

File No. 221082 Committee Item No. 3  
Board Item No. \_\_\_\_\_

## COMMITTEE/BOARD OF SUPERVISORS

### AGENDA PACKET CONTENTS LIST

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

Board of Supervisors Meeting Date \_\_\_\_\_  
Cmte Board

<input type="checkbox"/>	<input 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 \_\_\_\_\_

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. @ San Bruno Ave.	SF	Vehicle Signals E34F2	A, B, C, D, E, F G, H, I, J, K, M, N (see Exhibit B: Page 12 & Page 13 for 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.

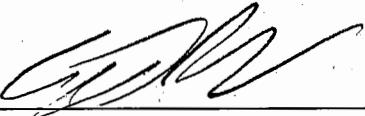
IX. Nothing in the provisions of this Agreement is intended to create duties or obligations to or rights in third parties not parties to this contract or to affect the legal liability of either party to the contract by imposing any standard of care respecting the maintenance of State Highways different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

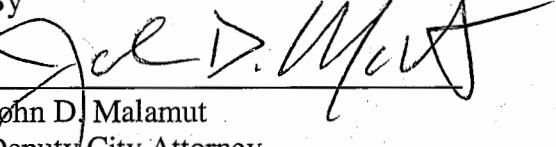
CITY AND COUNTY OF  
SAN FRANCISCO

  
ED REISKIN  
Director of Public Works

Approved as to form:

DENNIS J. HERRERA  
City Attorney

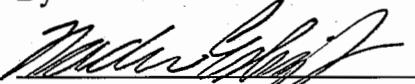
By

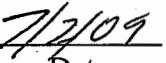
  
John D. Malamut  
Deputy City Attorney

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 HM2C HM2D HM2E HM4K	\$ 92,900.00 2,300.00 <b>69,707.00</b> 10,500.00 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 HM4K	7,921.00 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 HM2C HM2D HM2E HM4K	11,600.00 1,200.00 <b>15,842.00</b> 0.00 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) HM2D(R/W) HM4K	30,200.00 <b>138,621.00</b> 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 HM2C HM2D HM2E HM4K	1,200.00 600.00 <b>7,921</b> 0.00 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.  (See footnote 8)	HM2C(R/W) HM2D(R/W) HM4K	23,200.00 39,606.00 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)  Van Ness Avenue from Golden Gate Avenue to Lombard Street, a length of 2.16 miles  (See footnotes 5, 7, 8,9)	HM1A, 1B HM2C HM2D HM2E HM4K	34,800.00 1,200.00 126,739.00 0.00 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  (See footnotes 6, 7, 8,9)	HM1A, 1B HM2C HM2D HM2E HM4K	23,200.00 0.00 19,011 0.00 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.  (See footnote 8)	HM2C(R/W)  HM4K	8,200.00  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 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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Rte	PM	Intersection	Rate	Equipment	Int or Pole No	Units	% State	% City
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

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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

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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

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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**

---

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.

---

June 9, 2009 Board of Supervisors — ADOPTED

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

File No. 090630

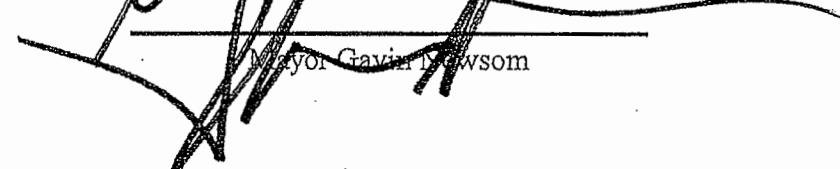
I hereby certify that the foregoing Resolution  
was ADOPTED on June 9, 2009 by the Board  
of Supervisors of the City and County of San  
Francisco.



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

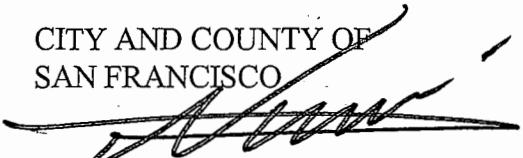
WHEREAS, CITY now desires to install 19<sup>th</sup> Avenue Streetscape Improvements on STATE Route 1 from Junipero Serra Boulevard to Lincoln Way, consisting of median landscaping ("MEDIAN LANDSCAPING") for traffic calming, safety and comfort; and

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

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

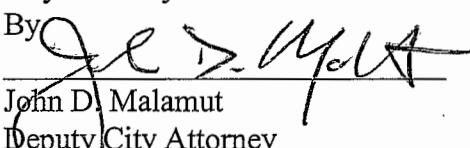
1. The attached Page 5 dated 10/27, 2011 and noted as Amendment No.1 shall cancel and supersede the like numbered page in AGREEMENT and become a part of AGREEMENT for all purposes. In all other respects, AGREEMENT shall remain in full force and effect.
2. This Amendment No. 1 to AGREEMENT shall become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

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 HM2C HM2D HM2E HM4K	\$ 92,900.00 2,300.00 <b>69,707.00</b> 10,500.00 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 HM4K	<b>7,921.00</b> 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".

**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

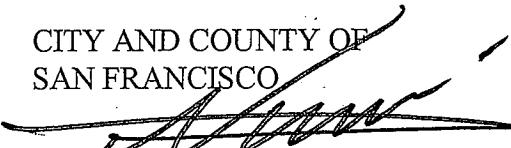
WHEREAS, CITY now desires to install 19<sup>th</sup> Avenue Streetscape Improvements on STATE Route 1 from Junipero Serra Boulevard to Lincoln Way, consisting of median landscaping ("MEDIAN LANDSCAPING") for traffic calming, safety and comfort; and

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

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

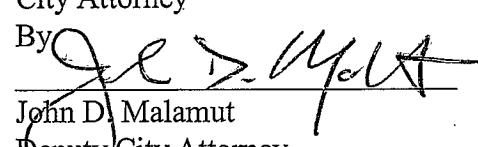
1. The attached Page 5 dated 10/27, 2011 and noted as Amendment No.1 shall cancel and supersede the like numbered page in AGREEMENT and become a part of AGREEMENT for all purposes. In all other respects, AGREEMENT shall remain in full force and effect.
2. This Amendment No. 1 to AGREEMENT shall become 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 Date  
10/27/11  
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 HM2C HM2D HM2E HM4K	\$ 92,900.00 2,300.00 <b>69,707.00</b> 10,500.00 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 HM4K	<b>7,921.00</b> 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.

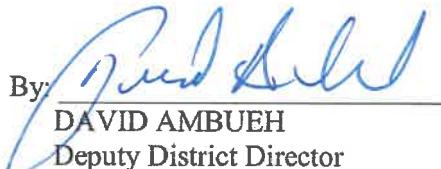
IN WITNESS WHEREOF, PARTIES hereto have set their hands and seals the day and year first above written.

THE CITY AND COUNTY OF  
SAN FRANCISCO

By:   
MOHAMMED NURU  
Director of Public Works

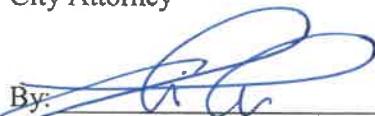
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

LAURIE BERMAN  
Director of Transportation

By:   
DAVID AMBUEH  
Deputy District Director  
District 4 Maintenance

Approved as to form:

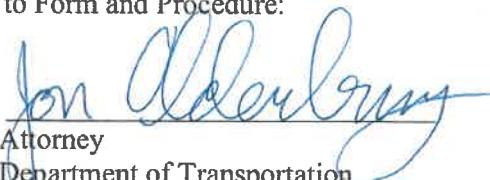
DENNIS J. HERRERA  
City Attorney

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. (See footnotes 1, 7, 8, 9*, and 11*)	HM1A, 1B HM2C HM2D HM2E HM4K	92,900.00 2,300.00 69,707.00 10,500.00 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 (See footnotes 2, 8)	HM2D HM4K	7,921.00 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. (See footnote 8)	HM2C(R/W) HM4K	8,200.00 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 ACORDANCE 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, [See Footnote ( c )]	SF	150W HP-Sodium 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 [See Footnote ( a )]	SF	HAWK Beacon		2	50.00	50.00
35	2.25	34th Ave/Clearfield Drive, [See Footnote ( a )]	SF	200W HPS Signals-TA		4	50.00	50.00
35	2.32	Lakeshore Plaza/Sloat Blvd, [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 [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 [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 [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 [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 [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

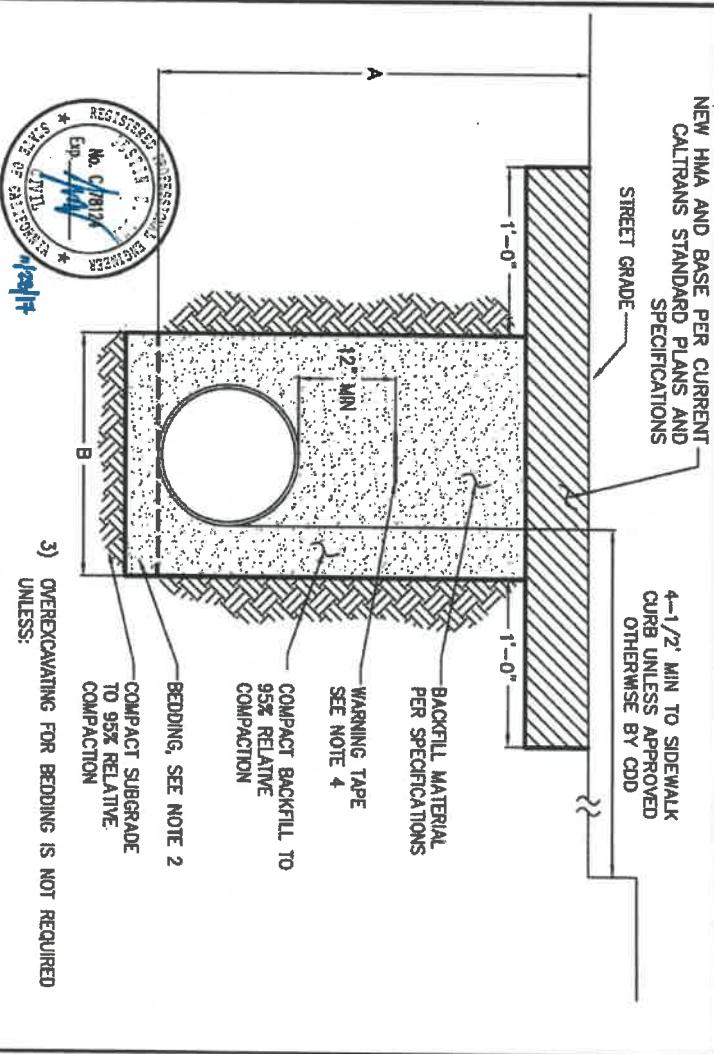
### SPECIFIED STATE ROUTES

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

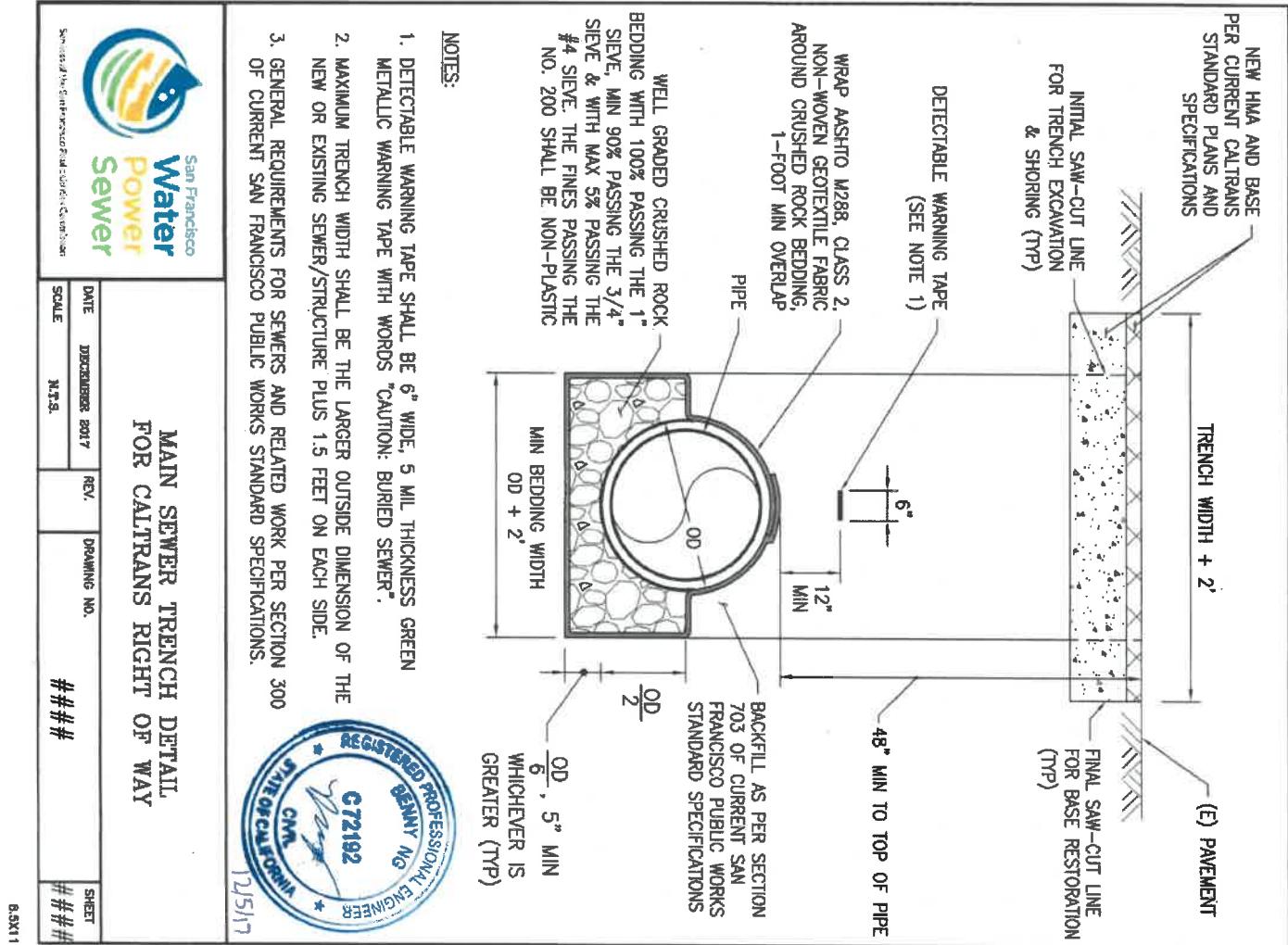
 <b>San Francisco</b> <b>Water</b> <b>Power</b> <b>Sewer</b>	<b>WATER ENTERPRISE - CITY DISTRIBUTION DIVISION STANDARD PLANS</b> <b>WATER WORK TRENCH DETAIL</b> <b>FOR CALTRANS RIGHT OF WAY</b>			
	Segment of the San Francisco Public Utilities Commission	DATE NOV 2017	REV. 0	DRAWING NO. #####
	SCALE N.T.S.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

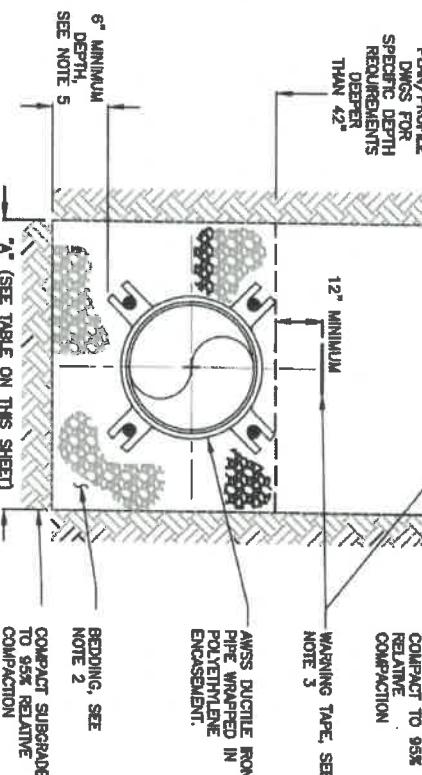
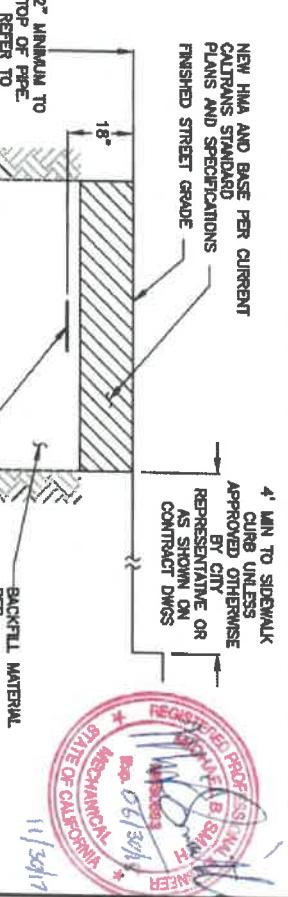


CITY shall be responsible for performing the maintenance and repair for all failures or defects of the roadway infrastructure resulting from the construction and use of the CITY- Trench Details.

## EXHIBIT C

Amendment No. 2  
DMA

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



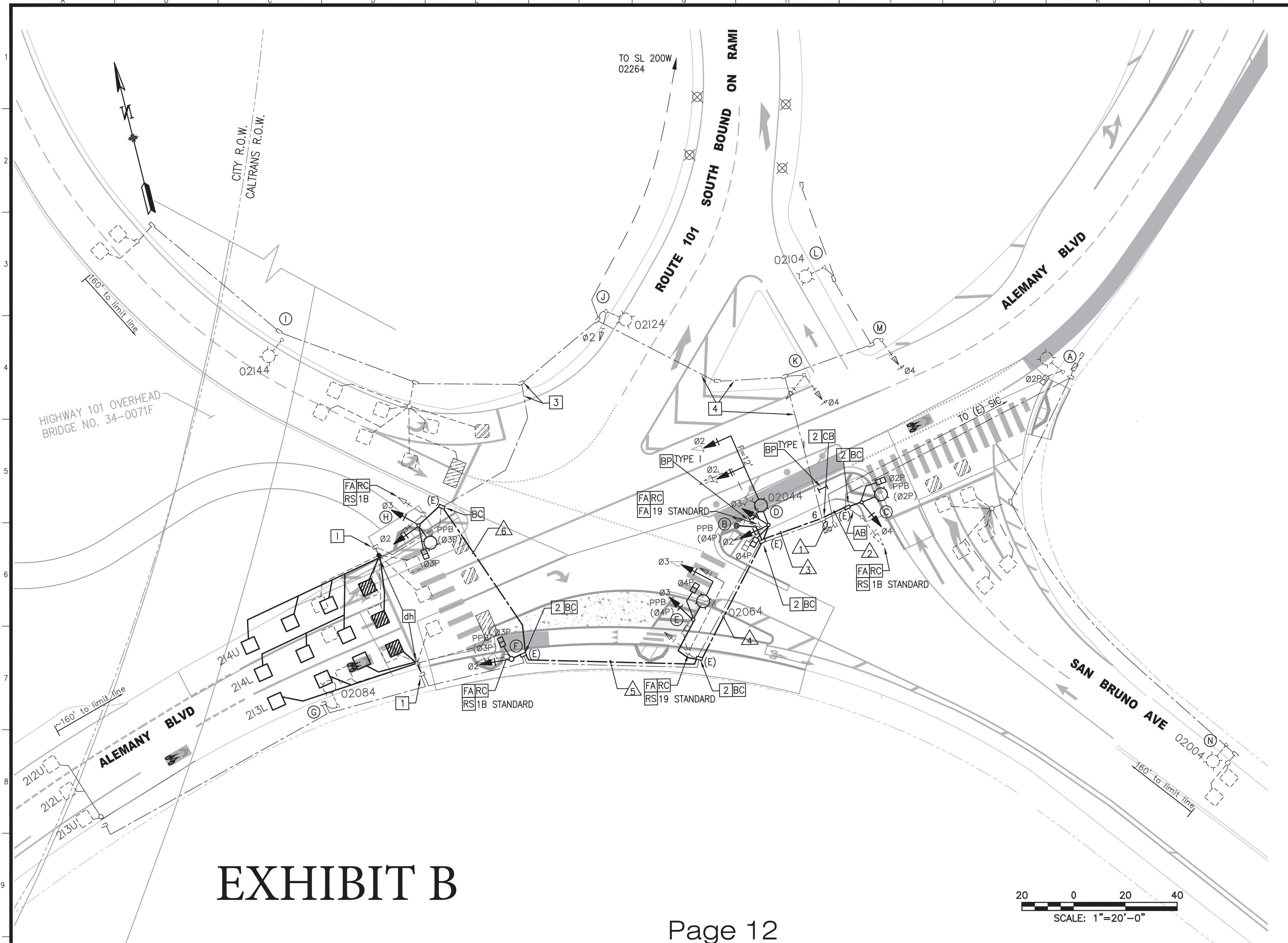
1. MINIMUM TRENCH DEPTHS AND TRENCH WIDTHS MUST BE ADHERED TO UNLESS OTHERWISE APPROVED BY THE CITY REPRESENTATIVE.
2. OVER EXCAVATING FOR BEDDING IS NOT REQUIRED UNLESS A BOTTOM OF TRENCH EXCAVATION IS IN BEDROCK, WHERE BEDDING SHALL BE 12" THICK.
3. BEDDING SHALL BE APPROVED CLEAN SAND OR 3/4" DRAIN 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 - 5000 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 BOTTOM MOST PAIR OF LUGS TO BOTTOM OF TRENCH.

NOMINAL AWSS PIPE DIAMETER (PIPE SLEEVING)	MINIMUM TRENCH 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 PUBLIC WORKS MECHANICAL SECTION</p>			
DATE	OCTOBER 2017	REV.	DRAWING NO.
SCALE	W.T.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.



# EXHIBIT B

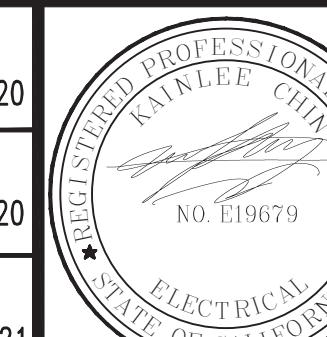
# Page 12

NO.	DATE	DESCRIPTION	BY	APP.
<b>TABLE OF REVISIONS</b>				
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

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



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

Drawing Path: V:\30006J\_Alemany\_Interchange\_Improvements\2\_Design\Working\_Drawings\Current\Traffic\_Signal\Caltrans - San Bruno ET-2.0 4-27-2021.dwg, Login: GBDimension Scale: 1 Model Units: Feet  
Measurement Units are English  
lot Time: Fri, 30 Apr 2021 - 9:24am

## 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 CITY & COUNTY OF SAN FRANCISCO SAN FRANCISCO PUBLIC WORKS 49 SOUTH VAN NESS AVENUE, 8TH FLOOR SAN FRANCISCO, CA 94103	Date: 05/03/2021 DESIGNED: 10/2020 DRAWN: 05/05/2021 Acting Section Mgr: KENNY CHIN Acting Deputy Bureau Mgr: LESLEY WONG Acting Bureau Mgr: IQBAL DHAPA	DATE: 05/10/2020 DATE: 10/2020 DATE: 05/10/2021 DESIGNED: PL/GL DRAWN: GL CHECKED: DG/SR	DATE: 04/2021 DESIGNED: 10/2020 DRAWN: 10/2020 CHECKED: 04/2021	SCALE: NONE SHEET OF SHEETS: 35 OF 41	ALEMANY INTERCHANGE IMPROVEMENTS PHASE 2 TRAFFIC SIGNAL ALEMANY BLVD AND SAN BRUNO AVE CONDUCTOR, POLE AND EQUIPMENT SCHEDULES	CONTRACT NO. 000003760 DRAWING NO. EC-1.1 FILE NO. 118,890 REV. NO. 0
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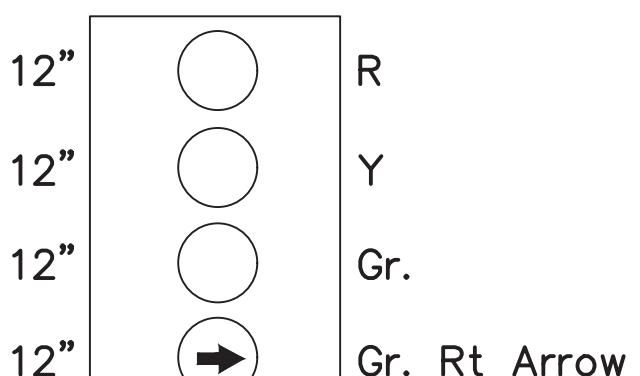
Page 13

## POLE AND EQUIPMENT SCHEDULE

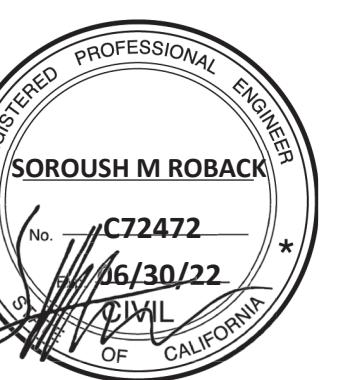
No.	STANDARD			VEH. SIGNAL MOUNTING MAST ARM	PED SIGNAL MOUNTING POLE	PPB Ø	LUMINAIRE (WATTS)	SPECIAL REQUIREMENTS
	TYPE	SIG. MA	LUM. MA					
(A)	(E) 15			(E) 15'		(E) SP-1-T	2P	(E) 200
(B)	PPB POST						4P	
(C)	15TS				SV-1-T	SP-1-T	2P	133
(D)	24-4-100	35'	15'	MAS	SV-2-TA	SP-1-T		133
(E)	17-2-100	20'	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 CAT#: GC1-60F-MV-WW-3-GY-700-PCR7-CR-WL OR APPROVED EQUAL	133W 60LED 3000°K	MULTI TAP VOLT 120- 277V		



DETAIL A  
NO SCALE





San Francisco Public Works  
General – Director's Office  
49 South Van Ness Ave., Suite 1600  
San Francisco, CA 94103  
(628) 271-3160 [www.SFPublicWorks.org](http://www.SFPublicWorks.org)

**Public Works Order No: 207167**

**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.**

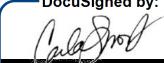
By this Order, the Public Works Director recommends that the Board of Supervisors approve the third amendment ("Third Amendment" or "Amendment No. 3") to the Agreement for Maintenance of State Highways in San Francisco by and between the City and County of San Francisco and the State of California Department 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.

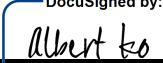
The Third Amendment would amend the Maintenance Agreement to authorize and memorialize the expansion of the City's maintenance responsibilities of electronically operated traffic control devices to include vehicle signals installed along State Route 280, at approximately Postmile 2.05 area and on eastbound 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.

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.**

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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.*

Click [HERE](#) to complete a Board of Supervisors Customer Service Satisfaction form.

The [Legislative Research Center](#) provides 24-hour access to Board of Supervisors legislation, and archived matters since August 1998.

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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