32,31W,01                 | 3     | 66.67   | 33.33  |
| 35  | 1.73 | Zoo-Lake Merced Blvd,<br>[See Footnote ( c )]       | SF   | 150W HP-Sodium<br>Signals-TA | 11, 13, 16                | 3     | 50.00   | 50.00  |
| 35  | 1.83 | Sloat-Skyline Conn                                  | SF   | 150W HP-Sodium               | 12, 14                    | 2     | 66.67   | 33.33  |
| 35  | 1.99 | 39th Ave/Skyline Blvd                               | SF   | 150W HP-Sodium               | 211,213,01D,03D,203N,205N | 8     | 66.67   | 33.33  |
| 35  | 2.06 | Sunset Blvd Ramps                                   | SF   | 150W HP-Sodium               | 175,177,191               | 3     | 50.00   | 50.00  |
| 35  | 2.15 | 36th Ave<br>[See Footnote ( a )]                    | SF   | HAWK Beacon                  |                           | 2     | 50.00   | 50.00  |
| 35  | 2.25 | 34th Ave/Clearfield Drive,<br>[See Footnote ( a )]  | SF   | 200W HPS<br>Signals-TA       |                           | 4     | 50.00   | 50.00  |
| 35  | 2.32 | Lakeshore Plaza/Sloat Blvd,<br>[See Footnote ( a )] | SF   | 200W HPS                     |                           | 3     | 50.00   | 50.00  |
|     |      |   |      | Signals-TA                   |                           |       | 66.67   | 33.33  |
| 35  | 2.39 | Constanso/Everglade Dr                              | SF   | 150W HP-Sodium               | 142,151                   | 2     | 50.00   | 50.00  |
| 35  | 2.39 | Constanso/Everglade Dr<br>[See Footnote ( a )]      | SF   | HAWK Beacon                  |                           | 2     | 50.00   | 50.00  |
| 35  | 2.56 | Mirasol Place                                       | SF   | 150W HP-Sodium               | 128D, 131D                | 4     | 66.67   | 33.33  |
| 35  | 2.56 | Mirasol Place<br>[See Footnote ( a )]               | SF   | HAWK Beacon                  |                           | 2     | 50.00   | 50.00  |
|     |      |   |      |                              |                           |       | 66.67   | 33.33  |
| 35  | 2.67 | Forest View Drive                                   | SF   | 150W HP-Sodium               | 112D, 121D                | 4     | 66.67   | 33.33  |
| 35  | 2.67 | Forest View Drive<br>[See Footnote ( a )]           | SF   | HAWK Beacon                  |                           | 2     | 50.00   | 50.00  |
| 35  | 2.78 | 26th Ave  | SF   | 150W HP-Sodium               | 92D, 121D                 | 4     | 66.67   | 33.33  |
| 35  | 2.78 | 26th Ave<br>[See Footnote ( a )]                    | SF   | HAWK Beacon                  |                           | 2     | 50.00   | 50.00  |
| 35  | 2.93 | 23rd Ave/Crestlake Dr                               | SF   | 150W HP-Sodium               | 72S,71D,64D,63N           | 6     | 50.00   | 50.00  |
| 35  | 2.93 | 23rd Ave/Crestlake Dr<br>[See Footnote ( a )]       | SF   | HAWK Beacon                  |                           | 2     | 50.00   | 50.00  |

**EXHIBIT "B" (REVISED) Page 4b**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACORDANCE WITH MAINTENANCE AGREEMENT; EFFECTIVE**

**EXHIBIT "B" (REVISED) Page 5a**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT; EFFECTIVE**

| Rte | PM   | Intersection                | Rate | Equipment      | Int or Pole No  | Units | % State | % City |
|-----|------|-----------------------------|------|----------------|-----------------|-------|---------|--------|
| 80  | 4.91 | 5th St/Harrison St Ramp     | SF   | 150W HPS       | 814             | 3     | 20.00   | 80.00  |
|     |      |                             | SF   | 200W HP Sodium | 36, 41          | 2     | 20.00   | 80.00  |
|     |      |                             | SF   | 250W HP-Sodium | 42              | 1     | 20.00   | 80.00  |
|     |      |                             |      | Signals-FT     |                 |       | 20.00   | 80.00  |
| 80  | 4.92 | 4th St/Harrison St Ramp     | SF   | 250W HP-Sodium | 33              | 1     | 20.00   | 80.00  |
|     |      |                             | SF   | 150W HPS       | 82              | 1     | 20.00   | 80.00  |
|     |      |                             |      | Signals-FT     |                 |       | 20.00   | 80.00  |
| 80  | 4.93 | 4th St/Bryant St Ramp       | SF   | 150W HP-Sodium |                 | 5     | 20.00   | 80.00  |
|     |      |                             |      | Signals-FT     |                 |       | 20.00   | 80.00  |
| 80  | 5.04 | Bryant-Sterling St Ramp     | SF   | 175W MV Lights | 33              | 1     | 25.00   | 75.00  |
| 80  | 5.05 | 5th St/ Bryant St Ramp      | SF   | 200W HP-Sodium | 47, 51, 410, 71 | 4     | 20.00   | 80.00  |
|     |      |                             | SF   | 150W HP-Sodium | 67              | 1     | 20.00   | 80.00  |
| 80  | 5.54 | Harrison-Essex St On-Ramp   | SF   | 150W HP-Sodium | 55, 53          | 2     | 25.00   | 75.00  |
|     |      |                             |      | Signals-FT     |                 |       | 25.00   | 75.00  |
|     |      |                             | SF   | 150W HP-Sodium | 41, 43, 52      | 3     | 25.00   | 75.00  |
| 80  | 5.56 | 1st-Harrison St Ramp        | SF   | 150W HP-Sodium |                 |       | 25.00   | 75.00  |
|     |      |                             |      | Signals-FT     |                 |       | 25.00   | 75.00  |
|     |      |                             | SF   | 100W HPS       | 33, 42          | 2     | 25      | 75.00  |
| 80  | 5.58 | Fremont-Harrison St Ramp    | SF   | 200W HP Sodium | 35              | 1     | 25      | 75.00  |
|     |      |                             |      | Signals-FT     |                 |       | 25      | 75.00  |
|     |      |                             | SF   | 150W HP-Sodium | 321             | 1     | 50.00   | 50.00  |
| 82  | 0.04 | Goethe St                   | SF   | HAWK Beacon    |                 | 2     | 50.00   | 50.00  |
| 82  | 0.04 | Goethe St                   | SF   | 150W HP-Sodium | 315             | 1     | 50.00   | 50.00  |
| 82  | 0.08 | Rice Ave                    | SF   | HAWK Beacon    |                 | 2     | 50.00   | 50.00  |
| 82  | 0.08 | Rice Ave                    | SF   | 150W HP-Sodium | 311             | 1     | 50.00   | 50.00  |
| 82  | 0.13 | Liebig-De Long St           | SF   | 150W HP-Sodium | 315D, 318, 3010 | 4     | 44.44   | 55.56  |
| 82  | 0.16 | Alemany Blvd - San Jose Ave | SF   | 150W HP-Sodium | 309D, 3011D     | 4     | 44.44   | 55.56  |

**EXHIBIT "B" (REVISED) Page 5b**  
**MAINTENANCE AND OPERATION OF ELECTRICAL EQUIPMENT**  
**BY THE CITY OF SAN FRANCISCO**  
**IN ACCORDANCE WITH MAINTENANCE AGREEMENT; EFFECTIVE**

| Rte | PM   | Intersection          | Rate | Equipment      | Int or Pole No     | Units | % State | % City |
|-----|------|-----------------------|------|----------------|--------------------|-------|---------|--------|
| 82  | 0.17 | Sagamore-Sickles      | SF   | 150W HP-Sodium | 12D, 294D, 11, 02, | 8     | 28.57   | 71.43  |
| 82  | 0.20 | Sadowa Off-Ramp       | SF   | 250W MV Lights | 292                | 1     | 50.00   | 50.00  |
| 101 | 0.56 | Bayshore Blvd NB Ramp | SF   | 200W HP-Sodium | 192                | 1     | 33.33   | 66.67  |
| 101 | 0.57 | 3rd St NB Ramp        | SF   | 150W HP-Sodium | 674                | 1     | 33.00   | 67.00  |
| 101 | 0.69 | Bayshore Blvd NB Ramp | SF   | 200W HP-Sodium | 184                | 1     | 50.00   | 50.00  |
| 101 | 0.84 | 3rd St Ramp Merges    | SF   | 100W HP-Sodium | 19, 20             | 2     | 50.00   | 50.00  |

# EXHIBIT C

Amendment No. 2  
DMA

## SPECIFIED STATE ROUTES AND CITY WATER, SEWER, AND AWSS TRENCH DETAILS

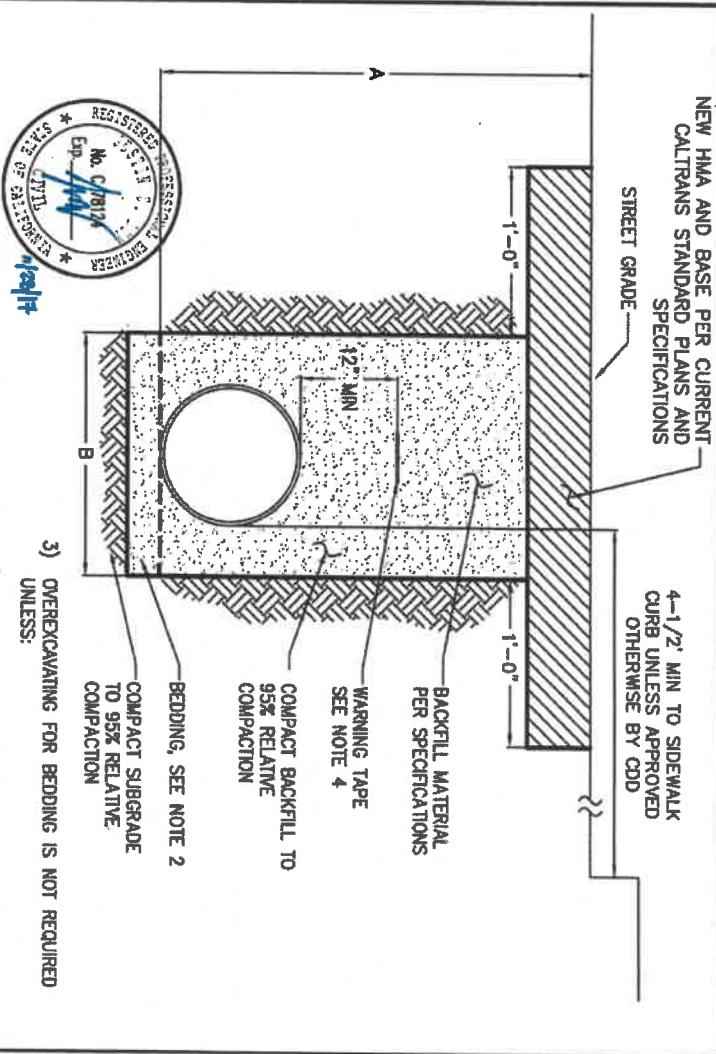
### SPECIFIED STATE ROUTES

| State Route/<br>Project Expenditure<br>Authorization Number (EA) | Street Name             | Post Mile<br>(longitudinal limits) |        | Lateral limits   | Effective date  |
|--|-------------------------|------------------------------------|--------|--|-----------------|
|  |                         | Begin PM                           | End PM |  |                 |
| SR-101<br>EA 04-3A270  | Van Ness Avenue         | 4.71                               | 6.71   | Entire width of street<br>from back of curb east<br>side to back of curb<br>west side. | January 1, 2018 |
| SR-101<br>EA 04-4J790  | Lombard Street          | 6.71                               | 8.02   |  | January 1, 2018 |
| SR-1<br>EA 04-0G350  | 19 <sup>th</sup> Avenue | R0.94                              | 4.05   |  | January 1, 2018 |

## EXHIBIT C

Amendment No. 2  
DMA

### CITY WATER, SEWER, AND AWSS TRENCH DETAILS



| NOMINAL PIPE DIAMETER | MINIMUM TRENCH DEPTH A | MINIMUM TRENCH WIDTH B |
|-----------------------|------------------------|------------------------|
| 1', 2'                | 24"                    | 12"                    |
| 4", 6", 8"            | 36"                    | 18"                    |
| 12"                   | 44"                    | 24"                    |
| 16"                   | 54"                    | 30"                    |
| 20"                   | 54"                    | 36"                    |
| 24"                   | 55"                    | 44"                    |
| 36"                   | 72"                    | 60"                    |
| 48"                   | 84"                    | 72"                    |

NOTES:

- 1) MINIMUM TRENCH DEPTHS AND TRENCH WIDTHS MUST BE ADHERED TO UNLESS APPROVED OTHERWISE BY THE CITY DISTRIBUTION DIVISION.
- 2) TRENCH CONSTRUCTION SHALL CONFORM TO OSHA AND CAL OSHA.

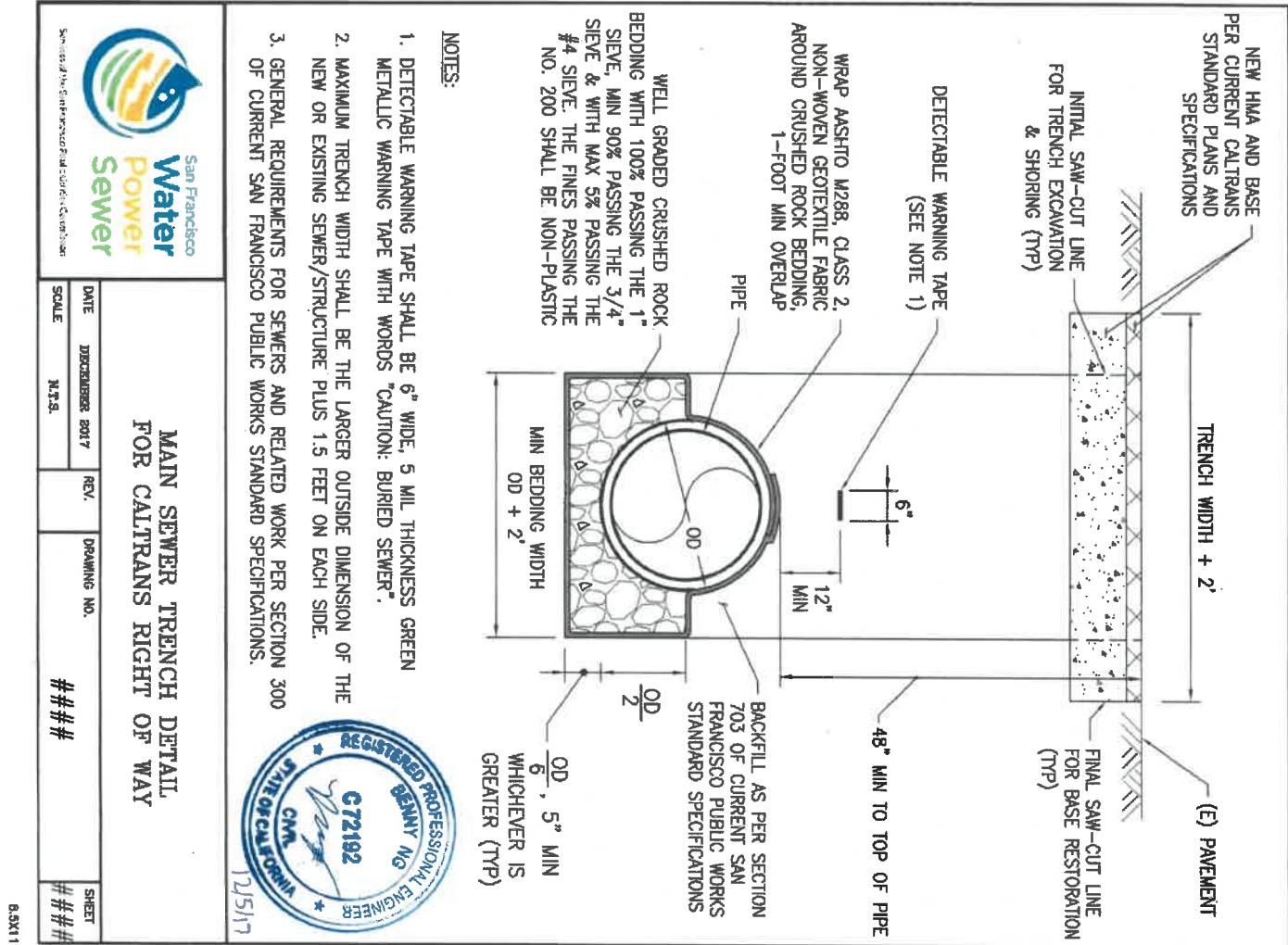
|   |  |               |        |                   |
|---|--|---------------|--------|-------------------|
| <br><b>San Francisco</b><br><b>Water</b><br><b>Power</b><br><b>Sewer</b> | <b>WATER ENTERPRISE - CITY DISTRIBUTION DIVISION STANDARD PLANS</b><br><b>WATER WORK TRENCH DETAIL</b><br><b>FOR CALTRANS RIGHT OF WAY</b> |               |        |                   |
|   | Segment of the San Francisco Public Utilities Commission   | DATE NOV 2017 | REV. 0 | DRAWING NO. ##### |
|   | SCALE N.T.S.   |               |        | SHEET # ####      |

CITY shall be responsible for performing the maintenance and repair for all failures or defects of the roadway infrastructure resulting from the construction and use of the CITY-Trench Details.

## EXHIBIT C

Amendment No. 2  
DMA

### CITY WATER, SEWER, AND AWSS TRENCH DETAILS

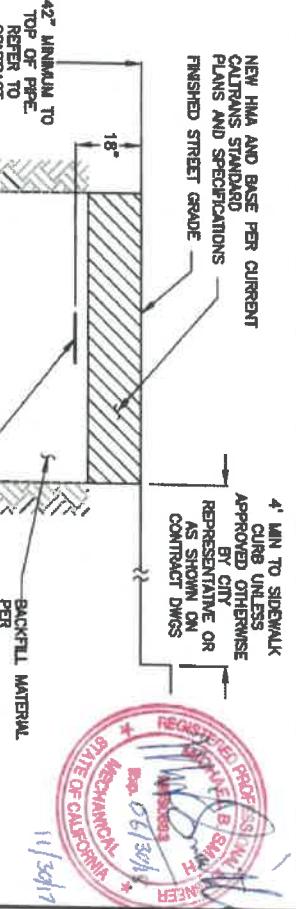


CITY shall be responsible for performing the maintenance and repair for all failures or defects of the roadway infrastructure resulting from the construction and use of the CITY- Trench Details.

## EXHIBIT C

Amendment No. 2  
DMA

### CITY WATER, SEWER, AND AWSS TRENCH DETAILS



NEW HMA AND BASE PER CURRENT  
CALTRANS STANDARD  
PLANS AND SPECIFICATIONS  
FINISHED STREET GRADE

4" MIN TO SIDEWALK  
CURB UNLESS  
APPROVED OTHERWISE  
BY CITY  
REPRESENTATIVE OR  
AS SHOWN ON  
CONTRACT DWGS

18"

42" MINIMUM TO  
TOP OF PIPE  
REFER TO  
CONTRACT  
PLAN PROFILE  
DWGS FOR  
SPECIFIC DEPTH  
REQUIREMENTS  
DEEPER  
THAN 42"

6" MINIMUM  
DEPTH,  
SEE NOTE 5

12" MINIMUM

AWSS DUCTILE IRON  
PIPE, WRAPPED IN  
POLYETHYLENE  
ENCASING.

WARNING TAPE, SEE  
NOTE 3

BEDDING, SEE  
NOTE 2

COMPACT SUBGRADE  
TO 95% RELATIVE  
COMPACTION

7" (SEE TABLE ON THIS SHEET)

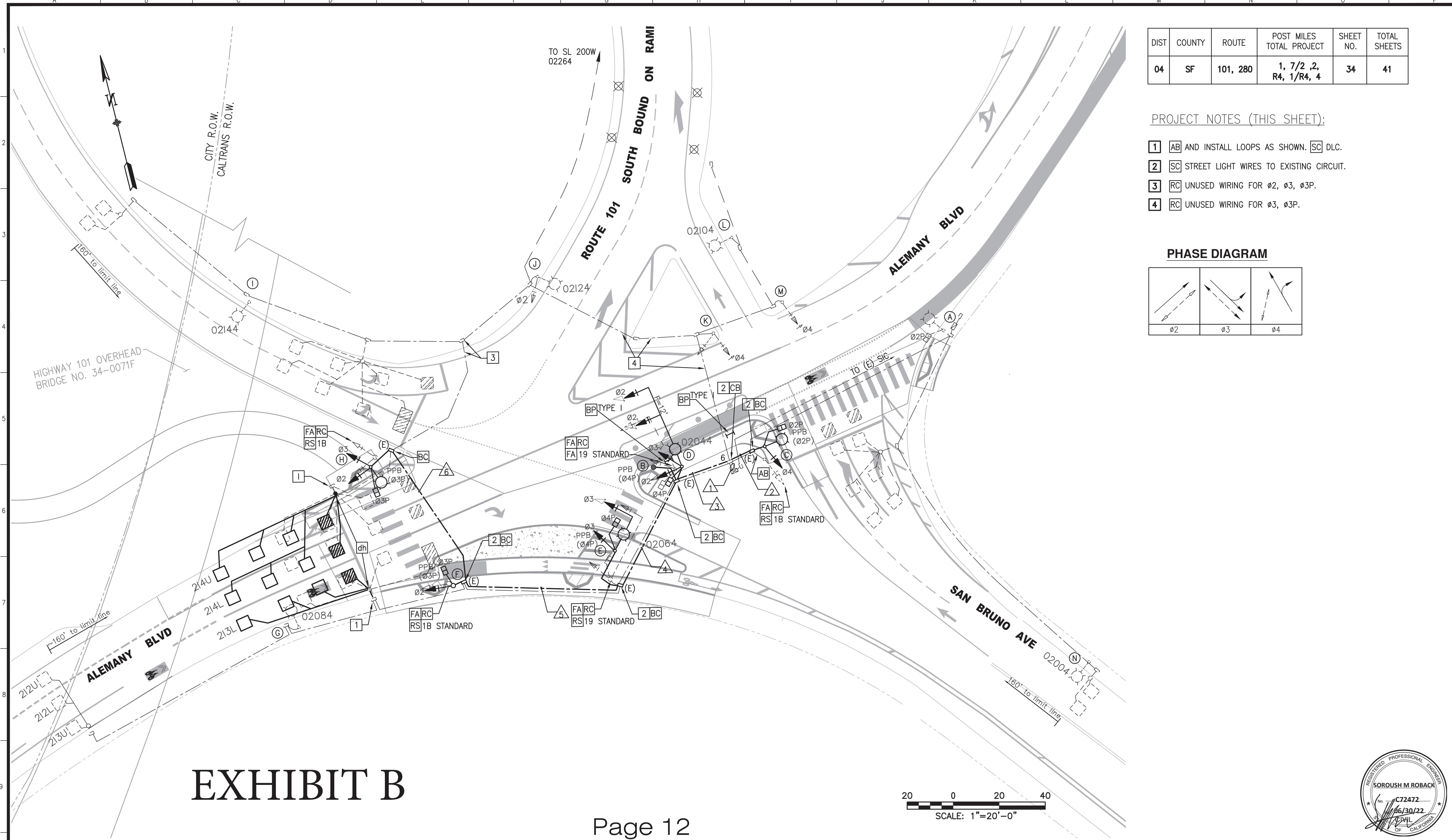
1. MINIMUM TRENCH DEPTHS AND TRENCH WIDTHS MUST BE ADHERED TO UNLESS OTHERWISE APPROVED BY THE CITY REPRESENTATIVE.
2. OVER EXCAVATING FOR BEDDING IS NOT REQUIRED UNLESS A BOTTOM OF TRENCH EXCAVATION IS IN BEDROCK, WHERE BEDDING SHALL BE 12" THICK.
3. BEDDING SHALL BE APPROVED CLEAN SAND OR 3/4" DRAIN ROCK, SAND SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
4. INSINUATION MESSAGE, USING 1 1/2" MINIMUM HEIGHT BLACK TEXT, SPACED AT 3'-0" FT. INTERVALS, SHALL READ "CAUTION - SHFT AWSS WATER PIPELINE BELOW." WARNING TAPE SHALL OVERLAP 12" MINIMUM AT SPLICES.
5. TRENCH CONSTRUCTION SHALL CONFORM TO OSHA AND CAL OSHA REGULATIONS.
6. 12" DI AWSS PIPE SHOWN WITH STOP COLLAR IN PLACE. 6" MINIMUM DIMENSION IS FROM BOTTOMMOST PAIR OF LUGS TO BOTTOM OF TRENCH.

| NOMINAL AWSS<br>PIPE DIAMETER<br>(PIPE SLEEVEING) | MINIMUM TRENCH<br>WIDTH " |
|---|---------------------------|
| 8"  | 36"                       |
| 10", 12"  | 42"                       |
| 14", 16"  | 48"                       |
| 18", 20"  | 60"                       |
| (24")   | 72"                       |
| (30", 32")  | 80"                       |
| (36", 42")  | 90"                       |

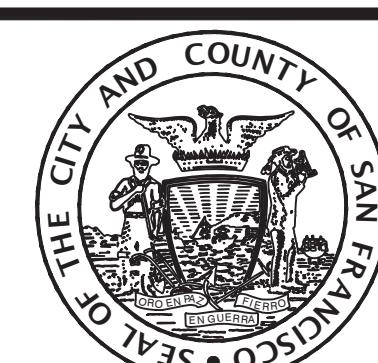
SPANNING LENGTH: 55570

|   |              |      |             |
|---|--------------|------|-------------|
| <p>WATER ENTERPRISE - CITY DISTRIBUTION DIVISION - AUXILIARY WATER SUPPLY SYSTEM</p> <p>AUXILIARY WATER SUPPLY SYSTEM</p> <p>TRENCH DETAIL FOR</p> <p>CALTRANS RIGHT OF WAY</p> |              |      |             |
| <p>SAN FRANCISCO<br/>PUBLIC WORKS</p> <p>MECHANICAL<br/>SECTION</p>   |              |      |             |
| DATE  | OCTOBER 2017 | REV. | DRAWING NO. |
| SCALE   | W.M.S.       |      | 5000'       |

CITY shall be responsible for performing the maintenance and repair for all failures or defects of the roadway infrastructure resulting from the construction and use of the CITY- Trench Details.

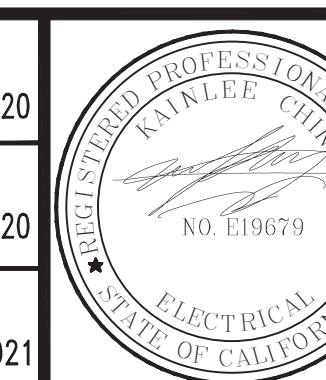


| NO.   | DATE | DESCRIPTION | BY | APP. |
|---|------|-------------|----|------|
| TABLE OF REVISIONS<br>THIS DRAWING WAS LAST MODIFIED: 04/29/21 16:23, BY: GLY |      |             |    |      |



BUREAU OF ENGINEERING  
CITY & COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
49 SOUTH VAN NESS AVENUE, 8TH FLOOR  
SAN FRANCISCO, CA 94103

| Acting Section Mgr:       | KENNY CHIN  | Date:      | PL/GL | DESIGNED: | DATE:      |
|---------------------------|-------------|------------|-------|-----------|------------|
| Acting Deputy Bureau Mgr: | LESLEY WONG | 05/03/2021 |       | DRAWN:    | DATE:      |
| Acting Bureau Mgr:        | IQBAL DHAPA | 05/10/2021 | GL    | 04/2021   | 05/05/2021 |



SCALE:  
1" = 20'  
SHEET OF SHEETS  
34 OF 41

**ALEMANY INTERCHANGE IMPROVEMENTS PHASE 2**  
**TRAFFIC SIGNAL**  
**ALEMANY BLVD AND SAN BRUNO AVE SIGNAL AND LIGHTING (MODIFY)**

CONTRACT NO.  
0000003760  
DRAWING NO.  
EC-1.0  
FILE NO.  
118,890  
REV. NO.  
0

## CONDUCTOR AND CONDUIT SCHEDULE

| CONDUCTOR DESIGNATION    | NUMBER OF CONDUCTORS |     |     |     |     |     |
|--------------------------|----------------------|-----|-----|-----|-----|-----|
|                          | RUN NUMBER           |     |     |     |     |     |
|                          | 1                    | 2   | 3   | 4   | 5   | 6   |
| No. 14 Conductors        |                      |     |     |     |     |     |
| Ø2                       | (E)                  | 3   | 3   | 3   | 3   |     |
| Ø3                       | (E)                  | 3   | 3   | 3   | 3   |     |
| Ø4                       | (E)                  | 3   |     |     |     |     |
| Ø2P                      | (E)                  | 2   |     |     |     |     |
| Ø3P                      | (E)                  | 2   | 2   | 2   | 2   |     |
| Ø4P                      | (E)                  | 2   | 2   |     |     |     |
| PPB (Ø2P)                | (E)                  | 1   |     |     |     |     |
| PPB (Ø3P)                | (E)                  | 1   | 1   | 1   |     |     |
| PPB (Ø4P)                | (E)                  | 1   | 1   |     |     |     |
| PPB Neutral              | (E)                  | 1   | 1   | 1   | 1   |     |
| Spares                   | (E)                  | 3   | 3   | 3   | 3   |     |
| Total No. 14 Conductors  | (E)                  | 10  | 16  | 16  | 13  | 13  |
| No. 6 Conductors         |                      |     |     |     |     |     |
| Signal Controller (120V) |                      |     |     |     |     |     |
| Lighting (240V)          |                      |     |     |     | 2   |     |
| Total No. 6 Conductors   |                      |     |     |     | 2   |     |
| Signal Neutral (120V)    | 1                    | 1   | 1   | 1   | 1   | 1   |
| Detector Leadin Cable    |                      |     |     |     |     |     |
| Total DLC                | (E)                  |     |     |     |     |     |
| CONDUIT (E) OR (N)       | (E)                  | (N) | (N) | (N) | (N) | (N) |
| CONDUIT SIZE (INCHES)    | 2-3"                 | 2   | 2   | 2   | 2   | 2   |

(E) = EXISTING (N) = NEW

## EXHIBIT B

|   |                                      |                       |
|---|--------------------------------------|-----------------------|
| REFERENCE INFORMATION & FILE NO. OF SURVEYS                                   | THE CITY AND COUNTY OF SAN FRANCISCO | BUREAU OF ENGINEERING |
| NO. DATE  | DESCRIPTION                          | BY APP.               |
| TABLE OF REVISIONS<br>THIS DRAWING WAS LAST MODIFIED: 04/29/21 16:12, BY: GLY |                                      |                       |

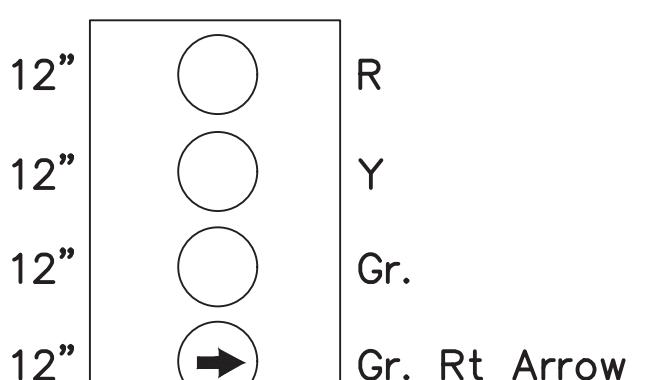
|   |                   |             |                        |
|---|-------------------|-------------|------------------------|
| Date: 05/03/2021  | DESIGNED: 10/2020 | SCALE: NONE | CONTRACT NO. 000003760 |
| Acting Section Mgr: KENNY CHIN  | PL/GL             |             | DRAWING NO. EC-1.1     |
| Acting Deputy Bureau Mgr: LESLEY WONG   | 05/05/2021        | DATE: GL    | FILE NO. 118,890       |
| Acting Bureau Mgr: IQBAL DHAPA  | 05/10/2021        | DATE: DG/SR | REV. NO. 0             |
| ALEMANY INTERCHANGE IMPROVEMENTS PHASE 2  |                   |             |                        |
| TRAFFIC SIGNAL ALEMANY BLVD AND SAN BRUNO AVE CONDUCTOR, POLE AND EQUIPMENT SCHEDULES |                   |             |                        |

Page 13

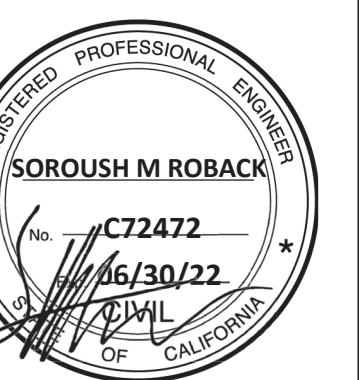
| No. | STANDARD    |         |         | VEH. SIGNAL MOUNTING<br>MAST ARM | PED SIGNAL MOUNTING<br>POLE | PPB<br>Ø   | LUMINAIRE (WATTS) | SPECIAL REQUIREMENTS |
|-----|-------------|---------|---------|----------------------------------|-----------------------------|------------|-------------------|----------------------|
|     | TYPE        | SIG. MA | LUM. MA |                                  |                             |            |                   |                      |
| (A) | (E) 15      |         |         | (E) 15'                          |                             | (E) SP-1-T | 2P                | (E) 200              |
| (B) | PPB POST    |         |         |                                  |                             |            | 4P                |                      |
| (C) | 15TS        |         |         |                                  | SV-1-T                      | SP-1-T     | 2P                | 133                  |
| (D) | 24-4-100    | 35'     | 15'     | MAS                              | SV-2-TA                     | SP-1-T     |                   | 133                  |
| (E) | 17-2-100    | 20'     | 15'     | MAS                              | SV-1-T                      | SP-1-T     | 4P                | 133                  |
| (F) | 1B (10')    |         |         |                                  | TV-1-T                      | SP-1-T     | 3P                |                      |
| (G) | (E) 15      |         |         | (E) 15'                          |                             |            | (E) 200           |                      |
| (H) | 15TS        |         |         |                                  | TV-2-T                      | SP-1-T     | 3P                | 133                  |
| (I) | (E) 15      |         |         | (E) 15'                          |                             |            | (E) 200           |                      |
| (J) | (E) 15      |         |         | (E) SV-1-T                       |                             |            | (E) 200           |                      |
| (K) | (E) 1B(10') |         |         |                                  | (E) TV-2-T                  |            |                   | (E) Detail A         |
| (L) | (E) 15      |         |         | (E) 15'                          |                             |            | (E) 200           |                      |
| (M) | (E) 1B(10') |         |         |                                  | (E) TV-1-T                  |            |                   | (E) Detail A         |
| (N) | (E) 15      |         |         | (E) 15'                          |                             |            | (E) 200           |                      |

(E) = EXISTING

| LIGHT FIXTURE SCHEDULE |  |   |                         |                                      |        |  |
|------------------------|--|---|-------------------------|--------------------------------------|--------|--|
| TAG                    | DESCRIPTION  | MANUFACTURER  | LAMPS                   | VOLT                                 | REMARK |  |
| A 133                  | LUMINAIRE: LEOTEK LED FIXTURE, DIE CAST ALUMINUM ALLOY HOUSING, TENON MOUNTED BRACKETS, RoHS COMPLIANT LED LIGHT ENGINE, 60LED 133W LAMP WITH BACKLIGHT CONTROL, 3000°K, TYPE III, FULL CUTOFF OPTICS, 90% POWER FACTOR DIMMABLE DRIVER, UNIVERSAL VOLTAGE, COLOR TO MATCH POLE. | FIXTURE: LEOTEK GREEN COBRA<br>CAT#: GC1-60F-MV-WW-3-GY-700-PCR7-CR-WL<br>OR APPROVED EQUAL | 133W<br>60LED<br>3000°K | MULTI<br>TAP<br>VOLT<br>120-<br>277V |        |  |

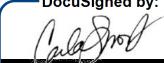


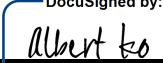
DETAIL A  
NO SCALE





It is recommended that the Board of Supervisors approve the Third Amendment and adopt this resolution.

X DocuSigned by:  
  
Short, Carla 073CF73A4EA6486...  
Caltrans DMA Third Amendment

X DocuSigned by:  
  
Ko, Albert J 281DC30E04CF41A...  
Engineer

**Public Works Order No: \_\_\_\_\_**

**Recommending approval of and transmitting to the Board of Supervisors a resolution to approve the Third Amendment to the Agreement for Maintenance of State Highways in San Francisco between the City and County of San Francisco and the State of California Department of Transportation (Caltrans) to include City's maintenance and operation of additional traffic control devices on right-of-way within Caltrans jurisdiction, along State Route 280, on eastbound Alemany Boulevard at San Bruno Avenue and to authorize the Public Works Director to execute such Third Amendment.**

By this Order, the Public Works Director recommends that the Board of Supervisors approve the third amendment ("Third Amendment" or "Amendment No. 3") to the Agreement for Maintenance of State Highways in San Francisco by and between the City and County of San Francisco and the State of California Department of Transportation, executed on July 2, 2009 and amended by Amendment No. 1 on October 27, 2011, and amended by Amendment No. 2 on October 19, 2018 ("Maintenance Agreement"), and transmits to the Board of Supervisors the proposed Third Amendment and a resolution that would approve and authorize the Director to execute the Third Amendment.

The Third Amendment would amend the Maintenance Agreement to authorize and memorialize the expansion of the City's maintenance responsibilities of electronically operated traffic control devices to include vehicle signals installed along State Route 280, at approximately Postmile 2.05 area and on eastbound Alemany Boulevard at San Bruno Avenue, as part of the Alemany Interchange Phase II Project. The new traffic control devices are intended to improve safety of the intersection for pedestrians crossing Alemany Blvd and entering the Alemany Farmer's Market.

The following is hereby transmitted for consideration by the Board of Supervisors:

1. Proposed Board Resolution approving the Third Amendment to the Maintenance Agreement
2. Third Amendment to the Maintenance Agreement including updated Exhibits
3. Maintenance Agreement, as amended by Amendment No. 1 and No. 2

It is recommended that the Board of Supervisors approve the Third Amendment and adopt this resolution.

**From:** [Pereyra.Victor@DOT](mailto:Pereyra.Victor@DOT)  
**To:** [Major.Erica \(BOS\)](mailto:Major.Erica (BOS))  
**Subject:** RE: REFERRAL FYI (221082) Agreement Amendment - Caltrans Maintenance Agreement - Incorporate Traffic Control Devices  
**Date:** Wednesday, November 2, 2022 5:27:51 PM

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

Hello, Erica.

This e-mail is to confirm that upon review completion, we have no comments to add to the attached resolution.

Thank you.

Victor Pereyra

Maintenance Agreement Coordinator – San Francisco and Marin Counties, Clean CA MA

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**From:** Major, Erica (BOS) <erica.major@sfgov.org>  
**Sent:** Friday, October 21, 2022 10:55 AM  
**To:** Pereyra, Victor@DOT <victor.pereyra@dot.ca.gov>; Short, Carla (DPW) <Carla.Short@sfdpw.org>  
**Cc:** Steinberg, David (DPW) <david.steinberg@sfdpw.org>; Schneider, Ian (DPW) <ian.schneider@sfdpw.org>; Thomas, John (DPW) <John.Thomas@sfdpw.org>; Liu, Lena (DPW) <lena.liu@sfdpw.org>  
**Subject:** REFERRAL FYI (221082) Agreement Amendment - Caltrans Maintenance Agreement - Incorporate Traffic Control Devices

**EXTERNAL EMAIL.** Links/attachments may not be safe.

This matter is being forwarded to your department for informational purposes and for your review. If you have any 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. You may email them directly in PDF form for inclusion to the official Board file. Thank you for your attention.

**ERICA MAJOR**

**Assistant Clerk**

Board of Supervisors

1 Dr. Carlton B. Goodlett Place, City Hall, Room 244 San Francisco, CA 94102

Phone: (415) 554-4441 | Fax: (415) 554-5163

[Erica.Major@sfgov.org](mailto:Erica.Major@sfgov.org) | [www.sfbos.org](http://www.sfbos.org)

**(VIRTUAL APPOINTMENTS)** To schedule a “virtual” meeting with me (on Microsoft Teams), please ask and I can answer your questions in real time.

*Due to the current COVID-19 health emergency and the Shelter in Place Order, the Office of the Clerk of the Board is working remotely while providing complete access to the legislative process and our services.*

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BOARD of SUPERVISORS



City Hall

Dr. Carlton B. Goodlett Place, Room 244  
San Francisco, CA 94102-4689  
Tel. No. (415) 554-5184  
Fax No. (415) 554-5163  
TDD/TTY No. (415) 554-5227

October 21, 2022

**File No. 221082**

Lisa Gibson  
Environmental Review Officer  
Planning Department  
49 South Van Ness Avenue  
San Francisco, CA 94103

Dear Ms. Gibson:

On October 18, 2022, Mayor Breed introduced the following proposed legislation:

**File No. 221082**

**Resolution approving the Third Amendment to the Agreement for Maintenance of State Highways in San Francisco between the City and the State of California Department of Transportation (Caltrans) to include City's maintenance and operation of additional traffic control devices on right-of-way within Caltrans jurisdiction, along State Route 280, on eastbound Alemany Boulevard at San Bruno Avenue; affirming the Planning Department's determination under the California Environmental Quality Act; and authorizing the Public Works Director to enter into modifications and amendments to the Third Amendment that do not materially increase the obligations or liabilities to the City or materially decrease the public benefits accruing to the City and are necessary to effectuate the purposes of the project or this Resolution.**

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

A handwritten signature in black ink, 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



## MEMORANDUM

TO: Victor Pereyra, Maintenance Agreement Coordinator, Caltrans  
Carla Short, Interim Director, Public Works

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

DATE: October 21, 2022

SUBJECT: LEGISLATION INTRODUCED

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The Board of Supervisors' Land Use and Transportation Committee has received the following proposed legislation, introduced by Mayor Breed on October 18, 2022.

**File No. 221082**

**Resolution approving the Third Amendment to the Agreement for Maintenance of State Highways in San Francisco between the City and the State of California Department of Transportation (Caltrans) to include City's maintenance and operation of additional traffic control devices on right-of-way within Caltrans jurisdiction, along State Route 280, on eastbound Alemany Boulevard at San Bruno Avenue; affirming the Planning Department's determination under the California Environmental Quality Act; and authorizing the Public Works Director to enter into modifications and amendments to the Third Amendment that do not materially increase the obligations or liabilities to the City or materially decrease the public benefits accruing to the City and are necessary to effectuate the purposes of the project or this Resolution.**

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](mailto:Erica.Major@sfgov.org).

cc: David Steinberg, Public Works  
Ian Schneider, Public Works  
John Thomas, Public Works  
Lena Liu, Public Works