


MEMORANDUM

TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

FROM: Al Herce 
Central Subway Project
Traffic Engineer – Contract 1253

DATE: May 2, 2013

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Traffic Signal
Cabinet and Foundation Installation on Ellis Street, Stockton Street,
Market Street, and 4th Street Intersection

RECEIVED
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS

*OK
pml 7/19/13*

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (Traffic Signal Controller Cabinet and Foundation) on Ellis Street, Stockton Street, Market Street, and 4th Street Intersection.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, I can be reached at (415) 701-4552.

Attachments:

1. Pre-Site Visit Checklist
2. SFMTA Five Year Plan
3. Cabinet and Foundation Specifications
4. Detailed Drawing of Proposed SMF Location
5. Photographs of Proposed SMF Location
6. Proposed Public Notice

AH: dc

Edwin M. Lee
Mayor

Tom Nolan
Chairman

Cheryl Brinkman
Vice-Chairman

Leona Bridges
Director

Malcolm Heinicke
Director

Jerry Lee
Director

Joél Ramos
Director

Cristina Rubke
Director

Edward D. Reiskin
*Director of
Transportation*



EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works



Bureau of Street-use and Mapping

Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency ADDRESS: 1 So. Van Ness Ave, S.F., CA 94103

Contact Name: Al Herce TEL. NO.: (415) 701 - 4552 FAX: (415) 701 - 4737

Date: **May 2, 2013** Proposed Location: **Ellis, Stockton, Market, and 4th Streets Intersection**

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2013 with: Al Herce Tel. No.:(415) 701-4552

Request for site visit is denied
 Site visit not required because:

Proposed location for the new traffic signal controller cabinet is o.k.

Reviewed By Rene Lopez RLM 7/10/13 Tel. No.: (415) 554-6201

NOTE: PLEASE START THE 20-DAY NOTIFICATION.

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for the traffic signal controller cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of the traffic signal controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of traffic signal controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There are two (2) existing traffic signal controller cabinet facing south on the southwest corner of Ellis Street and Stockton Street. Both existing controller cabinets will be removed and the new traffic signal cabinet will be installed within same footprint.

PROJECTS

Street Name: ELLIS ST Utility: Project Name: Coordination Project: show joint opportunities [SEARCH] [RESET]

36 record(s) locations shaded in gray indicate a paving conflict

sort direction Ascending Descending

street name	limits	utility	project	start date	end date	duration	location phase	flag	project list
ELLIS ST	04TH ST \ MARKET ST \ STOCKTON ST intersection	DPT	IENDERLOIN	4/1/2016	3/31/2017	364	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination 	filter by street name -- remove filter -- ELLIS ST
ELLIS ST	04TH ST \ MARKET ST \ STOCKTON ST intersection	MUNI	Central Subway	1/4/2010	2/27/2017	2611	Under Construction	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination 	filter by project name -- remove filter -- +Divisadero 3 1263J 14-006 2029J Transition Plan 2066J 2182J 2194J
ELLIS ST	04TH ST \ MARKET ST \ STOCKTON ST intersection	PGE	Market St LP to HP	1/2/2013	6/30/2013	179	Under Construction	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination 	
ELLIS ST	04TH ST \ MARKET ST \ STOCKTON ST intersection	PAVING	Central Subway P2-CN1253-UMS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination 	
ELLIS ST	04TH ST \ MARKET ST \ STOCKTON ST to POWELL ST (1 - 99)	MUNI	Central Subway	1/4/2010	2/27/2017	2611	Under Construction	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination 	
ELLIS ST	04TH ST \ MARKET ST \ STOCKTON ST to POWELL ST (1 - 99)	PAVING	Central Subway P2-CN1253-UMS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination 	
ELLIS ST	POWELL ST intersection	DPT	IENDERLOIN	4/1/2016	3/31/2017	364	Proposed	<ul style="list-style-type: none"> moratorium ends 1/28/2016 	
ELLIS ST	CYRIL MAGNIN ST intersection	DPT	IENDERLOIN	4/1/2016	3/31/2017	364	Proposed	<ul style="list-style-type: none"> moratorium ends 1/28/2016 needs coordination 	
ELLIS ST	CYRIL MAGNIN ST intersection	DPT	Reopening Closed Crosswalks	9/1/2013	12/1/2014	456	Proposed	<ul style="list-style-type: none"> moratorium ends 1/28/2016 needs coordination 	
ELLIS ST	CYRIL MAGNIN ST to MASON ST (141 - 199)	SEWER	N/A	7/1/2013	7/21/2013	20	Proposed	<ul style="list-style-type: none"> moratorium ends 1/28/2016 needs coordination 	

Operator '=' is not defir 'Integer' and type 'DBN'

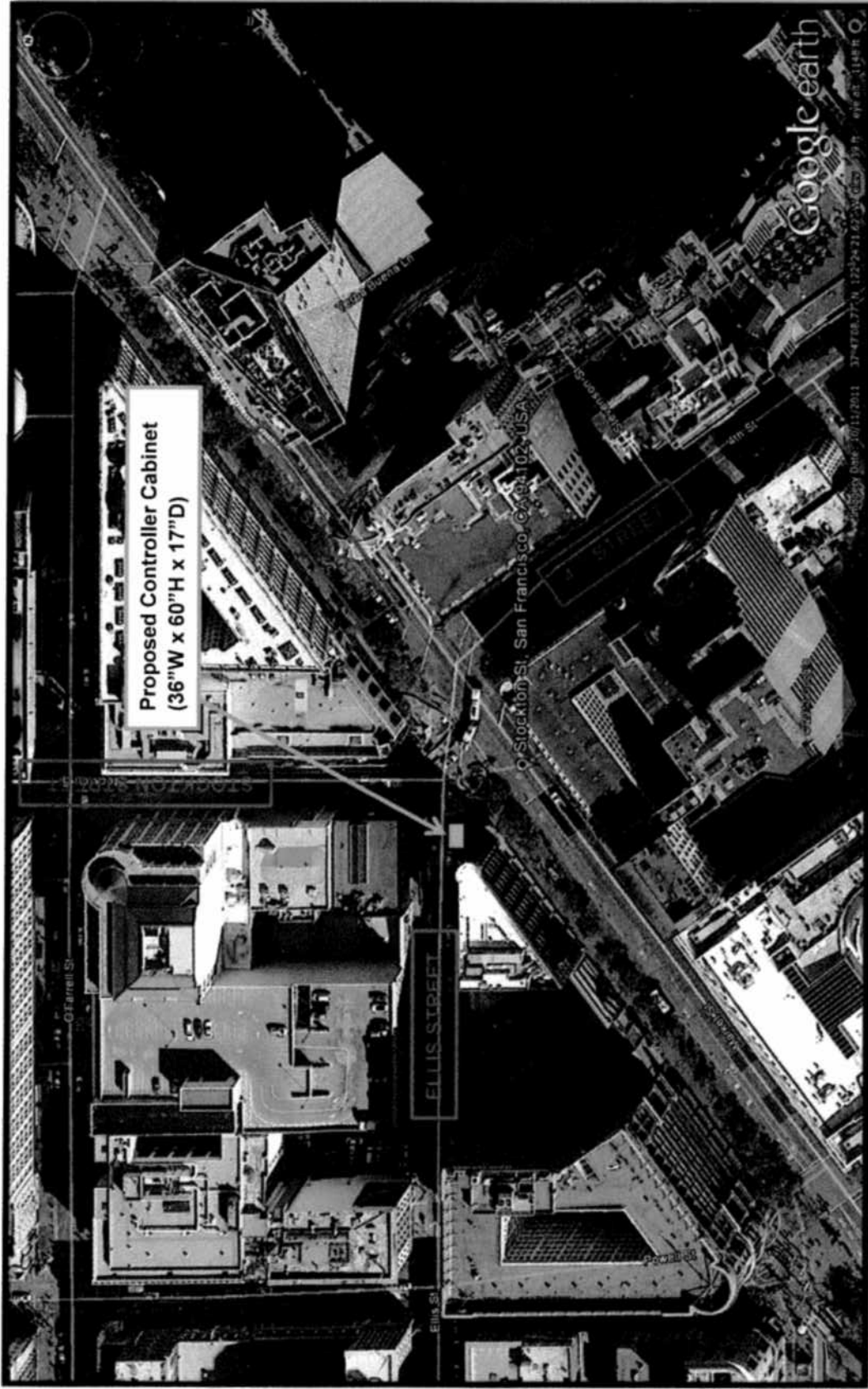
at Microsoft.VisualBasic.C Left, Object Right, Bool TextCompare) at _Projects.GridViewLoca sender, GridViewRowE D:\Inetpub\ESMInterne 788

ADD -> ELLIS ST. BET. 04th ST. / MARKET ST. / STOCKTON ST. TO POWELL ST. (SOUTH SIDE)

DIMENSIONS FOR M-SF CONTROLLER CABINET



Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



ELLIS, STOCKTON, MARKET, AND 4TH STREETS INTERSECTION – AERIAL VIEW



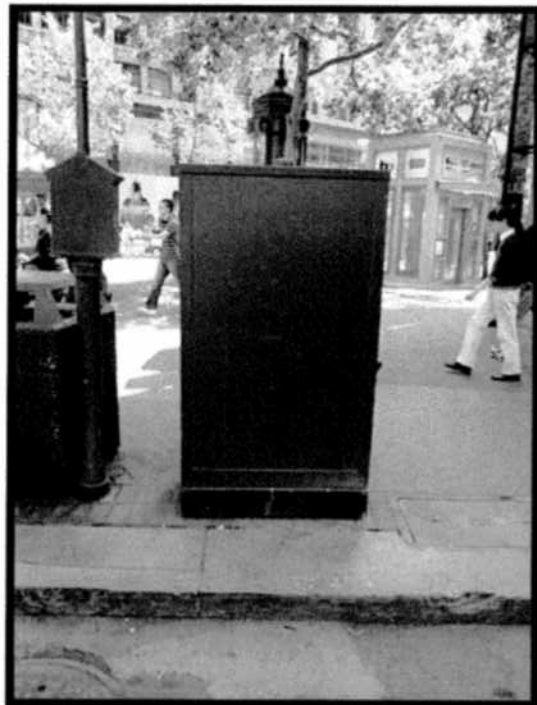
ELLIS, STOCKTON, MARKET, AND 4TH STREETS INTERSECTION – SW CORNER (PROPOSED LOCATION)



LEFT SIDE



RIGHT SIDE



BACK SIDE

**ELLIS, STOCKTON, MARKET, AND 4TH STREETS INTERSECTION –
SW CORNER
(Existing Traffic Signal Controller Cabinet)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new traffic signal controller cabinet at the southwest corner of Ellis Street, Stockton Street, Market Street, and 4th Street Intersection. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

Traffic signal controller cabinets are needed to house the signal controller and other equipment that will control and monitor the proper functioning of the traffic signals. The location of the controller cabinet is limited to the portion of the sidewalk as close to the existing controller cabinet as practical. Traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible. Traffic signal controller cabinets already exist on Ellis Street, Stockton Street, Market Street, and 4th Street Intersection. The existing traffic signal controller cabinet will be removed and the new traffic controller cabinet will be installed on the same footprint.

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-5290

Controller Cabinet is 36"W x 60"H x 17"D;
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San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

May 8, 2013

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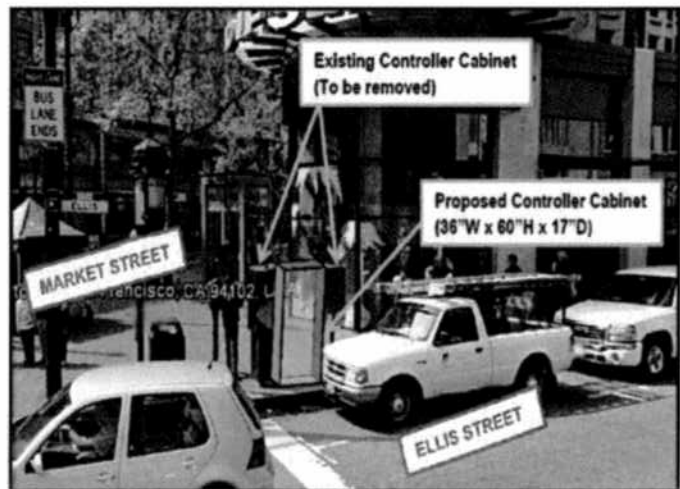
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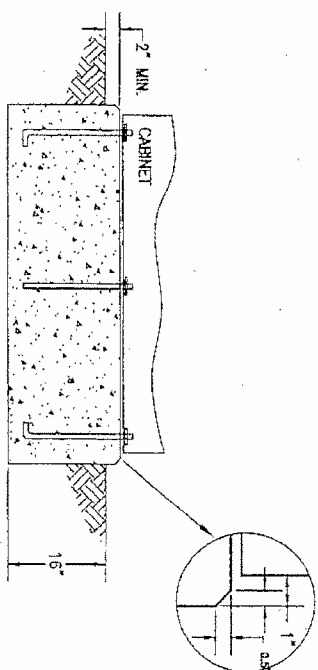
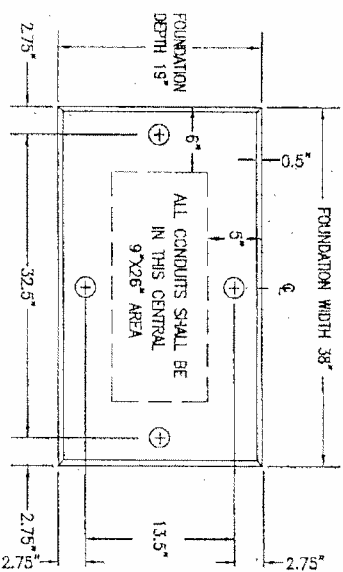
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One South Van Ness Avenue, 7th Floor
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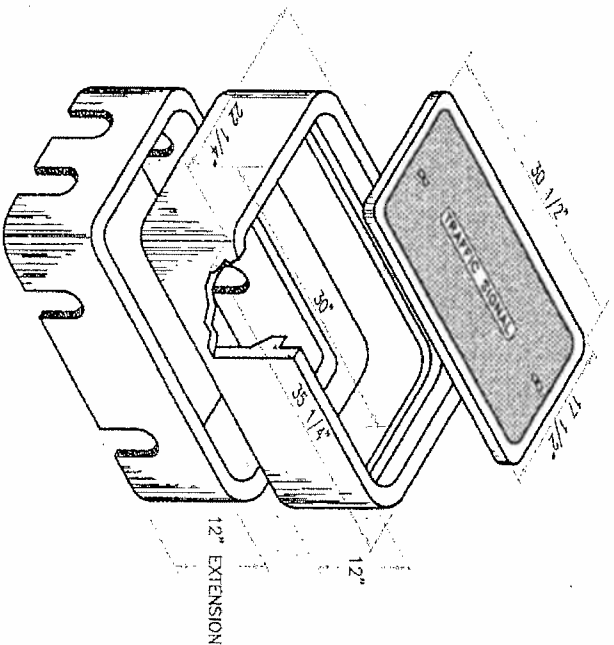




M-SF CABINET FOUNDATION

2 DETAIL
 ET-202 NIS

- NOTES:**
1. SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER CALTRANS "M" FOUNDATION (SEE CTSIP ES-4B) WITH THE FOLLOWING EXCEPTIONS:
 - A. FOUNDATION HEIGHT OF 18" (SEE NOTE 2)
 - B. FOUNDATION WIDTH OF 38"
 - C. FOUNDATION DEPTH OF 19"
 - D. CHAMFER EDGE 1/2" X 1/2"
 - E. FOUR ANCHOR BOLTS AS SHOWN.
 - F. ANCHOR BOLTS SHALL EXTEND 2" TO 2-1/4" ABOVE TOP OF FOUNDATION.
 - G. TOP SHALL BE LEVEL WITH A SMOOTH FINISH.
 - H. NO DRAIN PIPE IS REQUIRED.



TYPE 3X PULL BOX

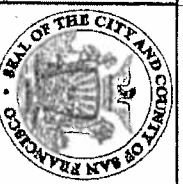
3 DETAIL
 ET-202 NIS



SFMTA

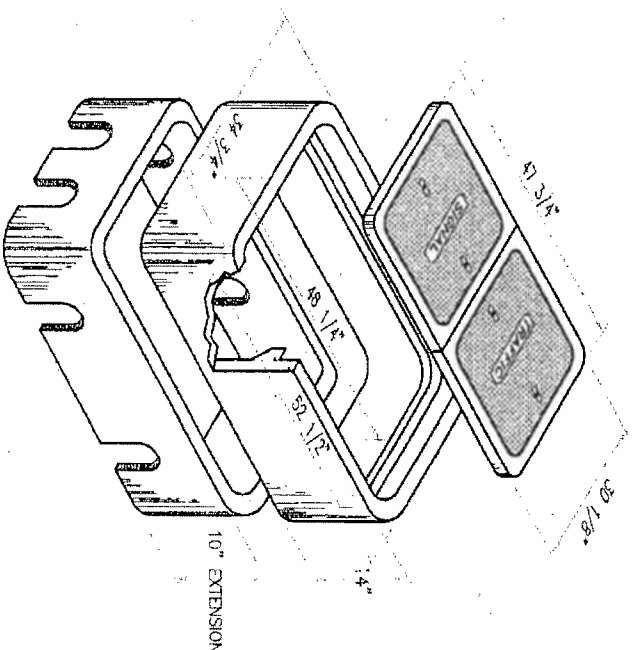
DATE	DESCRIPTION	BY	CHECKED	APPROVED
02/15/2012	ISSUED FOR BID			

DESIGNED BY	M. Spong
DRAWN BY	M. Spong
CHECKED BY	M. Spong
IN CHARGE	M. Spong
APPROVED BY	M. Spong
DATE	02/15/2012



MUNICIPAL TRANSPORTATION AGENCY

APPROVED
 K.C. DIRECTOR OF TRANSPORTATION

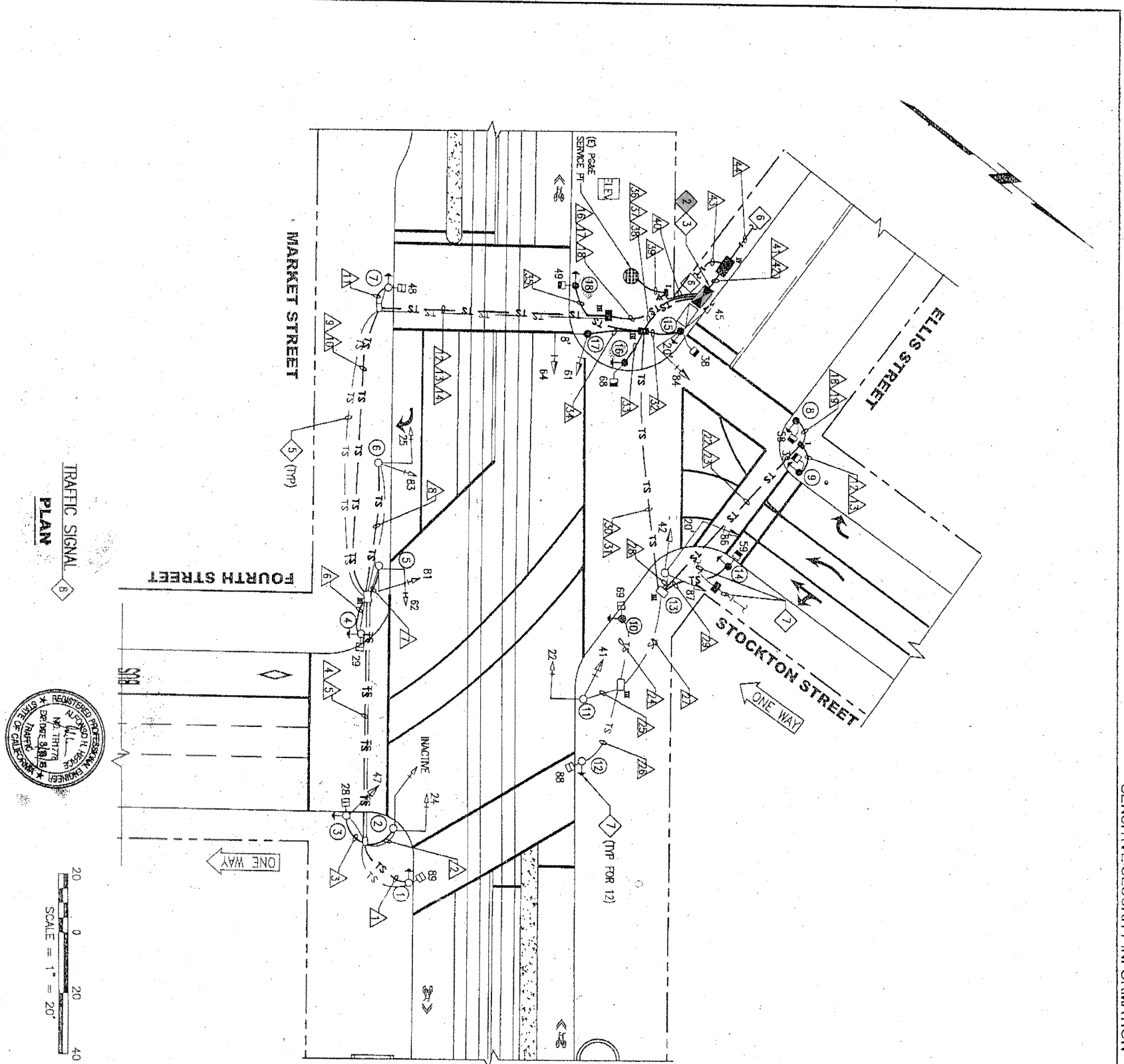


TYPE 4X PULL BOX

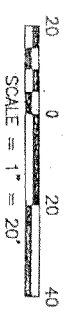
1 DETAIL
 ET-202 NIS

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 UNION SQUARE/MARKET STREET STATION
 TRAFFIC SIGNALS
 SHEET 2 OF 2

PROJECT NO.	1253
SHEET NUMBER	CL-19233
DATE	ET-202
REVISION	0



TRAFFIC SIGNAL PLAN



SFMTA

CITY AND COUNTY OF SAN FRANCISCO
 MUNICIPAL TRANSPORTATION AGENCY

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 UNION SQUARE/MARKET STREET STATION

TRAFFIC SIGNALS
 ELLIS, STOCKTON, MARKET, AND 4TH
 PLAN

DATE	DESCRIPTION	BY	CHECKED	APPROVED
02/15/2012	SIGNED FOR BB			

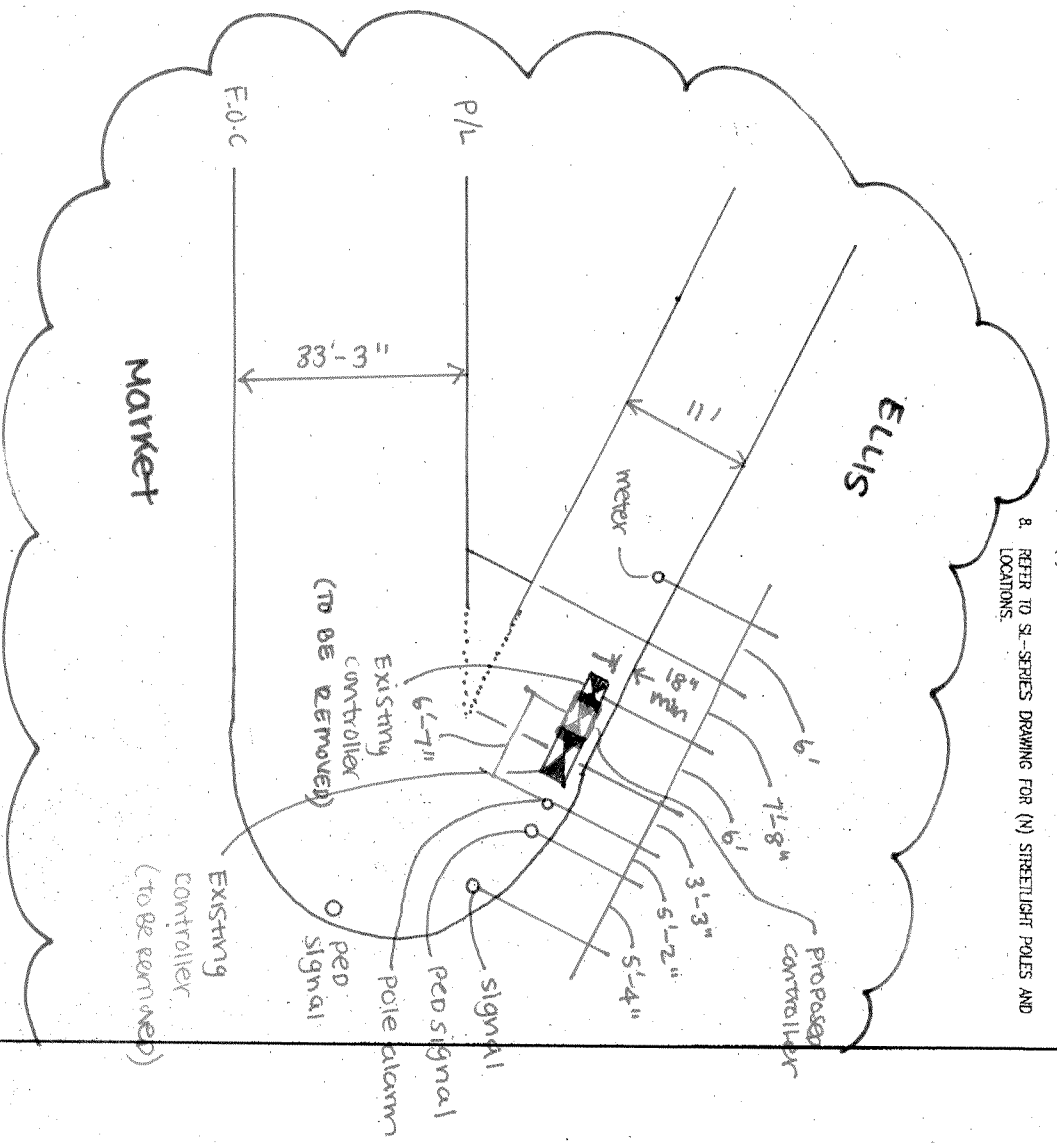
DESIGNED BY: W. SEINE, L.S. 51649
 DRAWN BY: M. J. HERRING, L.S. 52646
 CHECKED BY: D. VANDERSTRAAT, L.S. 52646
 APPROVED BY: R. STEWART, L.S. 52646

NOT VALID UNLESS SIGNED

APPROVED: [Signature]
 DIRECTOR OF TRANSPORTATION

CONTRACT NO. 1253
 SERIAL CONTROL NO. CL-19230
 DRAWING NO. ET-108
 SHEET NO. 980

0



- NOTES:**
- REFER TO DRAWING ET-109 FOR POLE AND EQUIPMENT SCHEDULE & CONDUIT AND WIRING SCHEDULE.
 - F/A (N) TYPE N-SF TRAFFIC SIGNAL CABINET & CABINET FOUNDATION AND (N) TYPE 2070 INTERSECTION CONTROLLER. SEE ET-202 FOR N-SF CABINET & CABINET FOUNDATION INSTALLATION DETAILS.
 - F/A N-LINE RISE WITH 40 AMP RISE FOR THE 1/6 SERVICE.
 - APS UNIT SHALL HAVE A 4-FT X 4-FT LANDING CLEARANCE. THE CONTRACTOR SHALL LOCATE APS UNIT ON POLE IN FIELD WITH SFMTA TRAFFIC SIGNAL ENGINEER'S APPROVAL PRIOR TO INSTALLATION.
 - FOR CONDUITS TO BE REPLACED, F/A 1/4" MINION PULL ROPE, CAP ENDS, AND ABANDON IN PLACE.
 - EXTEND (N) 4-2" INTERCONNECT CONDUITS TO (E) AND PROVIDE CONNECTIONS.
 - F/A (N) TYPE 3X PULL BOX IN (E) CONDUIT RUN, CUT AND KNOTTY (E) CONDUITS AS NECESSARY.
 - REFER TO S1-SERIES DRAWING FOR (N) STREETLIGHT POLES AND LOCATIONS.



(415) 554-5810
FAX (415) 554-6161
http://www.sfdpw.org

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0006

Surface Mounted Facility Permit

Address : ELLIS ST: 04TH ST \
MARKET ST \ STOCKTON ST to
POWELL ST (1 - 99)

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new traffic signal controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: Ellis St. between 04th St. \ Market St. \ Stockton St. to Powell St. (south side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/05/2014

Applicant/Permittee

Date

Printed : 6/16/2014 9:22:01 AM

Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0006

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

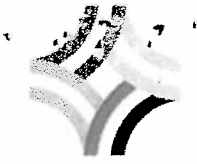
ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	ELLIS ST	04TH ST \ MARKET ST \ STOCKTON ST	POWELL ST	South	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		

Exceptions

14SMF-0006

Street Name	From St	To St	Message	Job	Contact	Dates
ELLIS ST						
	04TH ST \ MARKET ST \ STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	12BW-0012	Refer to Agent - Refer to Agent	
	04TH ST \ MARKET ST \ STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	13MFF-0023	Refer to Agent - Refer to Agent	Mar 16 2013-Mar 15 2014
	04TH ST \ MARKET ST \ STOCKTON ST	POWELL ST -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0535	(415) 819-8549 - (415) 819-8549	Jan 27 2014-Dec 31 2018
	04TH ST \ MARKET ST \ STOCKTON ST	POWELL ST -	Downtown Streetscape Zone. Please See Attachment.	N/A	John Kwong or Nick Elsner - (415) 554-5810	
	04TH ST \ MARKET ST \ STOCKTON ST	POWELL ST -	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018

No Diagram submitted



MEMORANDUM

TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

FROM: Al Herce *Al Herce*
Central Subway Project
Traffic Engineer – Contract 1253

DATE: May 2, 2013

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Traffic Signal
Cabinet and Foundation Installation on O'Farrell Street and
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MAY 09 2013

DEPT OF PUBLIC WORKS

OK
mm 7/10/13

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Jerry Lee
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Joél Ramos
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Cristina Rubke
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*Director of
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EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works



Bureau of Street-use and Mapping

Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency ADDRESS: 1 So. Van Ness Ave, S.F., CA 94103

Contact Name: Al Herce TEL. NO.: (415) 701 - 4552 FAX: (415) 701 - 4737

Date: May 2, 2013 Proposed Location: O'Farrell Street and Stockton Street

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for: _____, 2013 with: Al Herce Tel. No.: (415) 701-4552

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Reviewed By Rene Lopez RLM 7/10/13 Tel. No.: (415) 554-6201

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5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of traffic signal controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There is an existing traffic signal controller cabinet facing north on the northeast corner of O'Farrell Street and Stockton Street. The existing controller cabinet will be removed and the new traffic signal cabinet will be installed on the same footprint.

PROJECTS

download project level data

Street Name: OFARRELL ST Utility: Project Name: Coordination Project:

SEARCH RESET

Street Name	Inter	Utility	Project	Start Date	End Date	Duration	Location Phase	Flag	Project List
OFARRELL ST	GRANT AVE \ MARKET ST Intersection	PCE	Market ST LP to HP	1/2/2013	6/30/2013	179	Under Construction	needs coordination	
OFARRELL ST	GRANT AVE \ MARKET ST to SECURITY PACIFIC PL (1 - 49)	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	
OFARRELL ST	SECURITY PACIFIC PL Intersection	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	
OFARRELL ST	SECURITY PACIFIC PL Intersection	RAMP	2029 Transition Plan Curb Ramps FY11-12	5/19/2012	5/18/2013	364	Under Construction	needs coordination	
OFARRELL ST	SECURITY PACIFIC PL to STOCKTON ST (16 - 99)	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	
OFARRELL ST	STOCKTON ST Intersection	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	
OFARRELL ST	STOCKTON ST to POWELL ST (100 - 199)	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	
OFARRELL ST	POWELL ST Intersection	DPT	TENDERLOIN	4/1/2016	3/31/2017	364	Proposed	needs coordination	
OFARRELL ST	CYRIL MAGNIN ST Intersection	DPT	TENDERLOIN	4/1/2016	3/31/2017	364	Proposed	needs coordination	
OFARRELL ST	CYRIL MAGNIN ST Intersection	DPT	Reopening Closed Crosswalks	9/1/2013	12/1/2014	456	Proposed	needs coordination	
OFARRELL ST	MASON ST Intersection	DPT	TENDERLOIN	4/1/2016	3/31/2017	364	Proposed	needs coordination	
OFARRELL ST	MASON ST Intersection	SFT	Condensate Return	1/1/2014	12/31/2015	729	Proposed	needs coordination	
OFARRELL ST	TAYLOR ST Intersection	DPT	TENDERLOIN	4/1/2016	3/31/2017	364	Proposed	needs coordination	
OFARRELL ST	LEAVENWORTH ST Intersection	DPT	TENDERLOIN	4/1/2016	3/31/2017	364	Proposed	needs coordination	
OFARRELL ST	LEAVENWORTH ST Intersection	SFPD	L-006	9/1/2017	7/1/2018	303	Proposed	needs coordination	
OFARRELL ST	LARKIN ST Intersection	DPT	TENDERLOIN	4/1/2016	3/31/2017	364	Proposed	needs coordination	
OFARRELL ST	LARKIN ST Intersection	DPT	Pedestrian Countdown Signal Project #1	4/1/2013	3/31/2014	364	Proposed	needs coordination	
OFARRELL ST	LARKIN ST to POLK ST (800 - 899)	DPT	Pedestrian Countdown Signal No. 1 Surface Mounted Facilities (Pedestrian Signal Improvements)	4/1/2013	3/31/2014	364	Proposed	needs coordination	
OFARRELL ST	POLK ST Intersection	DPT	Traffic Calming - Arterials	6/1/2013	6/30/2014	394	Proposed	needs coordination	
OFARRELL ST	POLK ST Intersection	DPT	Pedestrian Countdown Signal Project #1	4/1/2013	3/31/2014	364	Proposed	needs coordination	
OFARRELL ST	VAN NESS AVE Intersection	DPT	SFGO VAN NESS FIBER	7/1/2013	12/31/2014	546	Proposed	coordination confirmed: 10922	
OFARRELL ST	VAN NESS AVE Intersection	SFPD	WD-2499 (DC WITH PAVING)	12/18/2015	10/18/2016	305	Proposed	coordination confirmed: 10922	
OFARRELL ST	VAN NESS AVE Intersection	MUNI	Van Ness BRT/Repaving	12/18/2015	12/21/2017	734	Proposed	coordination confirmed: 10922	
OFARRELL ST	FRANKLIN ST \ STARR KING WAY Intersection	DPT	SFGO Franklin and 2nd St Fiber (Installation of interconnect conduits and pullboxes.)	7/1/2013	12/1/2013	303	Under Construction		
OFARRELL ST	FRANKLIN ST \ STARR KING WAY Intersection	PAVING	2049	7/10/2013	3/28/2014	261	Proposed	paving starts 7/10/2013 needs coordination	
OFARRELL ST	FRANKLIN ST \ STARR KING WAY Intersection	RAMP	2029 Transition Plan Curb Ramps FY11-12	5/19/2012	5/18/2013	364	Under Construction	paving starts 7/10/2013 needs coordination	
OFARRELL ST	HOLLIS ST to WEBSTER ST (1500 - 1599)	SEWER	N/A	7/1/2016	7/21/2016	20	Proposed		
OFARRELL ST	WEBSTER ST Intersection	PAVING	2182	12/1/2013	4/30/2014	150	Proposed		
OFARRELL ST	FELMORE ST							needs	

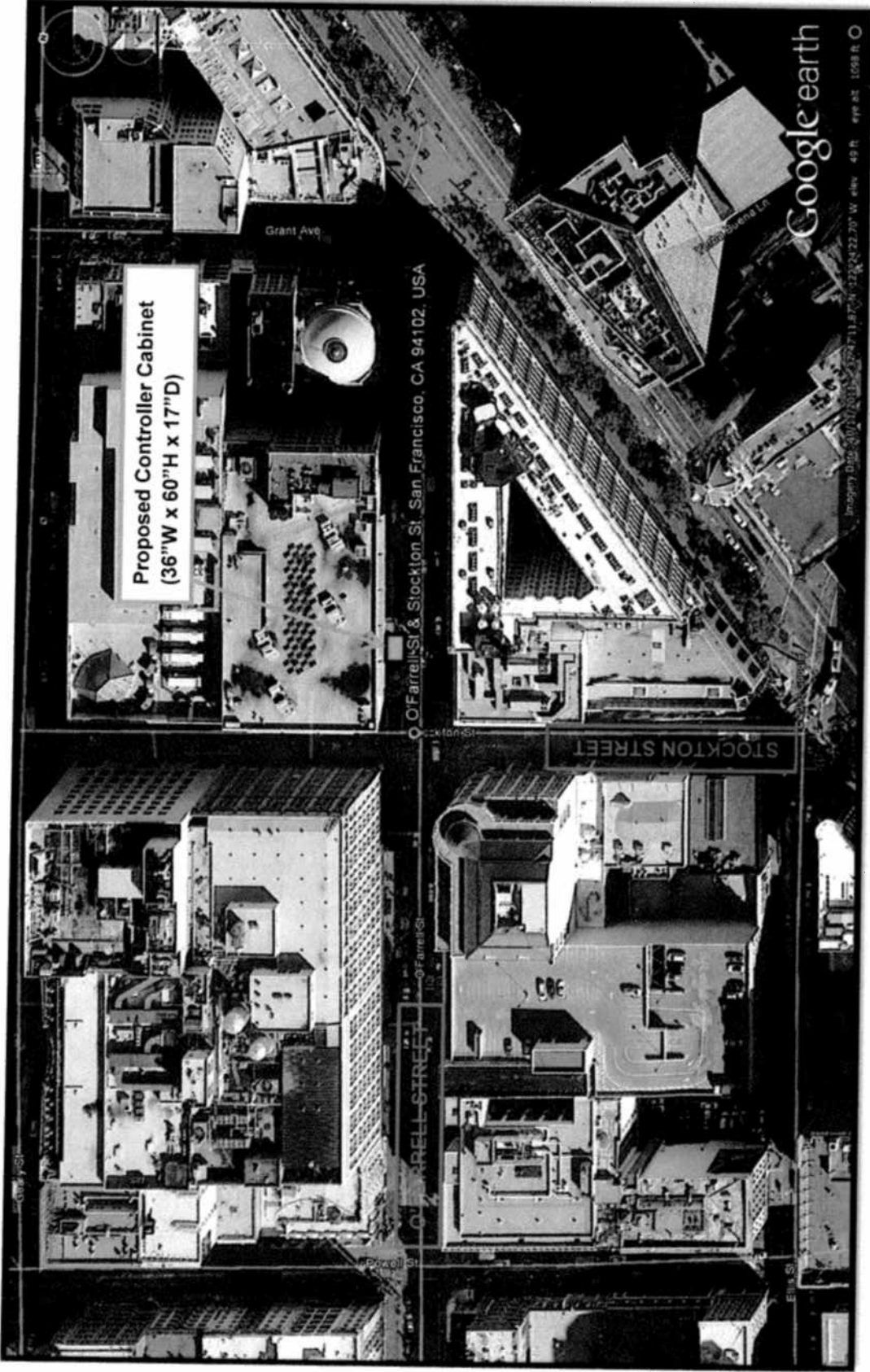
Operator "[]" is not defined for type 'Integer' and type 'DBNull#'.
 Microsoft.VisualBasic.CompilerServices.Operators.ConditionalCompareObjectEqual(City Left, Object Right, Boolean TextCompare) at
 _Projects.GridViewLocations_RowDataBound.Object
 sender, GridViewRowEventArgs e) in
 D:\inetpub\wwwroot\5year\view\Projects.aspx.vb:line
 786

ADD -> O'FARRELL ST. BET. STOCKTON ST. TO SECURITY PACIFIC PL.

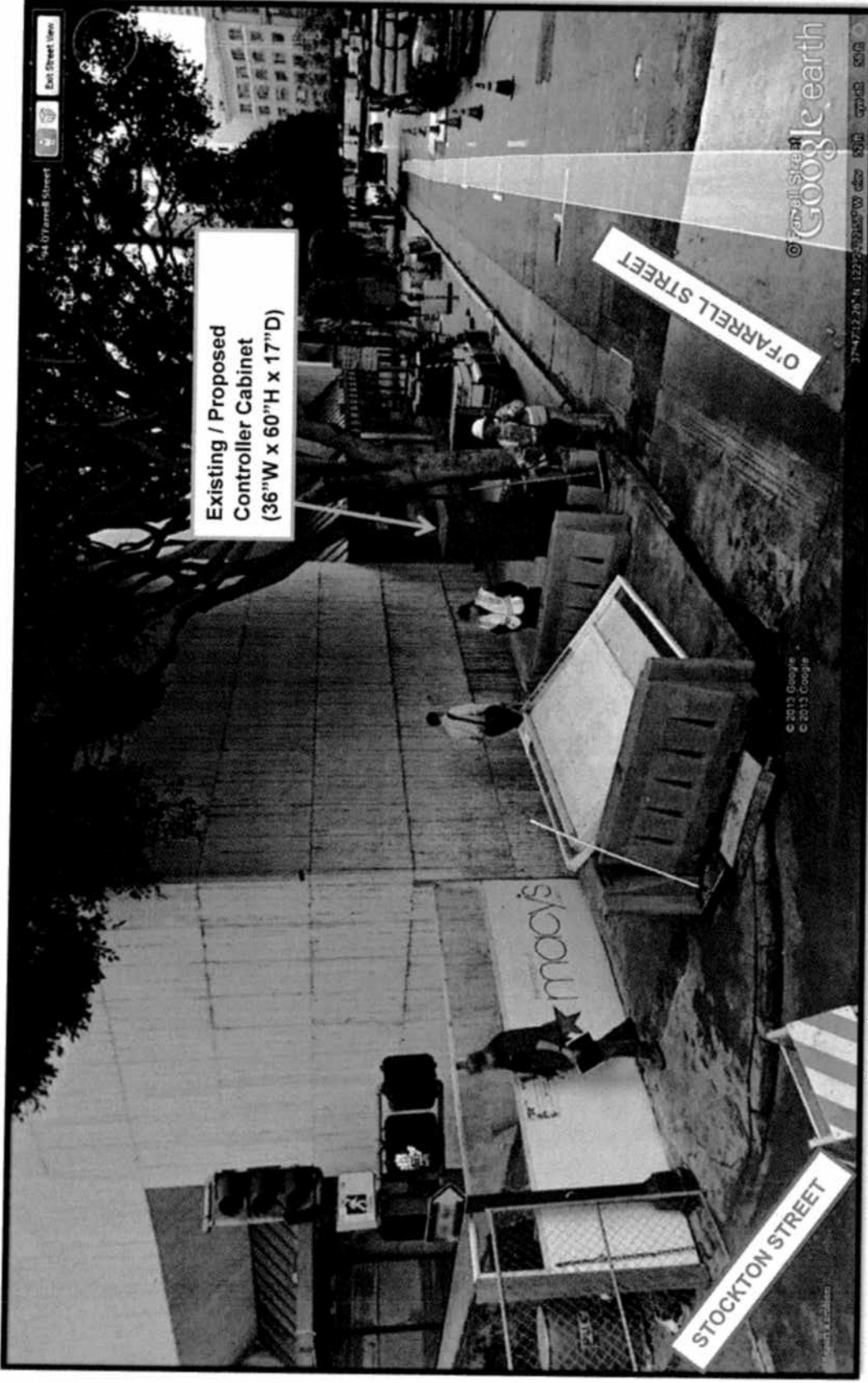
DIMENSIONS FOR M-SF CONTROLLER CABINET



Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



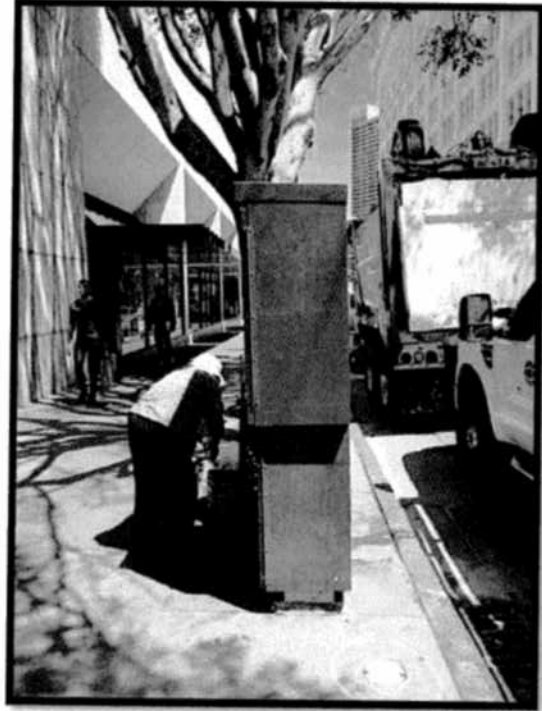
O'FARRELL STREET AND STOCKTON STREET – AERIAL VIEW



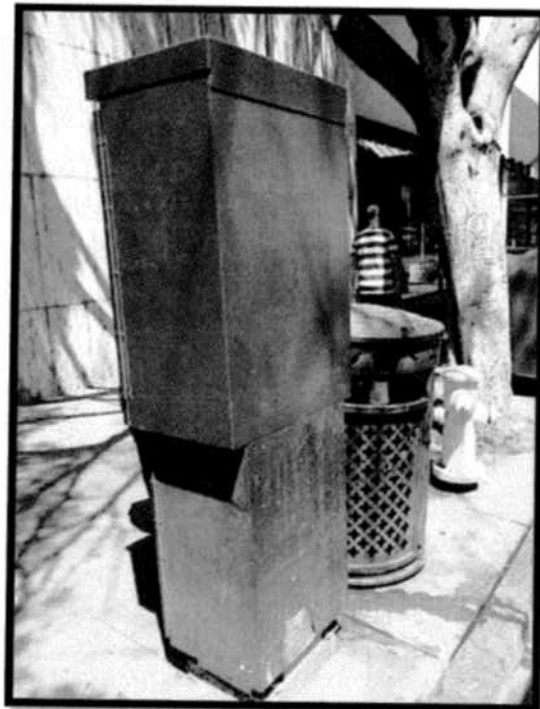
O'FARRELL AND STOCKTON STREET – NE CORNER (PROPOSED LOCATION)



LEFT SIDE



RIGHT SIDE



BACK SIDE

**O'FARRELL STREET AND STOCKTON STREET – NE CORNER
(Existing Traffic Signal Controller Cabinet)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new traffic signal controller cabinet at the northeast corner of O'Farrell Street and Stockton Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

Traffic signal controller cabinets are needed to house the signal controller and other equipment that will control and monitor the proper functioning of the traffic signals. The location of the controller cabinet is limited to the portion of the sidewalk as close to the existing controller cabinet as practical. Traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible. Traffic signal controller cabinets already exist on O'Farrell Street and Stockton Street. The existing traffic signal controller cabinet will be removed and the new traffic controller cabinet will be installed on the same footprint.

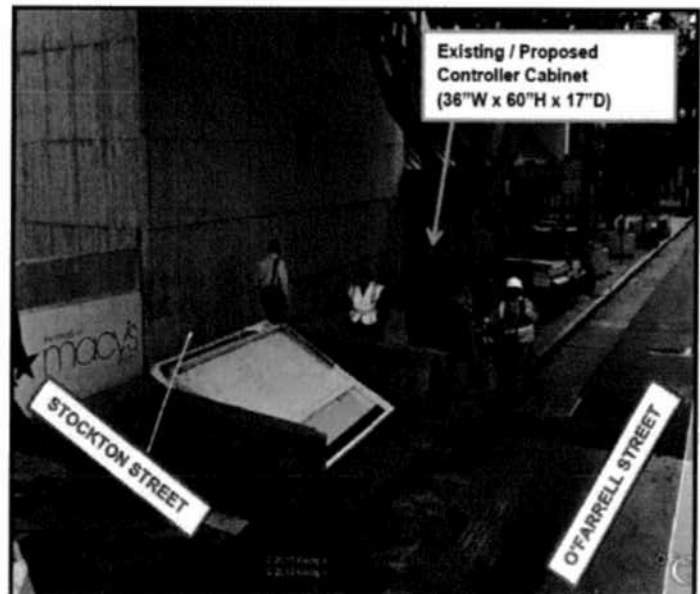
Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

May 8, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new traffic signal controller cabinet at the northeast corner of O'Farrell Street and Stockton Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

Traffic signal controller cabinets are needed to house the signal controller and other equipment that will control and monitor the proper functioning of the traffic signals. The location of the controller cabinet is limited to the portion of the sidewalk as close to the existing controller cabinet as practical. Traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible. Traffic signal controller cabinets already exist on O'Farrell Street and Stockton Street. The existing traffic signal controller cabinet will be removed and the new traffic controller cabinet will be installed on the same footprint.

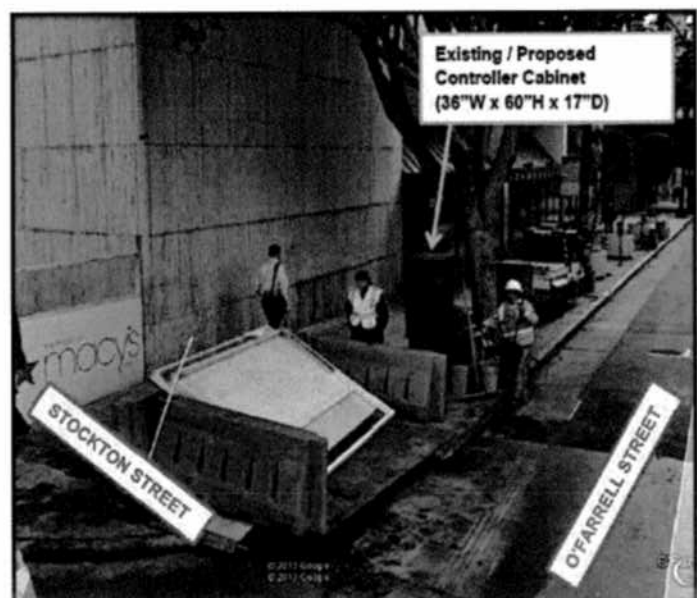
Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

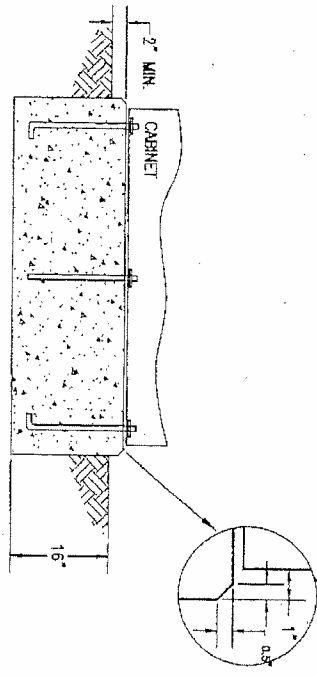
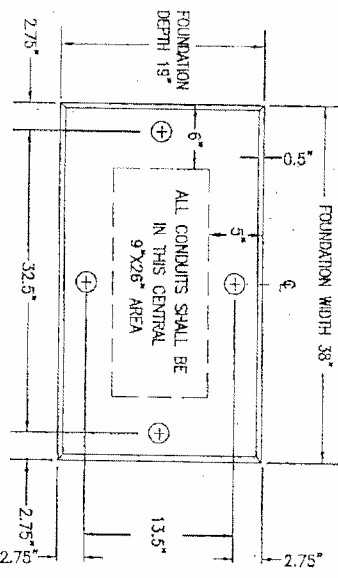
Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"

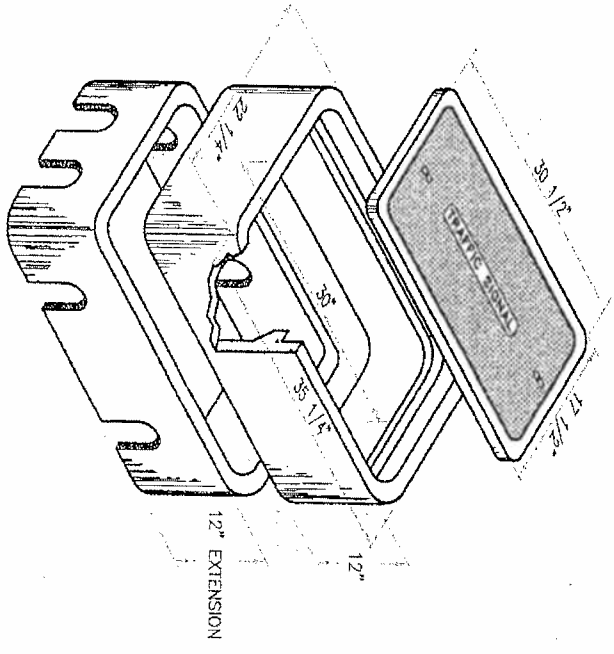


SENSITIVE SECURITY INFORMATION



M-SF" CABINET FOUNDATION
 2 DETAIL
 ET-202 NIS

- NOTES:**
- SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER DETAILS "M" FOUNDATION (SEE CTS# ES-48) WITH THE FOLLOWING EXCEPTIONS:
 - FOUNDATION HEIGHT OF 18" (SEE NOTE 2)
 - FOUNDATION WIDTH OF 38"
 - FOUNDATION DEPTH OF 18"
 - CHAMFER EDGE 1/2" X 1/2"
 - FOUR ANCHOR BOLTS AS SHOWN.
 - ANCHOR BOLTS SHALL EXTEND 2" TO 2-1/4" ABOVE TOP OF FOUNDATION.
 - TOP SHALL BE LEVEL WITH A SMOOTH FINISH.
 - NO DRAIN PIPE IS REQUIRED.



TYPE 3X PULL BOX
 3 DETAIL
 ET-202 NIS

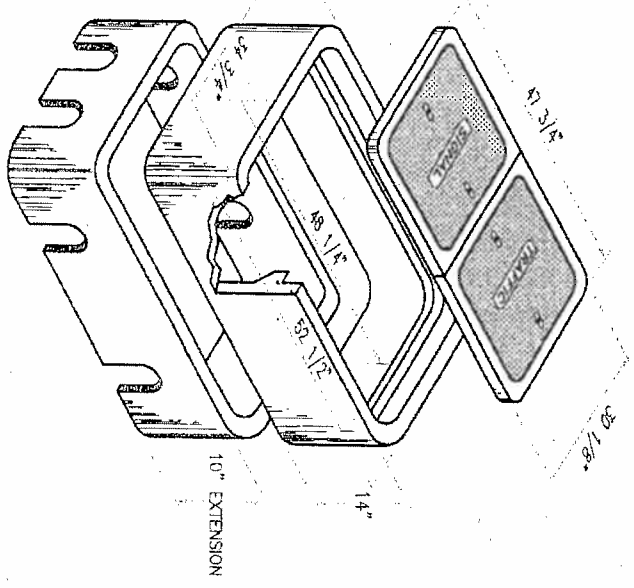


DATE	ISSUED FOR	BY	CHKD
02/15/2012	ISSUED FOR BO	W. S. Spong	W. S. Spong

DESIGNED BY	W. S. Spong
CHECKED BY	W. S. Spong
DATE	02/15/2012

PROJECT NO.	1253
CONTRACT NO.	CL-19233
SHEET NO.	983
TOTAL SHEETS	0

TYPE 4X PULL BOX
 1 DETAIL
 ET-202 NIS



SFMTA

MUNICIPAL TRANSPORTATION AGENCY

CITY AND COUNTY OF SAN FRANCISCO

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 UNION SQUARE/MARKET STREET STATION

TRAFFIC SIGNALS
 DETAILS
 SHEET 2 OF 2

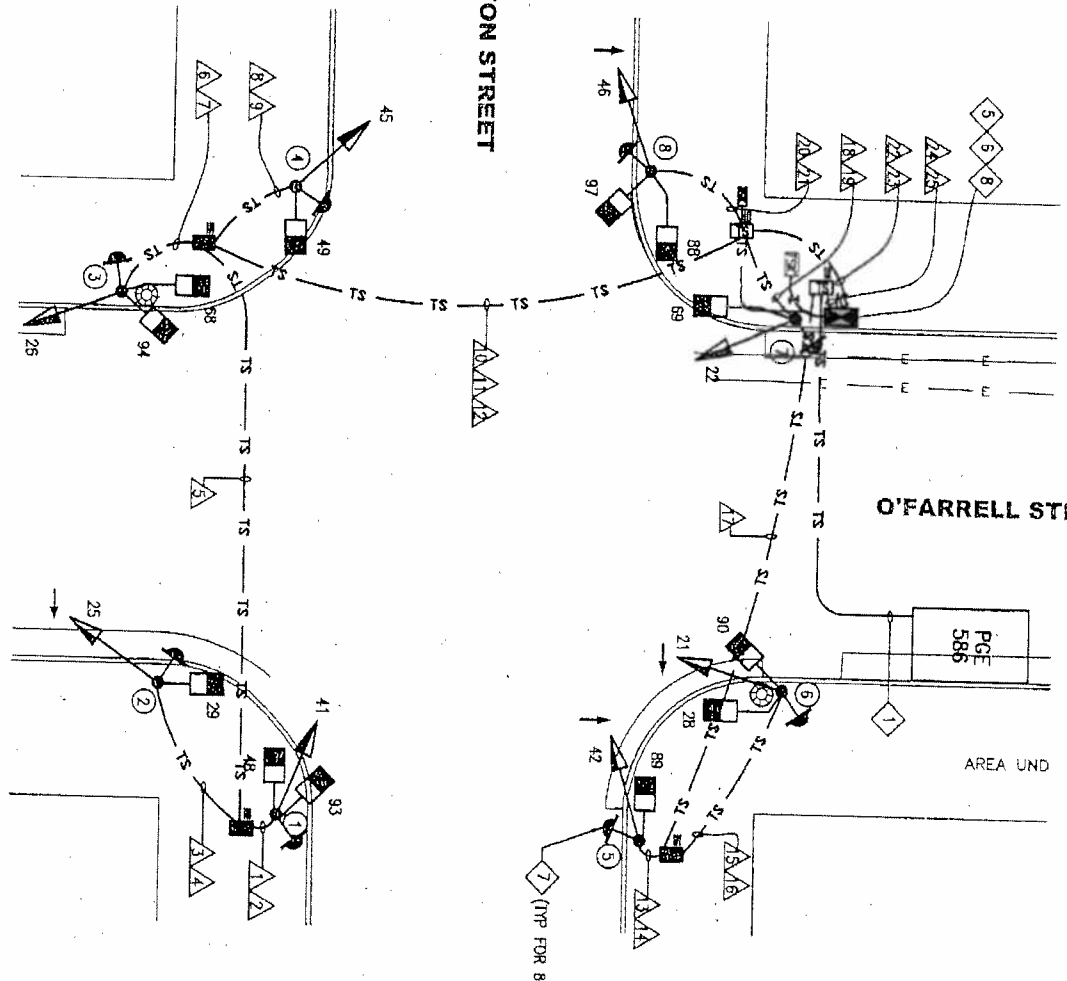
APPROVED: [Signature]
 AD. DIRECTOR OF TRANSPORTATION

CONTRACT NO. 1253
 CONTRACT NO. CL-19233
 SHEET NO. 983
 TOTAL SHEETS 0

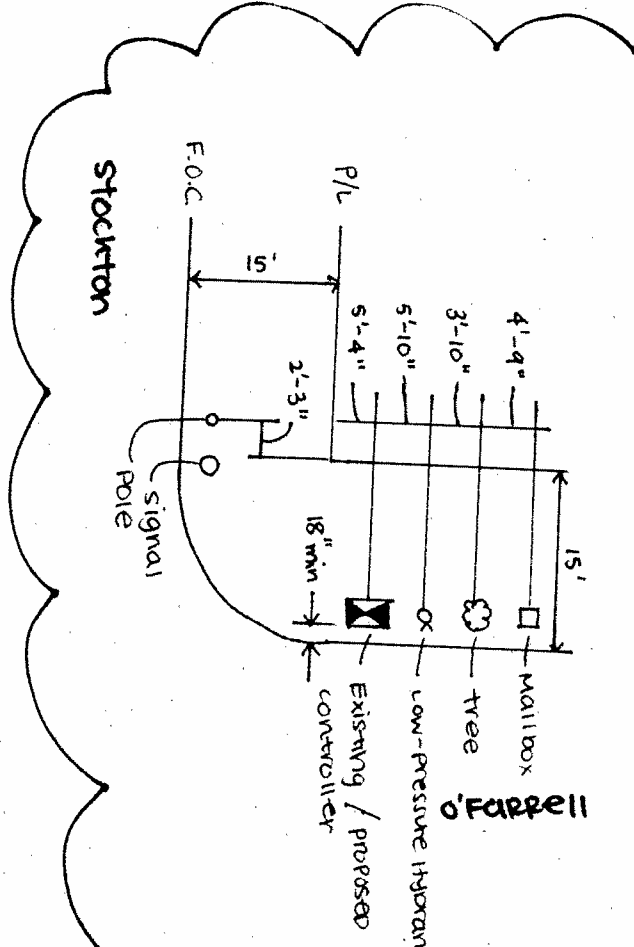
WARNING: THIS RECORD CONTAINS SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 1620. NO PART OF THIS RECORD MAY BE DISCLOSED TO PERSONS WHOSE A NEED TO KNOW, AS DETERMINED BY 49 CFR PARTS 15 AND 1620, EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATION OF THE TRANSPORTATION SECURITY ADMINISTRATION ON THE SECURITY OF TRANSPORTATION. UNAUTHORIZED RELEASE MAY RESULT IN CIVIL LIABILITY OR OTHER ACTION.

STOCKTON STREET

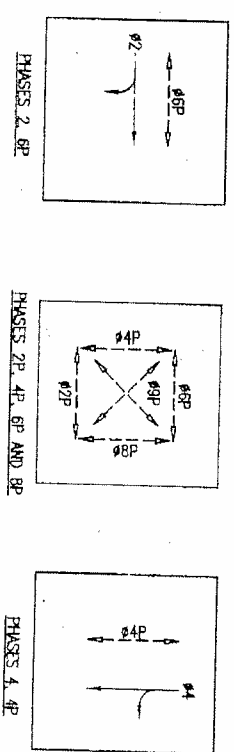
O'FARRELL STREET



TRAFFIC SIGNAL 2 3 4 PLAN



PHASE DIAGRAM

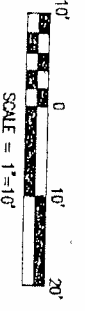


PHASE DIAGRAM

G + G		R		R		G + G		Y		R	
RB	WM	WM	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH
RB	WM	FRH	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH
RB	WM	FRH	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH
RB	WM	FRH	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH
RB	WM	FRH	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH
RB	WM	FRH	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH
RB	WM	FRH	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH
RB	WM	FRH	FRH	FRH	RB	RB	FRH	FRH	RB	RB	FRH

NOTES:

1. F/ 2-#8 AWG AND 1-#6 BSCW FROM (E) POLE SERVICE POINT TO (N) IC CABINET USING (E) CONDUIT. REFER TO CONTRACT 1251 REFERENCE DRAWINGS.
2. REFER TO DRAWING ET-103 FOR POLE AND EQUIPMENT SCHEDULE & CONDUIT AND WIRING SCHEDULE.
3. REFER TO SI-SERIES DRAWINGS FOR (N) STREETLIGHT POLE LOCATIONS AND WORK.
4. REFER TO OY-SERIES DRAWINGS FOR (N) TROLEY POLE LOCATIONS AND WORK.
5. F/A (N) TYPE M-SF TRAFFIC SIGNAL CABINET & CABINET FOUNDATION AND (N) TYPE 2070 INTERSECTION CONTROLLER. SEE ET-202 FOR M-SF CABINET & CABINET FOUNDATION INSTALLATION DETAILS.
6. F/A IN-LINE FUSE WITH 40 AMP FUSE FOR THE I/O SERVICE.
7. APS UNIT SHALL HAVE A 4-FT X 4-FT LANDING CLEARANCE. THE CONTRACTOR SHALL LOCATE APS UNIT ON POLE IN FIELD WITH SFMTA TRAFFIC SIGNAL ENGINEER'S APPROVAL PRIOR TO INSTALLATION.
8. EXTEND (N) 4-2" INTERCONNECT CONDUITS TO (E) AND PROVIDE CONNECTIONS.



SFMTA



MUNICIPAL TRANSPORTATION AGENCY

APPROVED
 [Signature]
 Director of Transportation

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 UNION SQUARE/MARKET STREET STATION

TRAFFIC SIGNALS
 O'FARRELL AND STOCKTON
 PLAN

CONTRACT NO. 1253
 SHEET NO. CL-19227

DATE: 07/15/2012
 DRAWING NO. ET-105
 SHEET NO. 977



(415) 554-5810
FAX (415) 554-6161
<http://www.sfdpw.org>

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0007

Surface Mounted Facility Permit

Address : OFARRELL ST:
SECURITY PACIFIC PL to
STOCKTON ST (16 - 99)

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new traffic signal controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: O'Farrell St. between Security Pacific Pl. to Stockton St. (north side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/05/2014

Applicant/Permittee

Date

Printed : 6/16/2014 10:10:00 AM Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0007

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

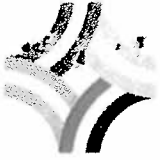
ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	OFARRELL ST	SECURITY PACIFIC PL	STOCKTON ST	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		

Exceptions

14SMF-0007

Street Name	From St	To St	Message	Job	Contact	Dates
OFARRELL ST						
	SECURITY PACIFIC PL	STOCKTON ST -	Conflict with existing Street Use Permit.	12BW-0042	Refer to Agent - Refer to Agent	
	SECURITY PACIFIC PL	STOCKTON ST -	Conflict with existing Street Use Permit.	12BW-0061	Refer to Agent - Refer to Agent	
	SECURITY PACIFIC PL	STOCKTON ST -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0535	(415) 819-8549 - (415) 819-8549	Jan 27 2014-Dec 31 2018
	SECURITY PACIFIC PL	STOCKTON ST -	Prior to performing any construction, all CCSF survey monuments shall be referenced by a licensed Land Surveyor on a Corner Record or a Record of Survey, if any construction will take place within 10ft of the monument. For any questions, please call Mapping at #554-5827	Brass Disk		
	SECURITY PACIFIC PL	STOCKTON ST -	DPT Blue Book Traffic Restriction. Time of day during which lanes must be kept clear: NORTH 7AM - 7PM MONDAY THROUGH SATURDAY // SOUTH 7AM - 7PM MONDAY THROUGH SATURDAY	N/A		
	SECURITY PACIFIC PL	STOCKTON ST -	Please refer to Figure 12 of Section 9.4(A) of the DPW Order No. 171,442 for special conditions for excavation in the vicinity of AWSS.	N/A		
	SECURITY PACIFIC PL	STOCKTON ST -	Downtown Streetscape Zone. Please See Attachment.	N/A	John Kwong or Nick Elsner - (415) 554-5810	
	SECURITY PACIFIC PL	STOCKTON ST -	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018

No Diagram submitted



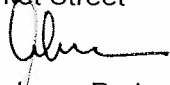
MEMORANDUM

RECEIVED
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS

TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

FROM: Al Herce 
Central Subway Project
Traffic Engineer – Contract 1253

DATE: May 2, 2013

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Traffic Signal
Cabinet and Foundation Installation on Geary Street and Stockton
Street

OK
pmc 7/19/13

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (Traffic Signal Controller Cabinet and Foundation) on Geary Street and Stockton Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, I can be reached at (415) 701-4552.

Attachments:

1. Pre-Site Visit Checklist
2. SFMTA Five Year Plan
3. Cabinet and Foundation Specifications
4. Detailed Drawing of Proposed SMF Location
5. Photographs of Proposed SMF Location
6. Proposed Public Notice

AH: dc

Edwin M. Lee
Mayor

Tom Nolan
Chairman

Cheryl Brinkman
Vice-Chairman

Leona Bridges
Director

Malcolm Heinicke
Director

Jerry Lee
Director

Joél Ramos
Director

Cristina Rubke
Director

Edward D. Reiskin
*Director of
Transportation*



EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works



Bureau of Street-use and Mapping

Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency ADDRESS: 1 So. Van Ness Ave, S.F., CA 94103

Contact Name: Al Herce TEL. NO.: (415) 701 - 4552 FAX: (415) 701 - 4737

Date: **May 2, 2013** Proposed Location: **Geary Street and Stockton Street**

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2013 with: Al Herce Tel. No.: (415) 701-4552

Request for site visit is denied
 Site visit not required because: _____

Proposed location for the new traffic signal controller cabinet is o.k.

Reviewed By Rene Lopez MLL 7/10/13 Tel. No.: (415) 554-6201

NOTE: PLEASE START THE 20-DAY NOTIFICATION.

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for the traffic signal controller cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of the traffic signal controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of traffic signal controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There is an existing traffic signal controller cabinet facing north on the northwest corner of Geary Street and Stockton Street. The new traffic signal controller cabinet will be installed facing north near the existing traffic signal controller cabinet.

NEEDS TO ADD THE REMOVAL OF THE EXISTING TRAFFIC SIGNAL CONTROLLER CABINET.

PROJECTS

Street Name: GEARY ST Utility: [] Project Name: [] Coordination Project: []

show joint opportunities

SEARCH RESET

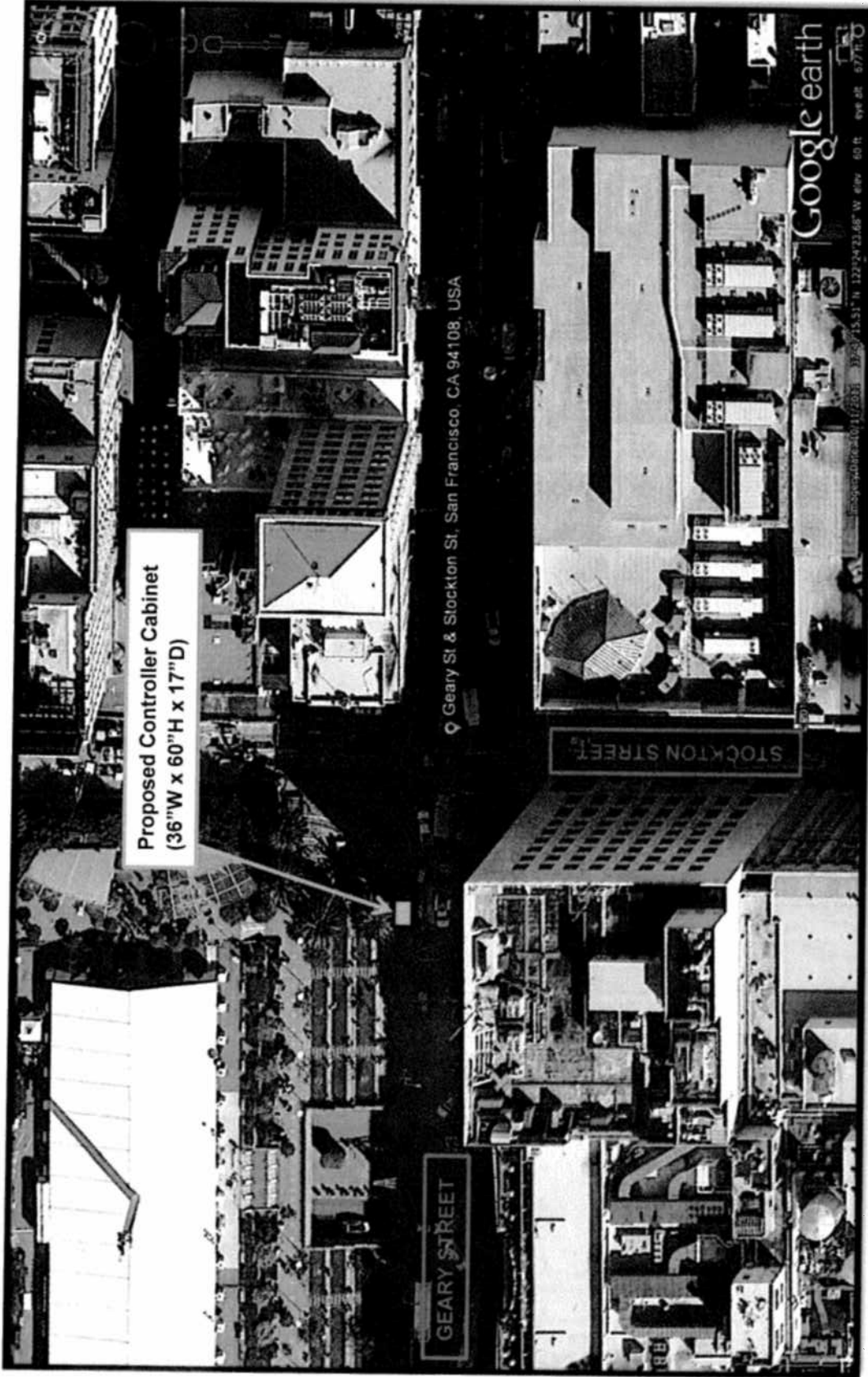
13 record(s) locations shaded in gray indicate a paving conflict sort direction: Ascending Descending

street name	limits	utility	project	start date	end date	duration	location phase	flag	project list
GEARY ST	MARKET ST intersection	PGE	Market St LP to HP	1/2/2013	6/30/2013	179	Under Construction	needs coordination	
GEARY ST	KEARNY ST intersection	RAMPS	2029J Transition Plan Curb Ramps FY11-12	5/19/2012	5/18/2013	364	Under Construction	needs coordination	filter by street name - remove filter - GEARY ST
GEARY ST	KEARNY ST intersection	DPT	TEP Proposals - 30 Segment 1	7/1/2016	3/30/2017	272	Proposed	needs coordination	filter by project name - remove filter - 14-006 2029J Transition Plan Central Subway Condensate Return Market St LP to HP SFGO VAN NESS FIBRE TEP Proposals - 30 Segment 1
GEARY ST	GRANT AVE to STOCKTON ST (100 - 199)	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	
GEARY ST	STOCKTON ST intersection	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	
GEARY ST	STOCKTON ST to POWELL ST (200 - 299)	MUNI	Central Subway	1/4/2011	11/1/2015	1762	Under Construction	needs coordination	filter by coordination - remove filter - 10072
GEARY ST	POWELL ST intersection	RAMPS	Union Square PROW Improvements Geary St/Powell St Intersection (Construction of Bulb-out, curb ramps, catch basin/siren pole relocation, roadway regrading)	2/1/2013	6/30/2013	149	Under Construction	needs coordination	
GEARY ST	POWELL ST to MASON ST (300 - 399)	SFT	Condensate Return	1/1/2014	12/31/2015	729	Proposed	needs coordination	
GEARY ST	MASON ST to TAYLOR ST (400 - 499)	SEWER	N/A	7/1/2014	7/21/2014	20	Proposed	needs coordination	
GEARY ST	LEAVENWORTH ST intersection	SFWD	14-006	9/1/2017	7/1/2018	303	Proposed	needs coordination	
GEARY ST	GEARY BLVD \ VAN NESS AVE intersection	DPT	SFGO VAN NESS FIBER	7/1/2013	12/31/2014	548	Proposed	coordination confirmed: 10072	
GEARY ST	GEARY BLVD \ VAN NESS AVE intersection	SFWD	WD-2499 (JC WITH PAVING)	12/18/2015	10/18/2016	305	Proposed	coordination confirmed: 10072	
GEARY ST	GEARY BLVD \ VAN NESS AVE intersection	MUNI	Van Ness BRT/Repaving	12/18/2015	12/21/2017	734	Proposed	coordination confirmed: 10072	

DIMENSIONS FOR M-SF CONTROLLER CABINET



Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



GEARY STREET AND STOCKTON STREET – AERIAL VIEW



GEARY STREET AND STOCKTON STREET – NW CORNER (PROPOSED LOCATION)

 Sidewalk widening



LEFT SIDE



RIGHT SIDE



BACK SIDE

**GEARY STREET AND STOCKTON STREET – NW CORNER
(Existing Traffic Signal Controller Cabinet)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new traffic signal controller cabinet at the northwest corner of Geary Street and Stockton Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

Traffic signal controller cabinets are needed to house the signal controller and other equipment that will control and monitor the proper functioning of the traffic signals. The location of the controller cabinet is limited to the portion of the sidewalk as close to the existing controller cabinet as practical. Once the new controller cabinet is installed, then the old controller cabinet will be removed. Traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible. Traffic signal controller cabinets already exist on Geary Street and Stockton Street. It would be optimal to locate the new traffic signal controller cabinet on the same northwest corner.

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2'H x 19"D
Total Height (Cabinet and Foundation): 62"



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

May 8, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new traffic signal controller cabinet at the northwest corner of Geary Street and Stockton Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

Traffic signal controller cabinets are needed to house the signal controller and other equipment that will control and monitor the proper functioning of the traffic signals. The location of the controller cabinet is limited to the portion of the sidewalk as close to the existing controller cabinet as practical. Once the new controller cabinet is installed, then the old controller cabinet will be removed. Traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible. Traffic signal controller cabinets already exist on Geary Street and Stockton Street. It would be optimal to locate the new traffic signal controller cabinet on the same northwest corner.

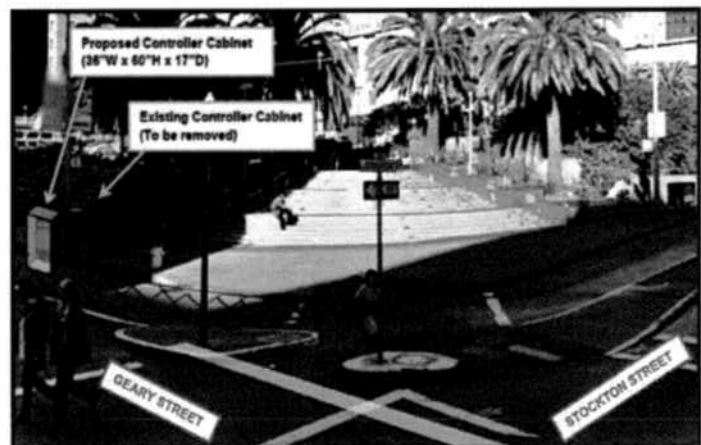
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Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

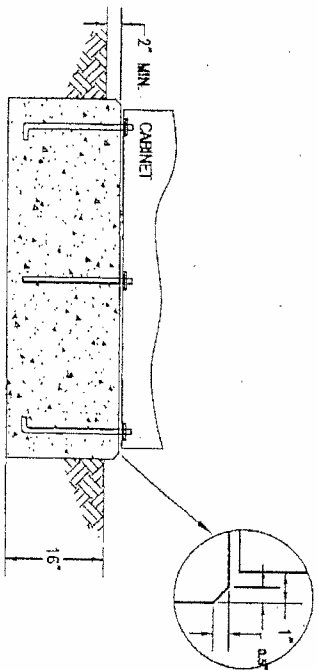
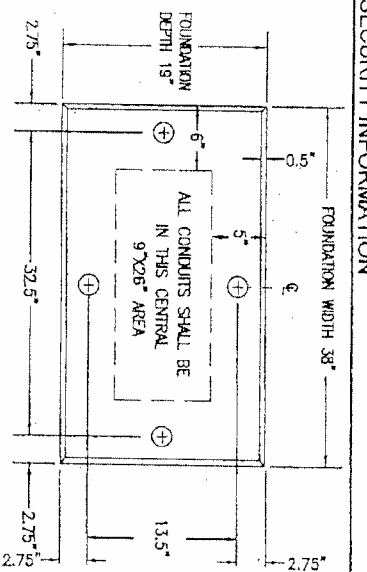
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Total Height (Cabinet and Foundation): 62"



☒ sidewalk widening

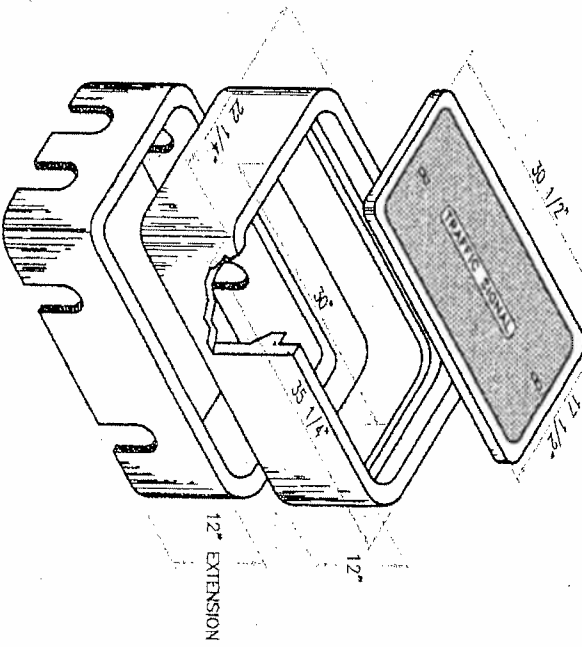
NEEDS TO ADD THE
REMOVAL OF THE
EXISTING T.S. CONTROLLER
CABINET

SENSITIVE SECURITY INFORMATION

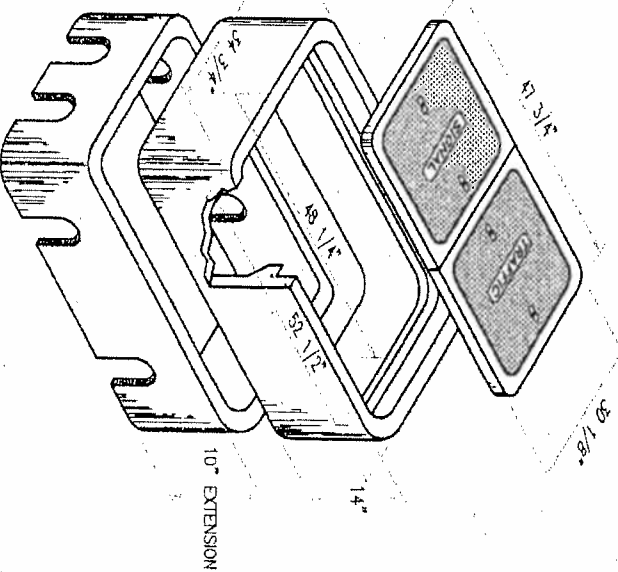


M-SF[®] CABINET FOUNDATION
 2 DETAIL
 ET-202 NIS

- NOTES:**
- SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER CALTRANS "V" FOUNDATION (SEE CTSF ES-48) WITH THE FOLLOWING EXCEPTIONS:
 - FOUNDATION HEIGHT OF 18" (SEE NOTE 2)
 - FOUNDATION WIDTH OF 36"
 - FOUNDATION DEPTH OF 19"
 - CHAMFER EDGE 1/2" X 1/2"
 - FOUR ANCHOR BOLTS AS SHOWN
 - ANCHOR BOLTS SHALL EXTEND 2" TO 2-1/4" ABOVE TOP OF FOUNDATION
 - TOP SHALL BE LEVEL WITH A SMOOTH FINISH
 - NO DRAIN PIPE IS REQUIRED.



TYPE 3X PULL BOX
 3 DETAIL
 ET-202 NIS



TYPE 4X PULL BOX
 1 DETAIL
 ET-202 NIS

DATE	02/15/2012	ISSUED FOR	NO	BY	0	REVISION	
DATE		ISSUED FOR	NO	BY		REVISION	
DATE		ISSUED FOR	NO	BY		REVISION	

SFMTA



MUNICIPAL TRANSPORTATION AGENCY

APPROVED
 A.C. DIRECTOR OF TRANSPORTATION

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 UNION SQUARE/MARKET STREET STATION
 TRAFFIC SIGNALS
 DETAILS
 SHEET 2 OF 2

1253
 CL-19233

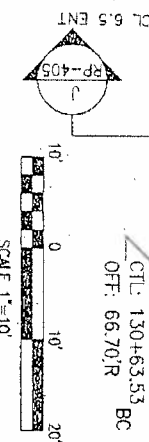
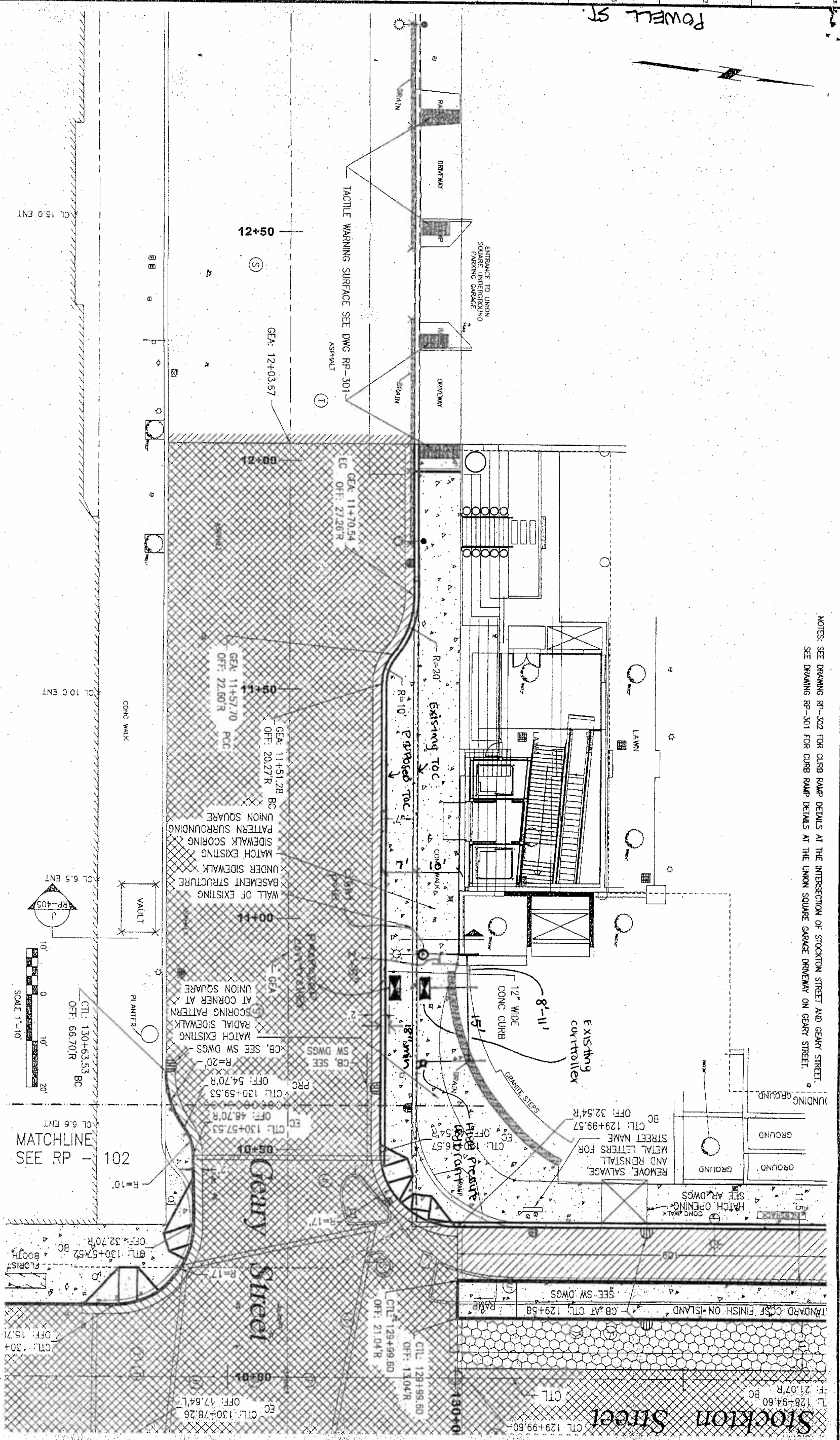
ET-202
 983

WARNING: THIS RECORD CONTAINS SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 162. NO PART OF THIS RECORD MAY BE DISCLOSED TO PERSONS WHO DO NOT HAVE A NEED TO KNOW, AS DEFINED IN 49 CFR PARTS 15 AND 162, EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATION OF THE TRANSPORTATION SECURITY ADMINISTRATION OR THE SECRETARY OF TRANSPORTATION. UNAUTHORIZED RELEASE MAY RESULT IN CIVIL PENALTY OR OTHER ACTION.

POWELL ST



NOTES: SEE DRAWING RP-302 FOR CURB RAMP DETAILS AT THE INTERSECTION OF STOCKTON STREET AND GEARY STREET.
SEE DRAWING RP-301 FOR CURB RAMP DETAILS AT THE UNION SQUARE GARAGE DRIVEWAY ON GEARY STREET.



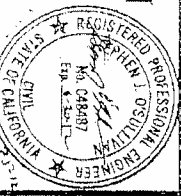
MATCHLINE
SEE RP-102

NO.	DATE	ISSUED FOR	DESCRIPTION
0	2/15/2012	ISSUED FOR BID	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

REFERENCE INFORMATION
& FILE NO. OF SHEETS



INFRASTRUCTURE DIVISION
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED	DATE	APPROVED	DATE
S. Sullivan	2/2012	P. A. Sullivan	3/5/12
DRAWN	DATE	SECTION NUMBER	DATE
S. Sullivan	2/2012	102	3/4/12
CHECKED	DATE	SECTION NUMBER	DATE
C. Sullivan	2/2012	102	3/4/12
DESIGNED	DATE	SECTION NUMBER	DATE
S. Sullivan	2/2012	102	3/4/12

SCALE	AS NOTED
SHEET OF SHEETS	

THIRD STREET LIGHT RAIL PROGRAM
PHASE 2 - CENTRAL SUBWAY
UNION SQUARE / MARKET STREET STATION
PAVEMENT RENOVATION
PLAN
PLAN GEA 10+60 TO GEA 12+85

SPECIFICATION NO.	1253
DRAWING NO.	RP-108
REV. NO.	93, 124
REV. NO.	0



(415) 554-5810
FAX (415) 554-6161
<http://www.sfdpw.org>

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0008

Surface Mounted Facility Permit

Address : GEARY ST: STOCKTON
ST to POWELL ST (200 - 299)

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new traffic signal controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: Geary St. between Stockton St. to Powell St. (north side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/05/2014

Applicant/Permittee

Date

Printed : 6/16/2014 10:10:30 AM Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0008

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

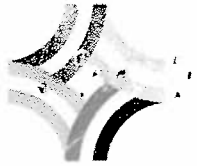
ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	GEARY ST	STOCKTON ST	POWELL ST	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		

Exceptions

14SMF-0008

Street Name	From St	To St	Message	Job	Contact	Dates
GEARY ST						
	STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	12BW-0012	Refer to Agent - Refer to Agent	
	STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	12BW-0042	Refer to Agent - Refer to Agent	
	STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	12BW-0061	Refer to Agent - Refer to Agent	
	STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	12ECN-1025	800-743-5000 - 800-743-5000	Sep 26 2012-
	STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	13B-0045	Refer to Agent - Refer to Agent	Apr 25 2013-Apr 25 2014
	STOCKTON ST	POWELL ST -	Conflict with existing Street Use Permit.	13B-0142	(909) 937-7570 - (909) 937- 7570	Jan 17 2014-Jun 30 2014
	STOCKTON ST	POWELL ST -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0535	(415) 819-8549 - (415) 819- 8549	Jan 27 2014-Dec 31 2018
	STOCKTON ST	POWELL ST -	DPT Blue Book Traffic Restriction. Time of day during which lanes must be kept clear: NORTH 7AM - 7PM EVERYDAY // SOUTH 7AM - 7PM EVERYDAY	N/A		
	STOCKTON ST	POWELL ST -	Please refer to Figure 12 of Section 9.4(A) of the DPW Order No. 171,442 for special conditions for excavation in the vicinity of AWSS.	N/A		
	STOCKTON ST	POWELL ST -	Downtown Streetscape Zone. Please See Attachment.	N/A	John Kwong or Nick Elsner - (415) 554-5810	
	STOCKTON ST	POWELL ST -	Banners are allowed on this street	N/A		Oct 28 2011-
	STOCKTON ST	POWELL ST -	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018

No Diagram submitted



MEMORANDUM

TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

FROM: Al Herce *Al Herce*
Central Subway Project
Traffic Engineer – Contract 1253

DATE: May 2, 2013

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Traffic Signal
Cabinet and Foundation Installation on Washington Street and
Stockton Street

RECEIVED
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS

OK
pmc 7/10/13

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (Traffic Signal Controller Cabinet and Foundation) on Washington Street and Stockton Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, I can be reached at (415) 701-4552.

Attachments:

1. Pre-Site Visit Checklist
2. SFMTA Five Year Plan
3. Cabinet and Foundation Specifications
4. Detailed Drawing of Proposed SMF Location
5. Photographs of Proposed SMF Location
6. Proposed Public Notice

AH: dc

Edwin M. Lee
Mayor

Tom Nolan
Chairman

Cheryl Brinkman
Vice-Chairman

Leona Bridges
Director

Malcolm Heinicke
Director

Jerry Lee
Director

Joél Ramos
Director

Cristina Rubke
Director

Edward D. Reiskin
Director of Transportation

One South Van Ness Ave.
Seventh Floor
San Francisco, CA 94103

Telex: 415.701.4500

www.sfmta.com



EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works



Bureau of Street-use and Mapping

Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency ADDRESS: 1 So. Van Ness Ave, S.F., CA 94103

Contact Name: Al Herce TEL. NO.: (415) 701 - 4552 FAX: (415) 701 - 4737

Date: **May 2, 2013** Proposed Location: **Washington Street and Stockton Street**

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2013 with: Al Herce Tel. No.:(415) 701-4552

Request for site visit is denied
 Site visit not required because:

Proposed location for the new traffic signal controller cabinet is o.k.

Reviewed By Rene Lopez RLM 7/10/13 Tel. No.: (415) 554-6201

NOTE: PLEASE START THE 20-DAY NOTIFICATION.

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for the traffic signal controller cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

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5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

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7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There is an existing traffic signal controller cabinet facing west on the northwest corner of Geary Street and Stockton Street. The new traffic signal controller cabinet will be installed facing north on the northwest corner.

NEEDS TO ADD THE REMOVAL OF THE EXISTING TRAFFIC SIGNAL CONTROLLER CABINET.

WASHINGTON ST	ST (334 - 399) COLUMBUS AVE \ MONTGOMERY ST intersection	SFWD	WD-2670 (Cathodic Protection for 30-, 36-, 42-, and 48-Inch Steel Pipe Transmission Mains)	4/1/2014	4/1/2015	365	Under Construction	<ul style="list-style-type: none"> * paving conflict * needs coordination
WASHINGTON ST	COLUMBUS AVE \ MONTGOMERY ST intersection	SFWD	WD-2670A	6/1/2013	4/1/2014	304	Proposed	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	COLUMBUS AVE \ MONTGOMERY ST intersection	RAMPS	20291_Transition_Plan_Curb_Ramps_EY11-12	5/19/2012	5/18/2013	364	Proposed	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	COLUMBUS AVE \ MONTGOMERY ST intersection	PAVING	Pavement Renovation - Columbus Ave	7/1/2014	11/28/2014	150	Proposed	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	COLUMBUS AVE \ MONTGOMERY ST to KEARNY ST (600 - 699)	DPT	SFMTA-Bike Share Pilot Phase 1A (Proposed streets for bike sharing stations)	4/1/2013	12/1/2013	244	Proposed	<ul style="list-style-type: none"> * moratorium ends 8/28/2014 * needs coordination
WASHINGTON ST	STOCKTON ST intersection	MUNI	Central Subway	2/1/2013	6/1/2017	1581	Needs Update	<ul style="list-style-type: none"> * paving starts 4/4/2013 * paving conflict * needs coordination
WASHINGTON ST	STOCKTON ST intersection	DPT	SRTS - Chinatown	1/1/2013	3/31/2014	454	Needs Update	<ul style="list-style-type: none"> * paving starts 4/4/2013 * paving conflict * needs coordination
WASHINGTON ST	STOCKTON ST intersection	PAVING	Central Subway P2-CN1255-MOS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> * paving starts 4/4/2013 * needs coordination
WASHINGTON ST	STOCKTON ST intersection	DPT	TEP Proposals - 30 Segment 1	7/1/2016	3/30/2017	272	Proposed	<ul style="list-style-type: none"> * paving starts 4/4/2013 * paving conflict * needs coordination
WASHINGTON ST	STOCKTON ST to TRENTON ST (900 - 940)	MUNI	Central Subway	2/1/2013	6/1/2017	1581	Needs Update	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	STOCKTON ST to TRENTON ST (900 - 940)	DPT	SRTS - Chinatown	1/1/2013	3/31/2014	454	Needs Update	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	TRENTON ST intersection	MUNI	Central Subway	2/1/2013	6/1/2017	1581	Needs Update	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	TRENTON ST intersection	DPT	SRTS - Chinatown	1/1/2013	3/31/2014	454	Needs Update	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	TRENTON ST to STONE ST (933 - 963)	MUNI	Central Subway	2/1/2013	6/1/2017	1581	Needs Update	
WASHINGTON ST	STONE ST intersection	MUNI	Central Subway	2/1/2013	6/1/2017	1581	Needs Update	<ul style="list-style-type: none"> * needs coordination
WASHINGTON ST	STONE ST intersection	DPT	SRTS - Chinatown	1/1/2013	3/31/2014	454	Needs Update	<ul style="list-style-type: none"> * needs coordination

DIMENSIONS FOR "G" CONTROLLER CABINET

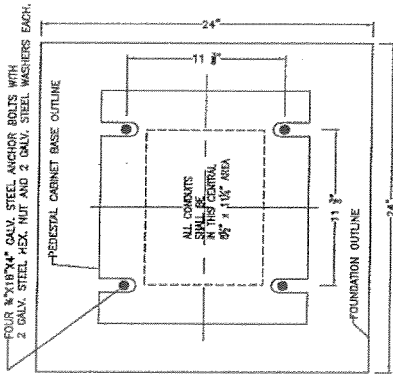


Upper Controller Cabinet is 24.5"W x 40"H x 17.5"D;

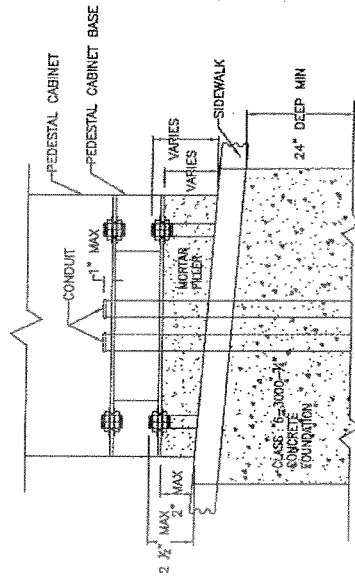
Pedestal Controller Cabinet is 20"W x 30"H x 16"D;

Pedestal Base is 17"W x 3"H x 13"D

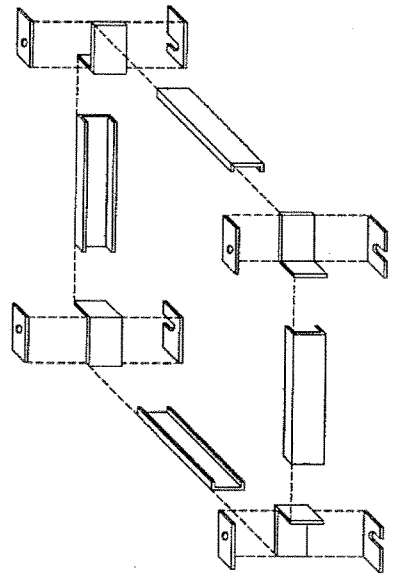
Total Height (Cabinet and Base): 73"



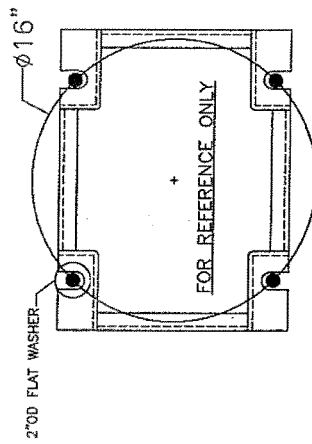
BOLT LAYOUT



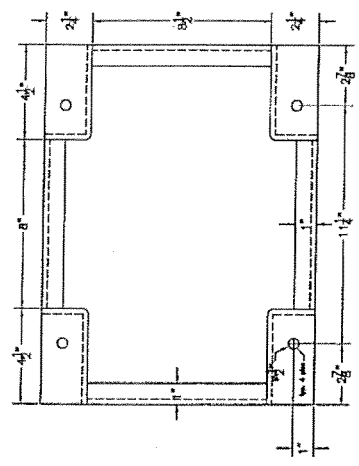
TYPICAL INSTALLATION DETAILS



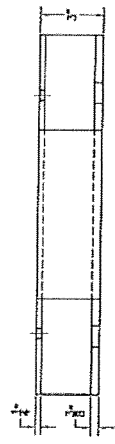
ASSEMBLY DETAIL



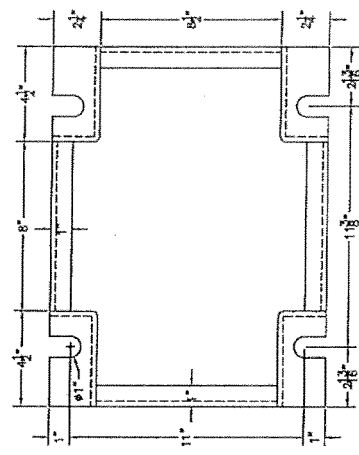
ANCHOR BOLT SPACING



TOP VIEW



FRONT VIEW



BOTTOM VIEW

2070 "G" CONTROLLER FOUNDATION

DETAIL 10
N15

DEPARTMENT OF PARKING AND TRAFFIC DIVISION OF TRAFFIC ENGINEERING CITY AND COUNTY OF SAN FRANCISCO		SPECIFICATION NO. DRAWING NO. FILE NO. REV. NO.	
DESIGNED: [] DRAWN: [] CHECKED: []	APPROVED: [] DESIGN MANAGER: [] CITY TRAFFIC ENGINEER: []	SOURCE: STUDY OF SHEETS	TRAFFIC SIGNAL CABINET SELECTION GUIDELINES G CABINET FOUNDATION DETAILS
REFERENCE DRAWING & FILE NO. IF SURVEY	DATE: [] DATE: [] DATE: []	DATE: [] DATE: [] DATE: []	DATE: [] DATE: [] DATE: []
CHECK WITH TRAFFIC TO SEE IF YOU HAVE LATEST REVISION			

b. G CABINET FOUNDATION DETAILS



WASHINGTON STREET AND STOCKTON STREET – AERIAL VIEW



WASHINGTON STREET AND STOCKTON STREET – NW CORNER (PROPOSED LOCATION)



LEFT SIDE

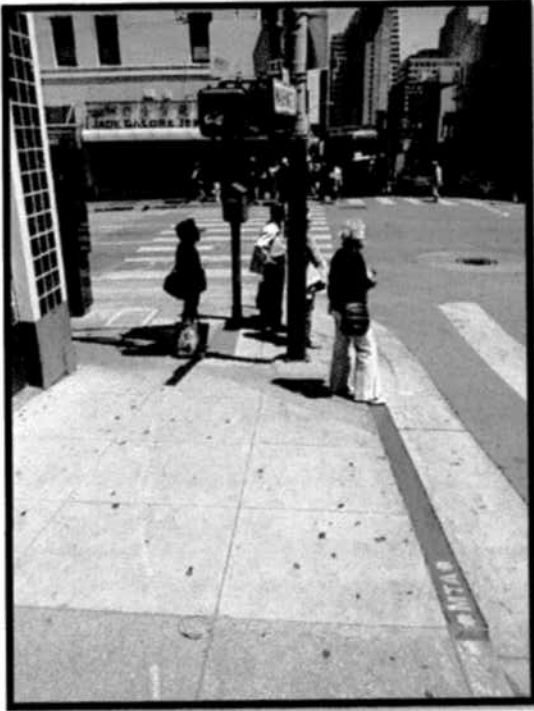


RIGHT SIDE



BACK SIDE

**WASHINGTON STREET AND STOCKTON STREET – NW CORNER
(Existing Traffic Signal Controller Cabinet)**



FACING EAST



FACING WEST



FACING NORTH

**WASHINGTON STREET AND STOCKTON STREET – NW CORNER
(Proposed Traffic Signal Controller Cabinet Location)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new traffic signal controller cabinet at the northwest corner of Washington Street and Stockton Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

Traffic signal controller cabinets are needed to house the signal controller and other equipment that will control and monitor the proper functioning of the traffic signals. The location of the controller cabinet is limited to the portion of the sidewalk as close to the existing controller cabinet as practical. Once the new controller cabinet is installed, then the old controller cabinet will be removed. Traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible. Traffic signal controller cabinets already exist on Washington Street and Stockton Street. It would be optimal to locate the new traffic signal controller cabinet on the same northwest corner.

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

Upper Controller Cabinet is 24.5"W x 40"H x 17.5"D;
Pedestal Controller Cabinet is 20"W x 30"H x 16"D;
Pedestal Base is 17"W x 3"H x 13"D
Total Height (Cabinet and Foundation): 73"



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

May 8, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new traffic signal controller cabinet at the northwest corner of Washington Street and Stockton Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

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If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

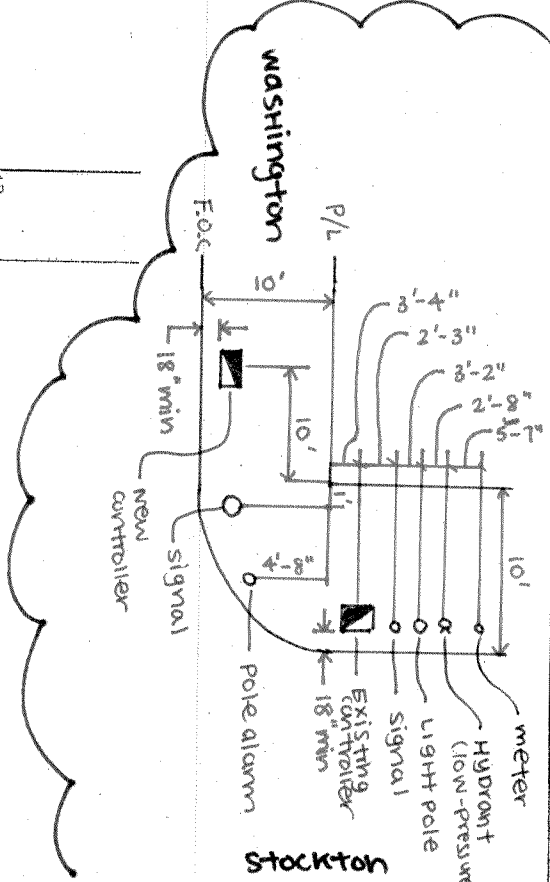
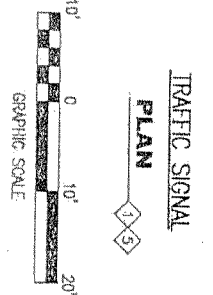
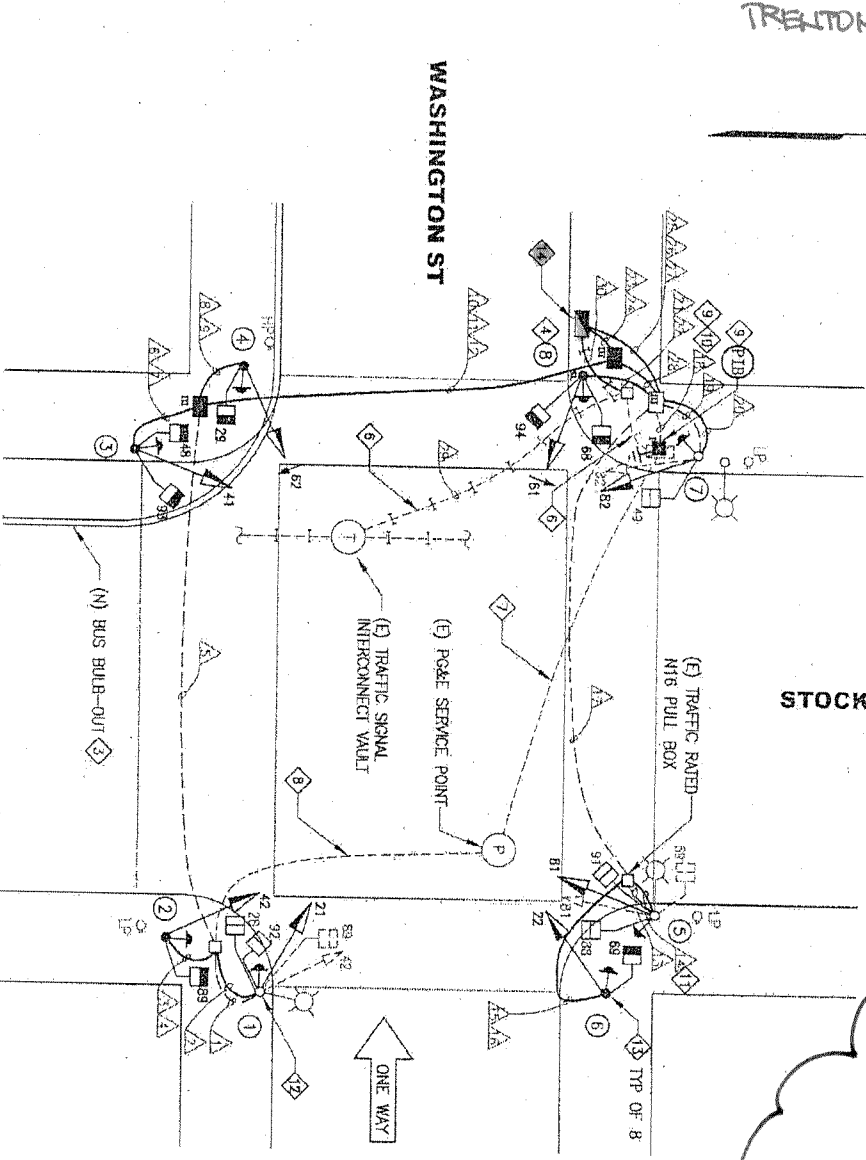
Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
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Upper Controller Cabinet is 24.5"W x 40"H x 17.5"D;
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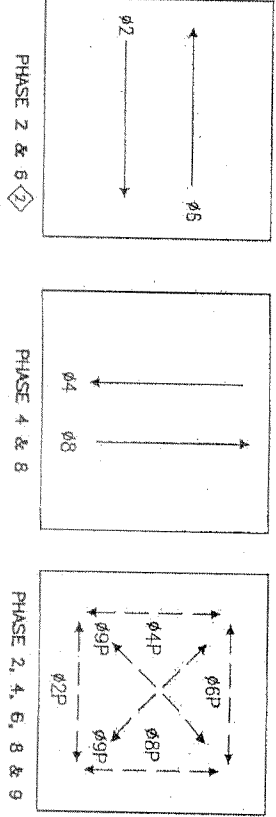
NEEDS TO ADD THE
REMOVAL OF THE
EXISTING TRAFFIC
SIGNAL CONTROLLER
CABINET.

SENSITIVE SECURITY INFORMATION



- NOTES:**
- SEE C/SERIES AND UD-SERIES PLANS FOR DEMOLITION DETAILS OF POLES, SIGNALS, AND PULL BOXES ON SW & NW CORNERS OF STOCKTON & WASHINGTON INTERSECTION.
 - WASHINGTON STREET EASTBOUND VEHICULAR SIGNALS FOR MORNING AND AFTERNOON SCHOOL BUS ROUTES.
 - SEE C/SERIES PLANS FOR (N) BUS BULB-OUT WORK. SEE RP-SERIES PLANS FOR (N) CURB RAMP INSTALLATION WORK. IF AN (E) TRAFFIC SIGNAL PULL BOX FALLS WITHIN A (N) CURB RAMP, THE (E) PULL BOX SHALL BE CONTAINED WITHIN A SINGLE PLANE OF THE (N) CURB RAMP. THE CONTRACTOR SHALL MEET THE FOLLOWING CONDITIONS WHEN ROTATING OR RELOCATING AN (E) TRAFFIC SIGNAL PULL BOX TO MEET THIS CRITERION:
 - ALL (E) CONDUIT ENDS (IE BUSHINGS) ARE WITHIN THE WALLS OF THE (E) PULL BOX AT ITS NEW LOCATION.
 - ALL CONDUIT ENDS ARE A MINIMUM OF 5" FROM THE BOTTOM OF THE PULL BOX LID.
 - THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE SFMTA TRAFFIC SIGNAL SHOP, THROUGH THE ENGINEER, BEFORE COMMENCEMENT OF WORK.
 - SEE SI-SERIES PLANS FOR STREETLIGHT POLE INSTALLATION WORK TO INCLUDE CONDUITS, CONDUIT ELBOWS, & COUPLINGS FOR TRAFFIC SIGNAL WIRES IN (N) STREETLIGHT POLE FOUNDATION.
 - R/D OF (E) TRAFFIC SIGNAL & STREETLIGHT FIELD WIRING AND F/I (N) WIRING PER CONDUIT & WIRING SCHEDULE ON ET-102. THE CONTRACTOR SHALL MAINTAIN AND KEEP TRAFFIC SIGNALS IN OPERATION AT ALL TIMES DURING CONSTRUCTION.
 - R/D OF (E) 12/C CABLE FROM (E) TRAFFIC SIGNAL INTERCONNECT VAULT TO (E) I/C AND F/I (N) CABLE PER CONDUIT & WIRING SCHEDULE ON ET-102. CUT & CAP (AND/OR DUCT-SEAL) BOTH ENDS OF THE (E) INTERCONNECT CONDUIT (BETWEEN THE (E) I/C AND THE (E) INTERCONNECT PULL BOX) AT A MINIMUM DEPTH OF 12" FROM GRADE AND ABANDON IN PLACE.
 - (E) TRAFFIC SIGNAL SERVICE CONDUIT & WIRES FROM (E) POLE SERVICE POINT TO (E) I/C TO REMAIN.
 - (E) STREETLIGHT SERVICE CONDUIT & WIRES FROM (E) POLE SERVICE POINT TO (E) TRAFFIC SIGNAL PULL BOX LOCATED ON SE CORNER TO REMAIN.
 - F/I (N) TYPE I TRAFFIC SIGNAL PULL BOX IN PLACE OF (E) I/C FOUNDATION TO CAPTURE (E) POLE SERVICE CONDUIT AND WIRES. DESIGNATE ONE OF TWO (E) CONDUITS (RUNNING BETWEEN THE (E) I/C AND THE (E) TYPE II TRAFFIC SIGNAL PULL BOX) AS CONDUIT RUN #18 TO ROUTE THE I/C SERVICE WIRES TO THE (N) I/C. F/I IN-LINE FUSE HOLDER WITH 40 AMP FUSE FOR THE I/C SERVICE AND ROUTE (N) I/C SERVICE WIRES FROM (N) TYPE I TRAFFIC SIGNAL PULL BOX TO (N) I/C. (N) TYPE II TRAFFIC SIGNAL PULL BOX) PER THE CONDUIT & WIRING SCHEDULE ON ET-102.
 - CUT & CAP (AND/OR DUCT-SEAL) BOTH ENDS OF THE REMAINING (UNUSED) SECOND CONDUIT (RUNNING BETWEEN THE (E) I/C AND THE (E) TYPE III TRAFFIC SIGNAL PULL BOX) AT A MINIMUM DEPTH OF 12" FROM GRADE AND ABANDON IN PLACE.
 - ROUTE (N) 2" GRS CONDUIT FROM (E) TRAFFIC RATED N16 PULL BOX TO QUADRANT OF (E) COMBINATION TROLLEY/STREETLIGHT/TRAFFIC SIGNAL POLE WHERE (N) APS UNIT IS LOCATED. AT BASE OF POLE, REDUCE FROM 2" GRS TO 1" GRS CONDUIT AND EXTEND EXTERNALLY ALONG POLE TO (N) APS UNIT AND FROM (N) APS UNIT TO (E) PED SIGNAL RB.
 - CAREFULLY GRIP BASE OF (E) TYPE I-A POLE FOUNDATION TO INSTALL (N) 2" PVC CONDUIT INTO INTERIOR OF POLE. COUPLE LIKE CONDUIT TO 2" PVC CONDUIT AND EXTEND FROM POLE TO (E) TRAFFIC SIGNAL PULL BOX. REPAIR POLE FOUNDATION & SIDEWALK TO MATCH EXISTING.
 - F/I APS ON POLE. ALL APS UNITS SHALL HAVE A 4' X 4' LANDING CLEARANCE AND BE A MINIMUM OF 10' APART FROM ONE ANOTHER. THE CONTRACTOR SHALL LOCATE ALL APS UNITS IN THE FIELD, UNDER THE DIRECTION OF THE STAFF TRAFFIC SIGNAL SHOP AND WITH THE APPROVAL OF THE ENGINEER.
 - F/I (N) TYPE 2" TRAFFIC SIGNAL I/C CABINET & CABINET FOUNDATION AND (N) TYPE 2070 INTERSECTION CONTROLLER. SEE ET-XXX FOR TYPE 2" I/C CABINET & FOUNDATION DETAILS.

PHASE DIAGRAM



PHASE SEQUENCE

Phase	Color	Location
G	Y	R
R	G+GL+ORA	Y
RH	WM	FRH
		PED XING STOCKTON & WASHINGTON

SFMTA

NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVAL
1	12/14/2011	ISSUED FOR I/S&R			
2		SCHEMATIC FOR BID			
3					
4					
5					



MUNICIPAL TRANSPORTATION AGENCY

CITY AND COUNTY OF SAN FRANCISCO
 DIRECTOR OF TRANSPORTATION

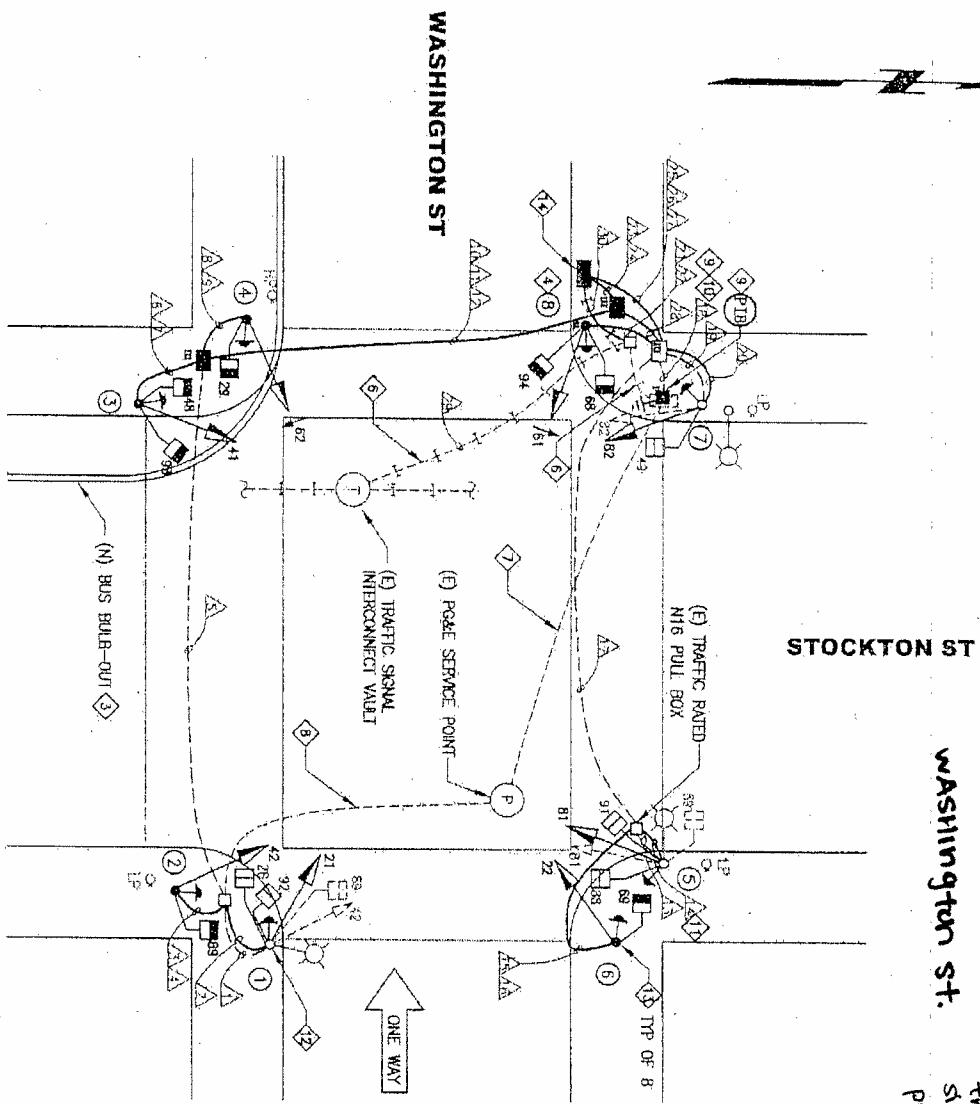
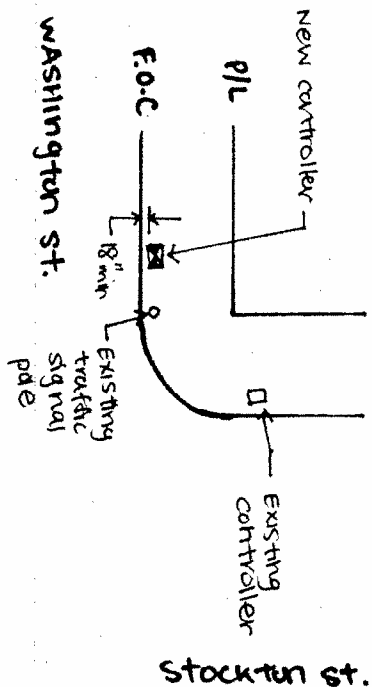
THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 CHINATOWN STATION

TRAFFIC SIGNALS
 STOCKTON STREET AND WASHINGTON STREET

CONTRACT NO.	1254R
DRAWING NO.	CL-20336
ET-101	
REVISION NO.	0

THIS DOCUMENT CONTAINS SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 1500. NO PART OF THIS RECORD MAY BE DISCLOSED TO PERSONS WITHOUT A "NEED TO KNOW," AS DETERMINED BY 49 CFR PARTS 15 AND 1500, EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATOR OF THE TRANSPORTATION SECURITY ADMINISTRATION OR THE SECRETARY OF TRANSPORTATION. UNAUTHORIZED RELEASE MAY RESULT IN CIVIL PENALTY OR OTHER ACTION.

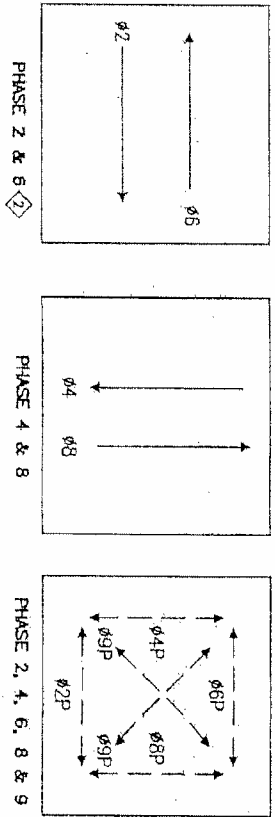
SENSITIVE SECURITY INFORMATION



NOTES:

- SEE C/S-SERIES AND UD-SERIES PLANS FOR DETAIL OF POLES, SIGNALS, AND PULL BOXES ON SW & NW CORNERS OF STOCKTON & WASHINGTON INTERSECTION.
- WASHINGTON STREET EASTBOUND VEHICULAR SIGNALS FOR MORNING AND AFTERNOON SCHOOL BUS ROUTES.
- SEE C/S-SERIES PLANS FOR (N) BUS BULL-OUT WORK. SEE R/P-SERIES PLANS FOR (N) CURB RAMP INSTALLATION WORK. IF AN (E) TRAFFIC SIGNAL PULL BOX FALLS WITHIN A (N) CURB RAMP, THE (E) PULL BOX SHALL BE COMBINED WITH A SINGLE PLANE OF THE (N) CURB RAMP. THE CONTRACTOR SHALL MEET THE FOLLOWING CONDITIONS WHEN ROTATING OR RELOCATING AN (E) TRAFFIC SIGNAL PULL BOX TO MEET THIS CRITERION:
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 - ALL CONDUIT ENDS ARE A MINIMUM OF 5' FROM THE BOTTOM OF THE PULL BOX LID.
 - THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STAFF TRAFFIC SIGNAL SHOP, THROUGH THE ENGINEER, BEFORE COMMENCEMENT OF WORK.
- SEE S/S-SERIES PLANS FOR STREETLIGHT POLE INSTALLATION WORK TO INCLUDE CONDUITS, CONDUIT ELBOWS, & COUPLINGS FOR TRAFFIC SIGNAL WIRES IN (N) STREETLIGHT POLE FOUNDATION.
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- CAREFULLY CAP BASE OF (E) TYPE I-A POLE FOUNDATION TO INSTALL (N) 2" PVC CONDUIT INTO INTERIOR OF POLE COUPLE LIKE CONDUIT TO 2" PVC CONDUIT AND EXTEND FROM POLE TO (E) TRAFFIC SIGNAL PULL BOX. REPAIR POLE FOUNDATION & SIDEWALK TO MATCH EXISTING.
- E/A (N) TYPE 'G' TRAFFIC SIGNAL I/C CABINET & CABINET FOUNDATION AND (N) TYPE 2070 INTERSECTION CONTROLLER. SEE ET-XXX FOR THE 'G' I/C CABINET & FOUNDATION DETAILS.

PHASE DIAGRAM



PHASE SEQUENCE

STOCKTON ST		WASHINGTON ST	
G	Y	R	R
R	G+GLA+GRA	Y	R
RH	RH	WM	FRH

SFMTA



MUNICIPAL TRANSPORTATION AGENCY

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 CHINATOWN STATION
 TRAFFIC SIGNALS
 STOCKTON STREET AND WASHINGTON STREET

DATE	DESCRIPTION	BY	CHKD
12/14/2011	ISSUED FOR 1254R		
12/14/2011	ISSUED FOR 20		
12/14/2011	ISSUED FOR 20		

WARNING: THESE RECORDS CONTAINING SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15.400-15.405 MAY BE RELEASED TO PERSONS WITHOUT A NEED TO KNOW, AS DEFINED IN 49 CFR PARTS 15.400-15.405, EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATION OF THE SECURITY PART OF TRANSPORTATION. UNAUTHORIZED RELEASE MAY RESULT IN CIVIL PENALTY OR OTHER ACTION.



(415) 554-5810
FAX (415) 554-6161
http://www.sfdpw.org

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0009

Surface Mounted Facility Permit

Address : WASHINGTON ST:
STOCKTON ST to TRENTON ST
(900 - 940)

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new traffic signal controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: Washington St. between Stockton St. to Trenton St. (north side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/05/2014

Applicant/Permittee

Date

Printed : 6/16/2014 10:10:54 AM Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0009

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	WASHINGTON ST	STOCKTON ST	TRENTON ST	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		

Exceptions

14SMF-0009

Street Name	From St	To St	Message	Job	Contact	Dates
WASHINGTON ST						
	STOCKTON ST	TRENTON ST -	Conflict with existing Street Use Permit.	12BW-0042	Refer to Agent - Refer to Agent	
	STOCKTON ST	TRENTON ST -	Conflict with existing Street Use Permit.	12BW-0061	Refer to Agent - Refer to Agent	
	STOCKTON ST	TRENTON ST -	Conflict with existing Street Use Permit.	13B-0007	Refer to Agent - Refer to Agent	Feb 3 2013-Feb 3 2014
	STOCKTON ST	TRENTON ST -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0540	(415) 819-8549 - (415) 819-8549	Jan 27 2014-Dec 31 2018
	STOCKTON ST	TRENTON ST -	Banners are allowed on this street	N/A		
	STOCKTON ST	TRENTON ST -	Please refer to Figure 12 of Section 9.4(A) of the DPW Order No. 171,442 for special conditions for excavation in the vicinity of AWSS.	N/A		
	STOCKTON ST	TRENTON ST -	Please see special requirements for work in Chinatown.	N/A	Ted Leung - 338 - 4608 p	
	STOCKTON ST	TRENTON ST -	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018
	STOCKTON ST	TRENTON ST -	Proposed Excavation.	SF MTA SS - Livable Streets	Damon R Curtis -	Jan 1 2013-Mar 31 2014

No Diagram submitted



MEMORANDUM

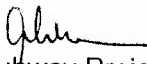
RECEIVED
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS

TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

FROM: Chuck Morganson
Central Subway Project
Project Manager – Contract CS-155-3

Al Herce 
Central Subway Project
Traffic Engineer – Contract 1253

DATE: May 3, 2013

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Train Controller
Cabinet Installation on 4th Street and Bluxome Street

OK
DML 7/10/13

Edwin M. Lee
Mayor

Tom Nolan
Chairman

Cheryl Brinkman
Vice-Chairman

Leona Bridges
Director

Malcolm Heinicke
Director

Jerry Lee
Director

Joél Ramos
Director

Cristina Rubke
Director

Edward D. Reiskin
*Director of
Transportation*

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (Train Controller Cabinet) on 4th Street and Bluxome Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, we can be reached at 415-581-5161 (Chuck Morganson) and 415-701-4552 (Al Herce).

Attachments:

1. Pre-Site Visit Checklist
2. SFMTA Five Year Plan
3. Cabinet and Foundation Specifications
4. Detailed Drawing of Proposed SMF Location
5. Photographs of Proposed SMF Location
6. Proposed Public Notice

AH: dc



EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works



Bureau of Street-use and Mapping

Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency ADDRESS: 651 Brannan Street, S.F., CA 94107

Contact Name: Chuck Morganson TEL. NO.: (415) 581-5161 FAX: (415) 701 - 4737

Date: **May 3, 2013** Proposed Location: **4th Street and Bluxome Street**

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2013 with: Chuck Morganson / Al Herce Tel. No.: 415-581-5161 or
 415-701-4552

Request for site visit is denied
 Site visit not required because:

Proposed location for the new train controller cabinet is o.k.

Reviewed By Rene Lopez ML 7/10/13 Tel. No.: (415) 554-6201

NOTE: PLEASE START THE 20-DAY NOTIFICATION.

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for the vehicle tagging system cabinet and traffic signal controller cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of the train controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of the train controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train controller cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of the train controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train controller cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There is no existing train controller cabinet. The new train controller cabinet will be installed facing west between the edge of the building property line and the existing tree on the northeast corner. The existing meters on the east side of 4th Street will be removed in the future.

04TH ST	FREELON ST intersection								<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	FREELON ST intersection	PAVING	<u>Central Subway P2-CN1256-ST5</u>	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	FREELON ST to BRANNAN ST (569 - 599)	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	FREELON ST to BRANNAN ST (569 - 599)	SFPARK	<u>SFpark sensors</u>	2/4/2011	12/31/2015	1791	Under Construction		<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	FREELON ST to BRANNAN ST (569 - 599)	PAVING	<u>Central Subway P2-CN1256-ST5</u>	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	BRANNAN ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> needs coordination
04TH ST	BRANNAN ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed		<ul style="list-style-type: none"> needs coordination
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
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04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	PAVING	<u>Central Subway P2-CN1256-ST5</u>	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	BLUXOME ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
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04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	TJPA	DTX	1/3/2014	2/15/2016	773	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK	SFpark sensors	2/4/2011	12/31/2015	1791	Under Construction	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	KING ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	KING ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013



4th STREET AND BLUXOME STREET – AERIAL VIEW



4th STREET AND BLUXOME STREET – NE CORNER (PROPOSED LOCATION)



FACING SOUTH



FACING NORTH



FACING WEST

**4th STREET AND BLUXOME STREET – NE CORNER
(Proposed Train Controller Cabinet Location)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new train controller cabinet at the northeast corner of 4th Street and Bluxome Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

For maintenance purposes, power, and interface to other cabinets, the location of the train controller cabinet is limited to the portion of the sidewalk as close to the intersection as possible. Train controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible.

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

Train Controller Cabinet is 84"W x 64"H x 30"D;
Concrete Foundation is 88"W x 3"H x 34"D
Total Height (Cabinet, Foundation, and Posts): 67"



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

May 8, 2013

Dear San Francisco Resident:

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For maintenance purposes, power, and interface to other cabinets, the location of the train controller cabinet is limited to the portion of the sidewalk as close to the intersection as possible. Train controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible.

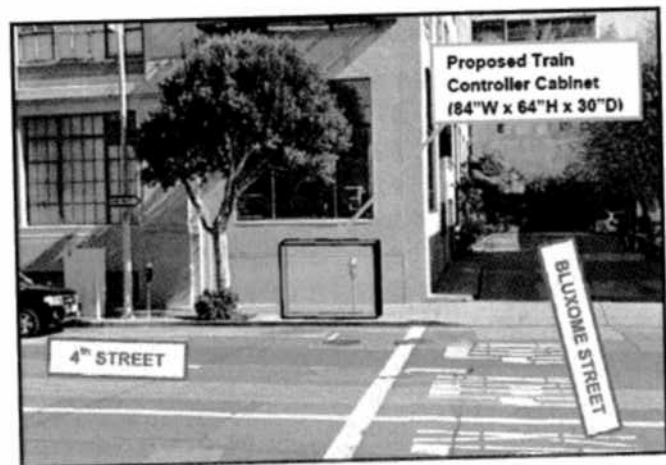
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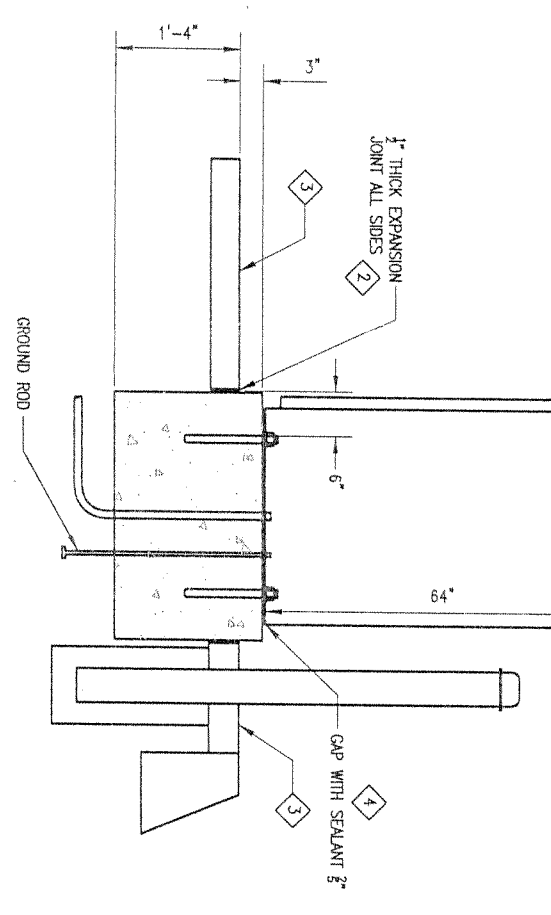
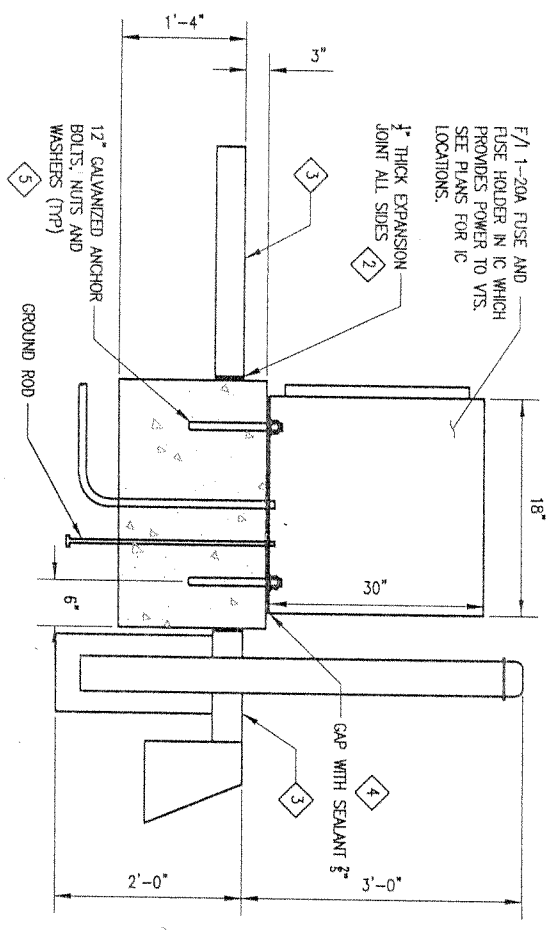
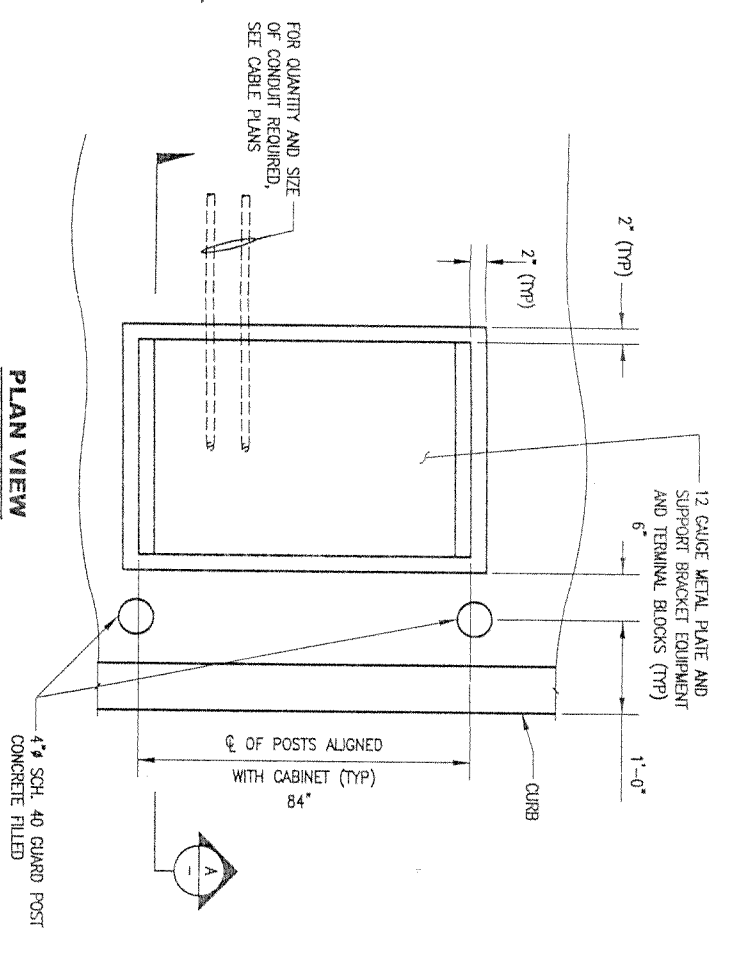
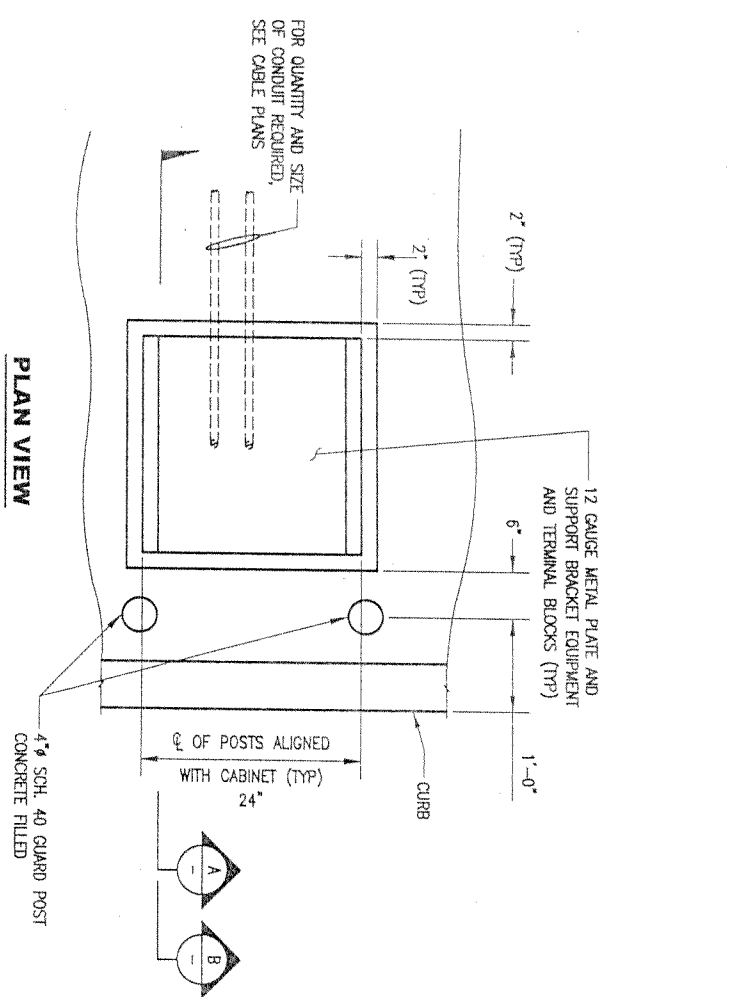
Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
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Concrete Foundation is 88"W x 3"H x 34"D
Total Height (Cabinet, Foundation, and Posts): 67"



SENSITIVE SECURITY INFORMATION



VTS CABINET
SECTION A

TC CASE
SECTION B

CABINET INSTALLATION DETAILS

NOTES:

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, UNK, PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - a) CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
 - i) PROPORTION OF COMPONENTS IN THE MIX
 - ii) BRAND OF CEMENT
 - iii) SOURCE OF AND GRADATION OF AGGREGATES
 - iv) WATER-CEMENT RATIO BY WEIGHT
 - v) COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
 - b) MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADMIXTURES, JOINT MATERIALS AND SYSTEMS, EMBEDDED ITEMS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" FIBER EXPANSION JOINT SHALL BE BITUMINOUS MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION, SEALTIGHT FIBER EXPANSION JOINT.
3. RECONSTRUCT SIDEWALK TO NEAREST JOINT, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORING 791 SILICONE PERIMETER SEALANT.
5. ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
7. CURING COMPOUND SHALL BE SEALTIGHT WHITE-PIGMENTED THAT MEETS ASTM C 309, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.
8. VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
9. TC CASE SHALL BE INSTALLED AT 4TH & BLYNDNE AND 4TH & KING.

DRAWING IN PROGRESS / SUBJECT TO CHANGE / 11"X17" = HALF SIZE

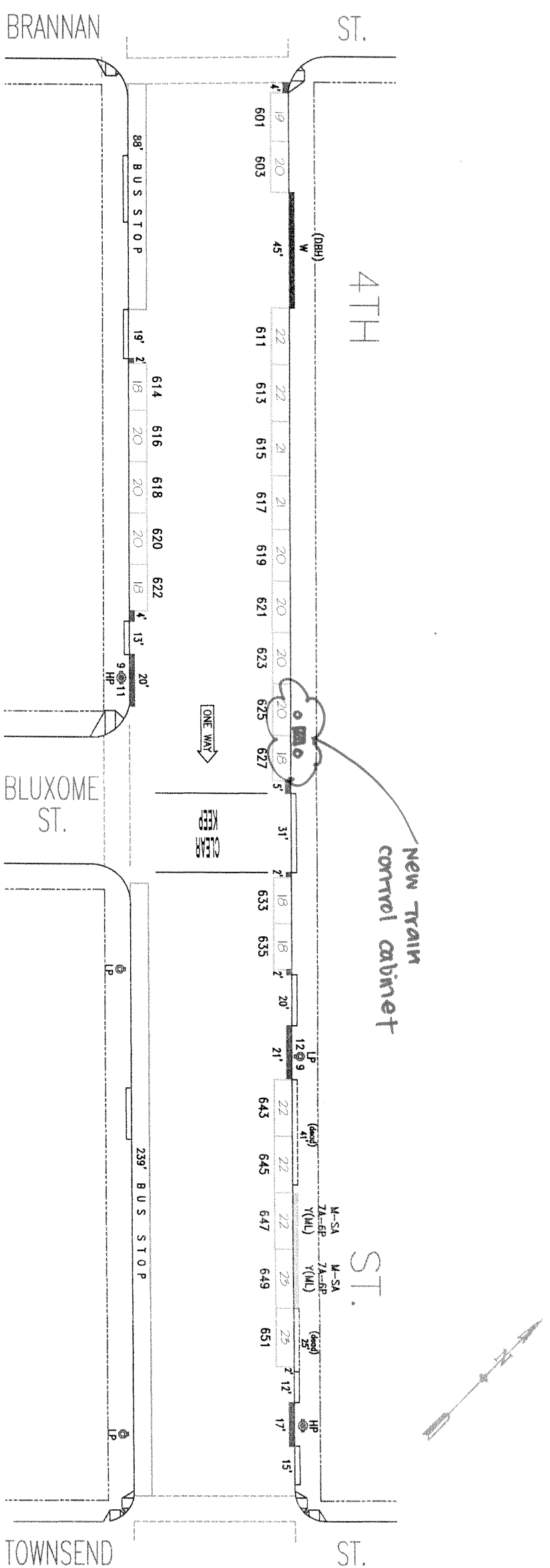
DATE	DESCRIPTION	BY	CHECKED	APPROVED
01/13/2012	ISSUED FOR PRE-FINAL SUBMITTAL			
03/01/2011	ISSUED FOR 65% DESIGN SUBMITTAL			

HNTB-B&C
 JOINT VENTURE

CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 SURFACE SIGNALING
 CABINET INSTALLATION DETAILS

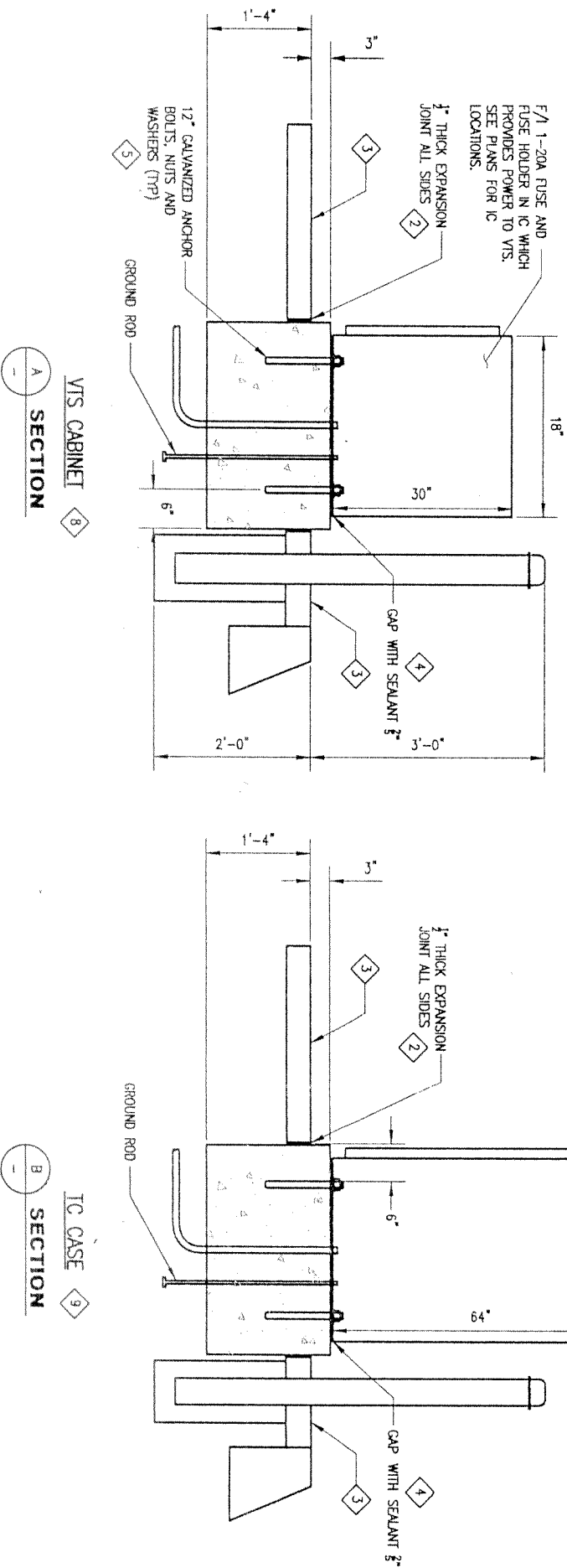
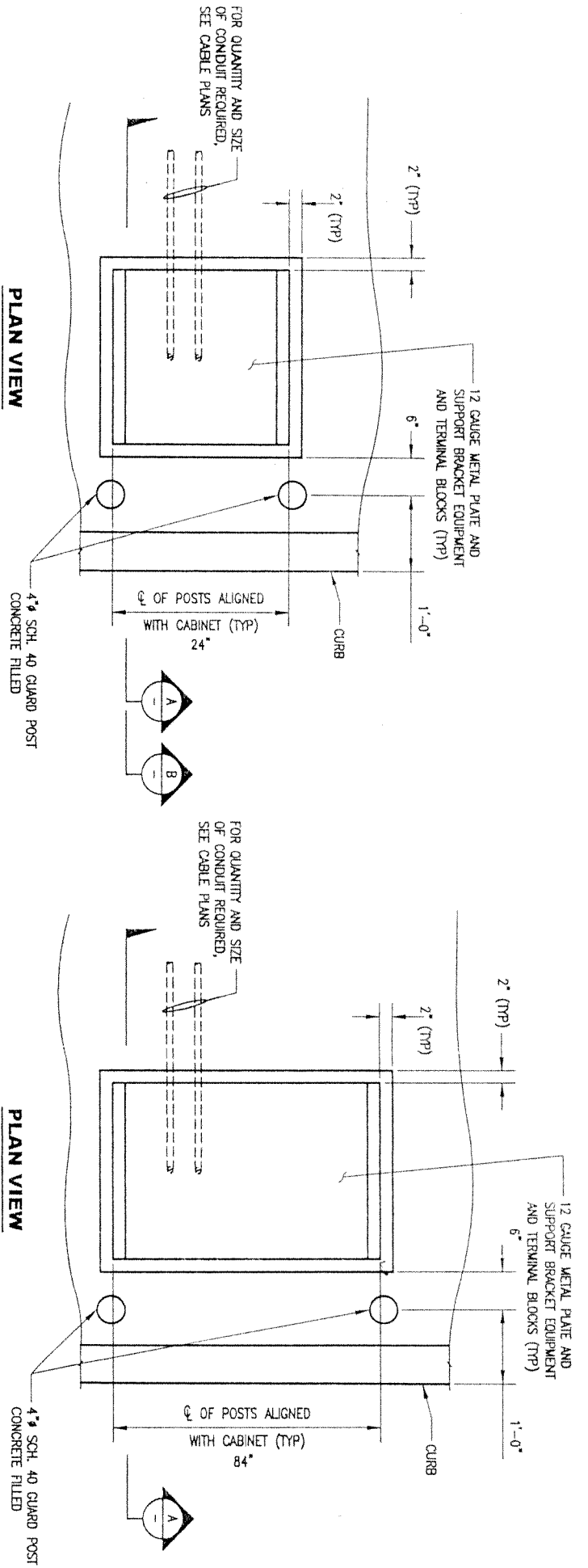
CONTRACT NO.	1256
SHEET NO.	SG-156
REVISION	0B



NO.	REVISION DESCRIPTION	BY	DATE	DIR/RES	3	Install #643, 645, 651 on dead dwy.	JB	6/24/11
1	Convert from Area 3 to Area 1	BW	2/1/06	270-05				
2	611,613,647,649 - 1 Hr Limit	BW	1/2/07					

TOW-AWAY		METER CT.		GENERAL		LOADING		METERED SPACES									
AM	PM	SS	MS	GMP	MC	TIMES	DAYS	ML	MTL	6-W	15 MIN	30 MIN	1 HR	2 HR	10 HR	NO LIMIT	TOTAL
		18		14		9A-6P	M-SA	4					4	14			18
		5		5		9A-6P	M-SA						5				5

SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY CITY AND COUNTY OF SAN FRANCISCO PARKING METER SPACES		4TH ST. (04S, 204) (600) BLOCK Meters #204-06XXY		AREA 1
BRANNAN ST. TO TOWNSEND ST. SCALE: 1" = 50' DATE: 6/23/11 BY: JB				



NOTES:

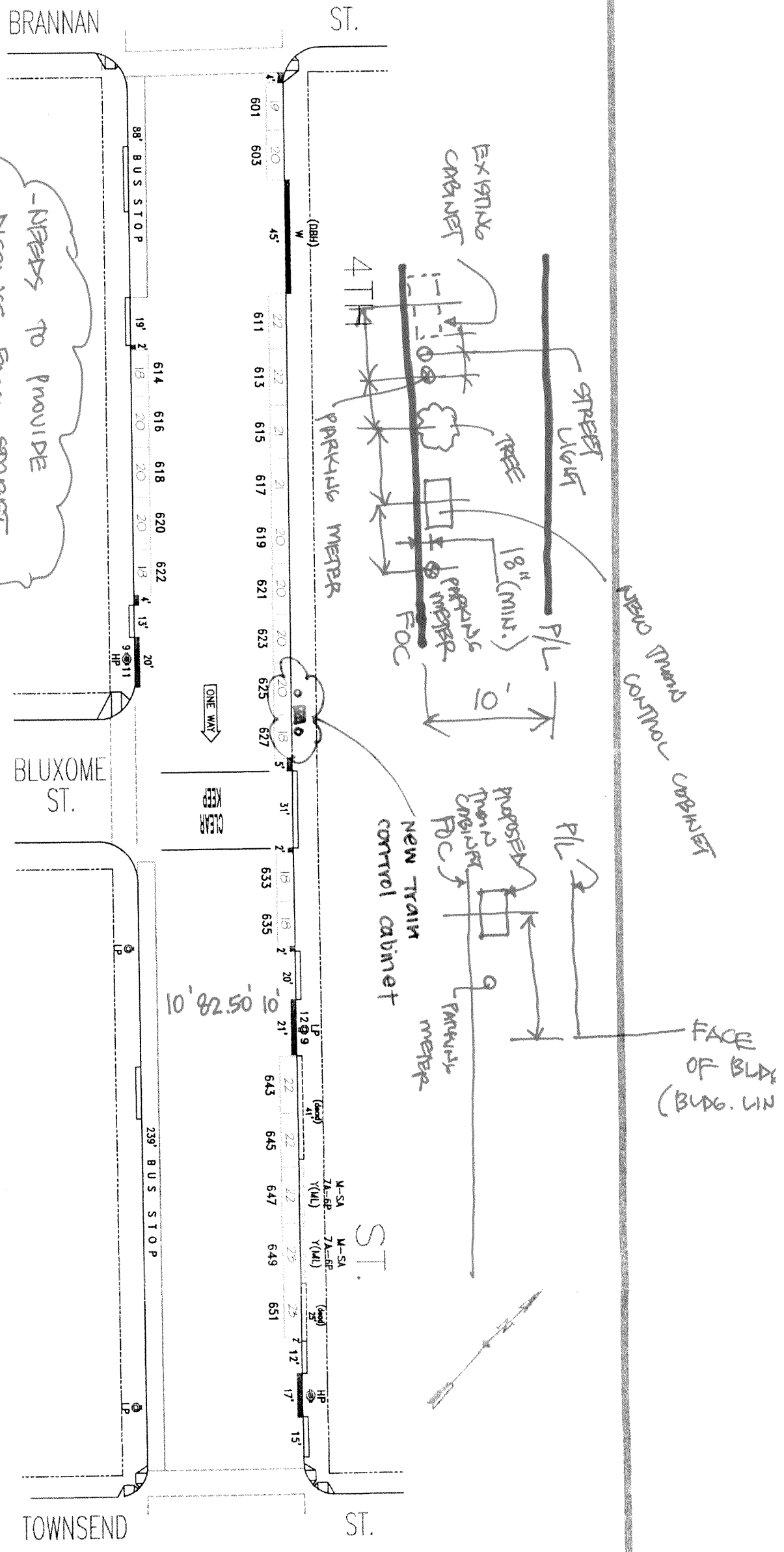
1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT UCON. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
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CABINET INSTALLATION DETAILS

NTS

DRAWING IN PROGRESS / SUBJECT TO CHANGE / 11"X17" = HALF SIZE

<p>01/13/2012 ISSUED FOR PRE-TANK SUBMITTAL 03/01/2011 ISSUED FOR 65% DESIGN SUBMITTAL</p>		<p>DATE DESCRIPTION</p>	
NO.	BY	DATE	DESCRIPTION
1	JA	01/13/2012	ISSUED FOR PRE-TANK SUBMITTAL
2	JA	03/01/2011	ISSUED FOR 65% DESIGN SUBMITTAL
<p>PROJECT: HNTB-BSC JOINT VENTURE B&C TRANSIT INC. CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY</p>			
<p>DESIGNED BY: R. ALJERDA CHECKED BY: I. WOOTEN ORDERED BY: [blank] RECOMMENDED BY: [blank] APPROVED BY: [blank]</p>		<p>APPROVED BY: [blank] DIRECTOR OF TRANSPORTATION</p>	
<p>PROJECT NO.: 1256 SHEET NO.: SG-156</p>		<p>CONTRACT NO.: 1256 DIVISION: 0B</p>	
<p>THIRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS SURFACE SIGNALING CABINET INSTALLATION DETAILS</p>			



- NEEDS TO PROVIDE
 DISMOUNT FROM STREET
 FURNITURES!

- Provide size of the sidewalk & street

NO.	REVISION DESCRIPTION	BY	DATE	DIR/RES	3	Install #643, 645, 651 on dead dwy.	JB	6/24/11
1	Convert from Area 3 to Area 1	BW	2/1/06	270-05				
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EVEN			5		5		9A-6P	M-SA						5				5

SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY CITY AND COUNTY OF SAN FRANCISCO PARKING METER SPACES		4TH ST. (04S, 204) (600) BLOCK Meters #204-06XXX BRANNAN ST. TO TOWNSEND ST.	AREA 1
---	--	---	------------------

MEMORANDUM

TO: Rene Lopez
 Bureau of Street Use and Mapping
 875 Stevenson Street, Room 460

FROM: Chuck Morganson *(CM)*
 Central Subway Project
 Project Manager, Contract CS-155-3

DATE: June 5, 2012

SUBJECT: **Central Subway Project**
Surface Mounted Facility Submittal Package for Train Control Cabinet
Installation on 4th Street and Bluxome Street

OK
MM
 4/9/13
 w/ COMMENTS
 on NO. 8 on THE
 CHECKLIST (EXH.)
 NOTICE (EXH.)
 & PHOTO.

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Train Control Cabinet) on 4th Street and Bluxome Street.

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If you have any questions, I can be reached at (415) 581-5161

Attachments:

- Pre-Site Visit Checklist (Exhibit A of DPW Order No. 175,566)
- Copy of SFMTA's Five Year Plan
- Cabinet and Foundation Specifications
- Detailed Drawing of Proposed SMF Location
- Photographs of proposed SMF Location
- Copy of Proposed Public Noticed

✓ AH: dc

NOTE: WE MIGHT HAVE A PROBLEM MEETING THE MIN. REQUIRED DISTANCE FROM THE ORDER ABOVE GROUND STRUCTURES (TREES, PARKING METERS) (MIN. DISTANCE REQ'D. IS 40 INCHES)

EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works

Bureau of Street-use and Mapping



Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency

ADDRESS: 651 Brannan Street, San Francisco, CA 94107

Contact Name: Chuck Morganson

TEL. NO.: (415) 581 - 5161

FAX: (415) 701 - 4737

Date: **October 21, 2011** Proposed Location: **4th Street at Bluxome Street**

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
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ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2011 with: Chuck Morganson Tel. No.: (415) 581-5161

Request for site visit is denied

Site visit not required because:

Proposed location for the new traffic signal controller cabinet is o.k.

Reviewed By Rene Lopez
 Tel. No.: (415) 554-6201

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for train switch controller cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of train switch controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train switch controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of train switch controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train switch controller cabinets cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of train switch controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train switch controller cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There is no existing train switch controller cabinet on Fourth Street and Bluxome Street. The new train switch controller cabinet will be installed on the ~~SW~~ corner, facing north. SW.

NE

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
04TH ST	SHIPLEY ST to CLARA ST (336 - 369)				
04TH ST	CLARA ST intersection	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1062
		SEWER	7/22/2011	1424J-3	964
04TH ST	CLARA ST to HARRISON ST \ I-80 W ON RAMP (368 - 427)	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1062
		SEWER	7/22/2011	1424J-3	964
04TH ST	HARRISON ST \ I-80 W ON RAMP intersection	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1609
		DPT	6/1/2011	Reopening Closed Crosswalks	580
		SEWER	7/22/2011	1424J-3	964
04TH ST	HARRISON ST \ I-80 W ON RAMP to PERRY ST (416 - 441)	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
04TH ST	PERRY ST intersection	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
04TH ST	PERRY ST to STILLMAN ST (432 - 462)	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
04TH ST	STILLMAN ST intersection	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
04TH ST	STILLMAN ST to BRYANT ST \ I-80 E OFF RAMP (463 - 499)	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
04TH ST	BRYANT ST \ I-80 E OFF RAMP intersection	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	2127
		SEWER	7/22/2011	1424J-3	964
		SEWER	10/15/2012	1424J-7	492
04TH ST	BRYANT ST \ I-80 E OFF RAMP to WELSH ST (500 - 541)	SEWER	1/1/2017	1467JB	365
		MUNI	1/4/2010	Central Subway	2157
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	7/22/2011	1424J-3	964
		SEWER	10/15/2012	1424J-7	492
04TH ST	WELSH ST intersection	SEWER	1/1/2017	1467JB	365
		SEWER	10/15/2012	1424J-7	492
04TH ST	WELSH ST to FREELON ST (530 - 568)	MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
04TH ST	FREELON ST intersection	SEWER	1/1/2017	1467JB	365
		SEWER	10/15/2012	1424J-7	492
04TH ST	FREELON ST to BRANNAN ST (569 - 599)	MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
04TH ST	BRANNAN ST intersection	SEWER	1/1/2017	1467JB	365
		SEWER	10/15/2012	1424J-7	492
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	MUNI	4/1/2013	Central Subway	913
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
		SEWER	1/1/2017	1467JB	365
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
04TH ST	BLUXOME ST intersection	SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK	2/4/2011	SFpark sensors	696
		TJPA	1/1/2012	DTX	45
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	TOWNSEND ST intersection	SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	TOWNSEND ST to KING ST (700 - 799)	DPT	8/1/2011	SFgo Parking Guidance and Pavement Renovation	366
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	KING ST intersection	SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	KING ST to BERRY ST (800 - 899)	SEWER	1/1/2017	1467JB	365
04TH ST	BERRY ST intersection	RAMPS	1/3/2011	1794J MOD FY10-11 Curb Ramps	270
05TH AVE	END to LAKE ST (1 - 99)	SEWER	7/1/2017	N/A	20
05TH AVE	LAKE ST intersection	DPT	7/1/2013	Traffic Calming - Circles	364
05TH AVE	CALIFORNIA ST intersection	DPT	6/1/2011	Continental Crosswalks	1175
05TH AVE	CALIFORNIA ST to CORNWALL ST (190 - 199)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
05TH AVE	CLEMENT ST intersection	NEWSRACK	6/1/2011	Clement St CGS	122
		PAVING	7/1/2024	Clement St Pavement Renovation	150
05TH AVE	GEARY BLVD intersection	NEWSRACK	10/1/2011	Geary Bl A CGS	366
05TH AVE	GEARY BLVD to ANZA ST (400 - 499)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
05TH AVE	BALBOA ST to CABRILLO ST (600 - 699)	SEWER	7/1/2014	N/A	20
05TH AVE	CABRILLO ST intersection	SEWER	12/1/2014	N/A	20
05TH AVE	CABRILLO ST to FULTON ST (700 - 799)	SEWER	7/1/2016	N/A	20
05TH AVE	FULTON ST intersection	DPT	6/1/2011	Continental Crosswalks	1175
		PAVING	7/1/2012	Pavement Renovation- Fulton St	150
		DPT	1/1/2015	TEP Implementation	364
05TH AVE	HUGO ST to IRVING ST (1245 - 1299)	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
05TH AVE	IRVING ST intersection	PAVING	7/1/2014	Pavement Renovation- Irving St	150
05TH AVE	JUDAH ST \ PARNASSUS AVE intersection	PAVING	11/1/2011	1747J	145
05TH AVE	JUDAH ST \ PARNASSUS AVE to KIRKHAM ST (1400 - 1499)	PAVING	7/1/2012	BSSR	120
05TH AVE	KIRKHAM ST to END (1500 - 1599)	SEWER	7/1/2015	N/A	20
05TH ST	CYRIL MAGNIN ST \ MARKET ST intersection	PAVING	1/1/2015	1603J	151
05TH ST	CYRIL MAGNIN ST \ MARKET ST to STEVENSON ST (1 - 32)	DPT	7/1/2011	MTA BIKE PLAN	365
05TH ST	STEVENSON ST to MINT PLZ (23 - 66)	DPT	7/1/2011	MTA BIKE PLAN	365
05TH ST	MINT PLZ to JESSIE ST (45 - 82)	DPT	7/1/2011	MTA BIKE PLAN	365

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
BERRY ST	04TH ST to 05TH ST (200 - 299)				
BERRY ST	05TH ST intersection	SFPARK	2/4/2011	SFpark sensors	696
BERRY ST	05TH ST to 06TH ST (300 - 399)	SEWER	1/1/2017	1467JB	365
BERRY ST	06TH ST intersection	SFPARK	2/4/2011	SFpark sensors	696
BERRY ST	06TH ST to END (400 - 478)	SEWER	7/1/2012	N/A	20
BERTHA LN	HUDSON AVE intersection	SFPARK	2/4/2011	SFpark sensors	696
BERTITA ST	SENECA AVE intersection	PAVING	7/1/2014	Pavement Renovation- Hudson Ave	150
		PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
BERWICK PL	HERON ST to HARRISON ST (40 - 99)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
BESSIE ST	FOLSOM ST \ PRECITA AVE intersection				
BEULAH ST	SHRADER ST to STANYAN ST (100 - 199)	PAVING	7/1/2012	Folsom St Pavement Renovation Phase 3	147
BEULAH ST	STANYAN ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
		DPT	6/1/2011	Continental Crosswalks	1175
BEVERLY ST	19TH AVE \ RANDOLPH ST \ SARGENT ST intersection	PAVING	11/1/2011	1762J	150
		DPT	6/1/2011	Traffic Calming - Channelization	366
BEVERLY ST	19TH AVE \ RANDOLPH ST \ SARGENT ST to SHIELDS ST (1 - 99)	PGE	1/1/2014	+Randolph 1	211
BEVERLY ST	SHIELDS ST intersection	PAVING	8/1/2011	1894J - Slurry Sealing	59
BEVERLY ST	SHIELDS ST to GARFIELD ST (100 - 199)	PAVING	8/1/2011	1894J - Slurry Sealing	59
BEVERLY ST	GARFIELD ST intersection	PAVING	8/1/2011	1894J - Slurry Sealing	59
BEVERLY ST	GARFIELD ST to HOLLOWAY AVE (200 - 299)	PAVING	8/1/2011	1894J - Slurry Sealing	59
BIRCH ST	OCTAVIA ST intersection	PAVING	8/1/2011	1894J - Slurry Sealing	59
BIRCH ST	OCTAVIA ST to LAGUNA ST (500 - 599)	PAVING	12/13/2010	1444J	291
BIRCH ST	LAGUNA ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
BLACKSTONE CT	FRANKLIN ST intersection	SFWD	7/1/2011	WD-2439	331
		DPT	12/1/2011	SFGO Franklin Fiber	396
BLAKE ST	ANZA ST intersection	PAVING	7/1/2013	Pavement Renovation- Franklin St	150
BLANCHE ST	23RD ST intersection	PAVING	9/1/2011	1787J	89
BLANCHE ST	ELIZABETH ST intersection	SFWD	10/1/2012	WD-2613	239
BLANKEN AVE	TUNNEL AVE to WHEELER AVE (100 - 199)	PAVING	8/1/2011	1779J - Slurry Sealing	59
BLANKEN AVE	WHEELER AVE to PENINSULA AVE (200 - 299)	PAVING	7/1/2014	BSSR	120
BLANKEN AVE	PENINSULA AVE to TOCOLOMA AVE (300 - 399)	PAVING	7/1/2014	BSSR	120
BLANKEN AVE	TOCOLOMA AVE to NUEVA AVE (400 - 499)	PAVING	7/1/2014	BSSR	120
BLUXOME ST	04TH ST intersection	PAVING	7/1/2014	BSSR	120
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
BLUXOME ST	04TH ST to 05TH ST (1 - 99)	SEWER	1/1/2017	1467JB	365
		PAVING	7/1/2012	Various Locations Slurry Sealing Contract 1A - Slurry Sealing	515
BLUXOME ST	05TH ST to 06TH ST (100 - 199)	PAVING	7/1/2012	Various Locations Slurry Sealing Contract 1A - Slurry Sealing	515
BOARDMAN PL	BRANNAN ST intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515

4TH ST. & BLUXOME - AERIAL VIEW



PROPOSED LOCATION

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

June 5, 2012 ?

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a Train Control cabinet at the **south side** of Fourth Street and Bluxome Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the Train Control cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible, the Train Control cabinets are also limited to the spaces. Traffic Signal Controller cabinets already exist on Fourth Street at Bluxome Street. It would be optimal to locate new Train Control cabinets as close to these cabinets to avoid relocating the existing cabinets.

If you object to the installation of the SMF, you must notify the Department of Public Works of your objections either by phone at (415) 554-5810 or by mail at the Bureau of Street-Use and Mapping, 875 Stevenson Street, Room 460, San Francisco, CA 94103-0942. You have 20 days from the date of this notice to either telephone or send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

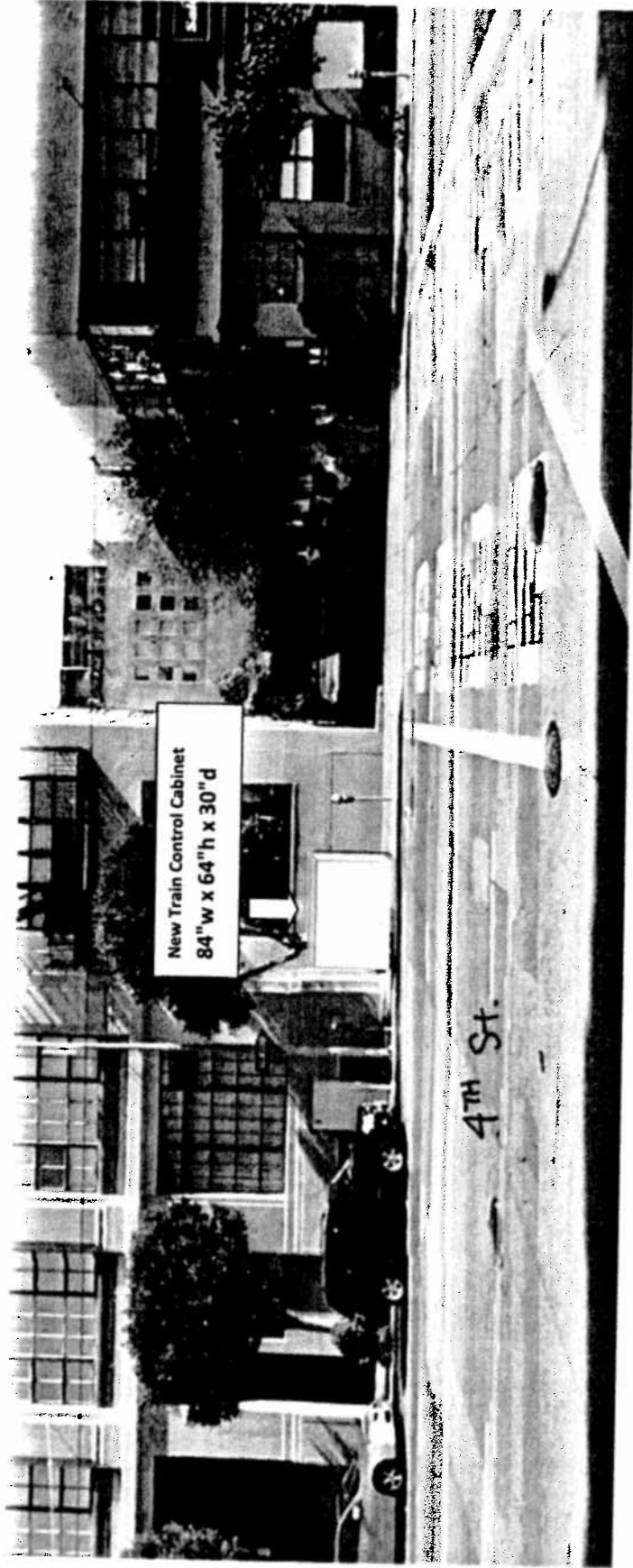
Chuck Morganson
San Francisco Municipal Transportation Agency
Central Subway Project
651 Brannan Street
San Francisco, CA 94107
(415) 581-5161



Train cabinet is 84" W x 64" H x 30" D;
Concrete foundation is 88" W x 3" H x 34" D
Total Height (cabinet, foundation, and posts): 67"

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the **Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 03rd Floor, San Francisco, California 94103-0942** or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

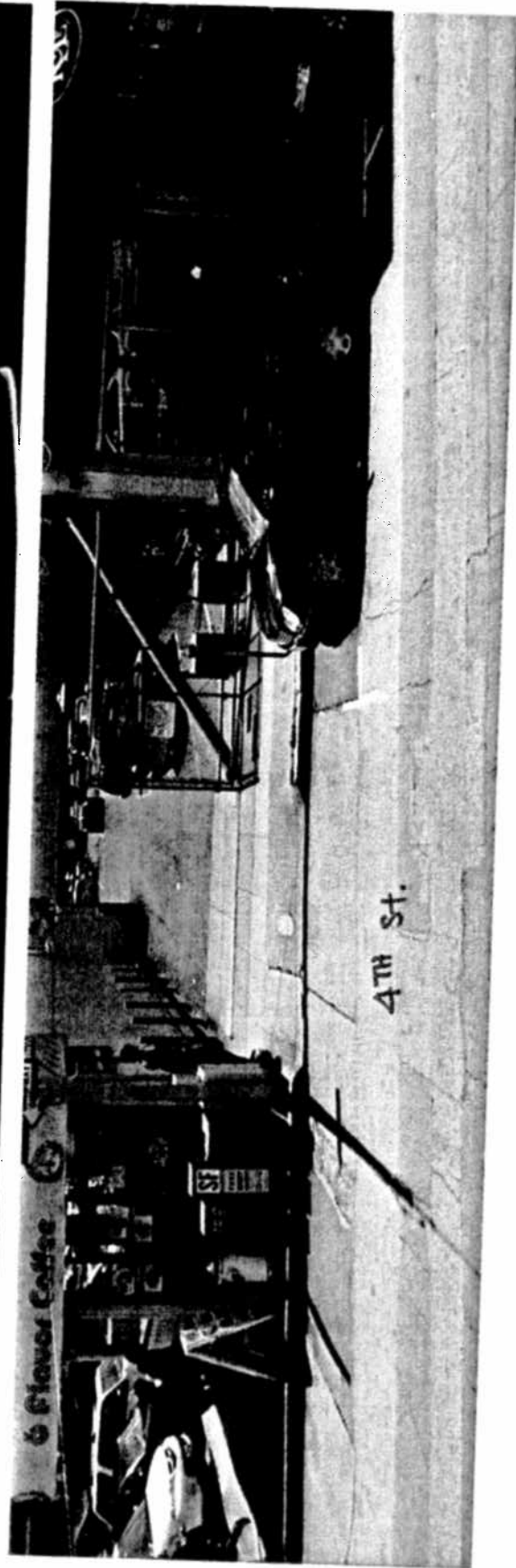
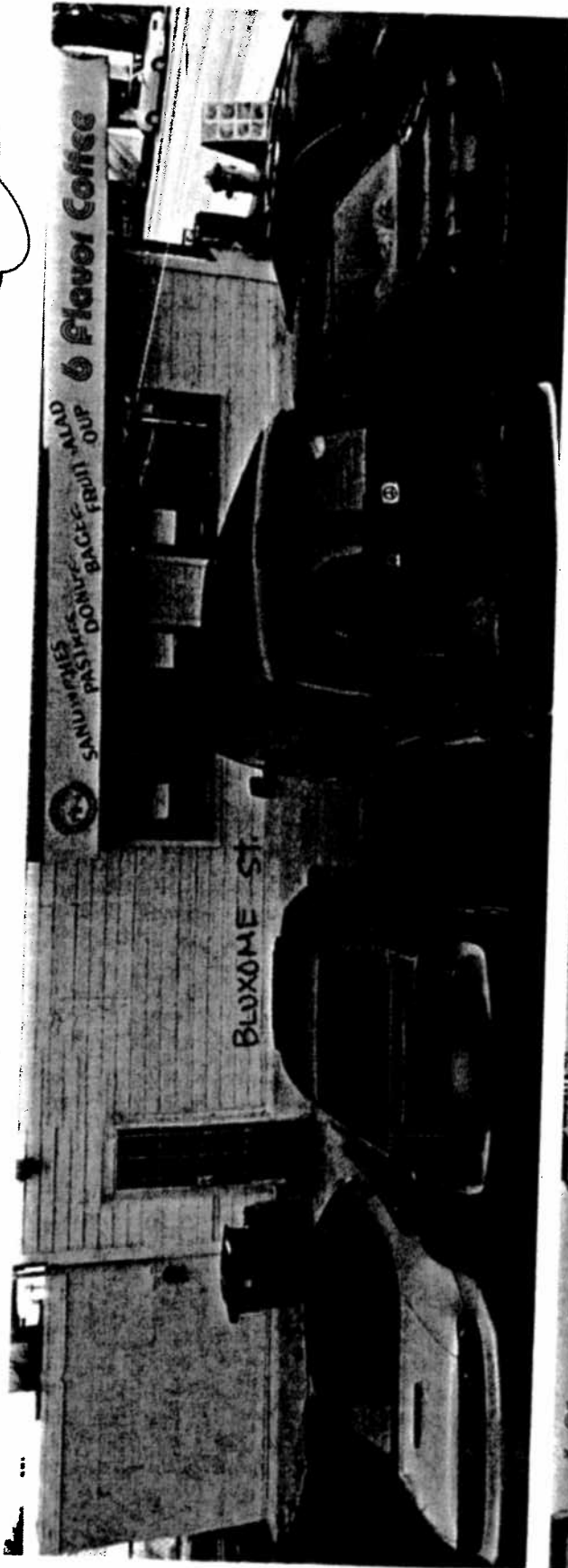
4TH ST. & BLUXOME - NE Corner



LOOKING NORTHEAST ACROSS 04TH ST. TOWARDS THE PROPOSED
LOCATION. TOWNSEND ST. IS ON THE RIGHT TO THE SOUTHEAST.
(NEEDS PHOTO OF BOTH SIDES OF THE PROPOSED CABINET)
IDENTIFY THE PHOTOS.

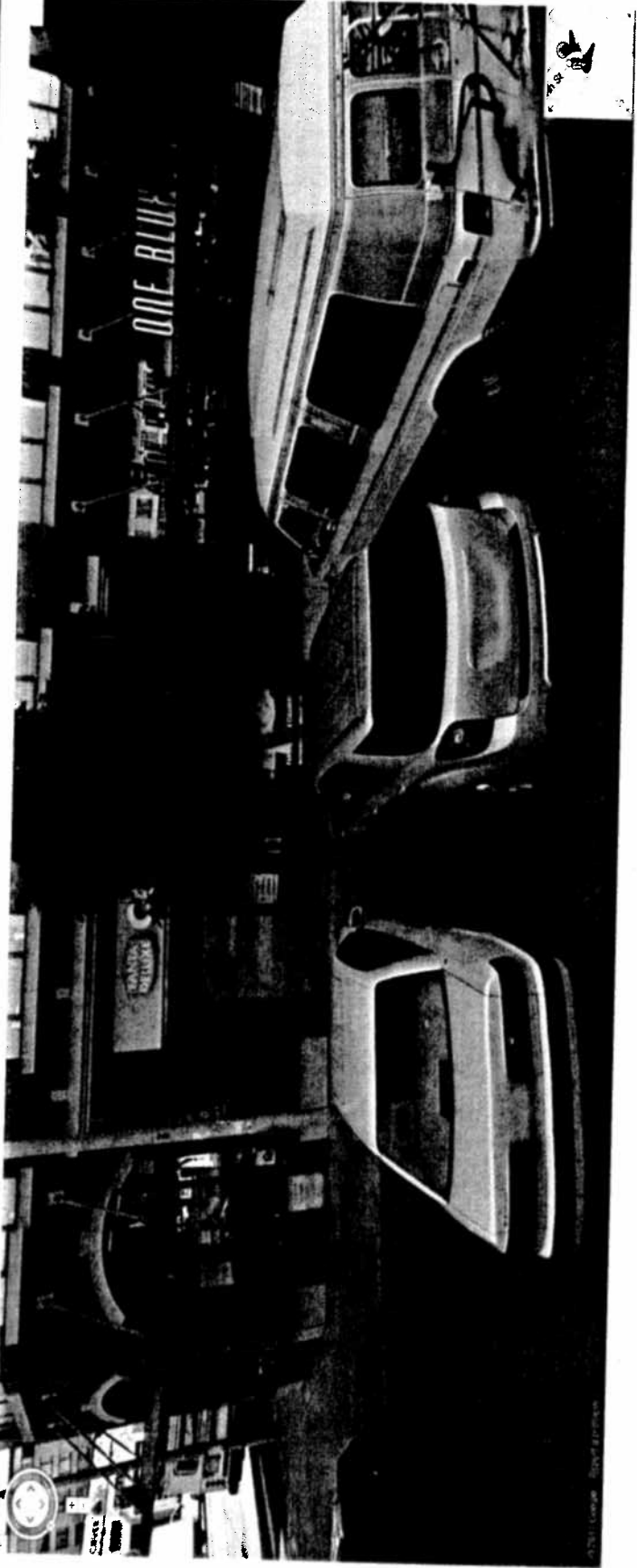
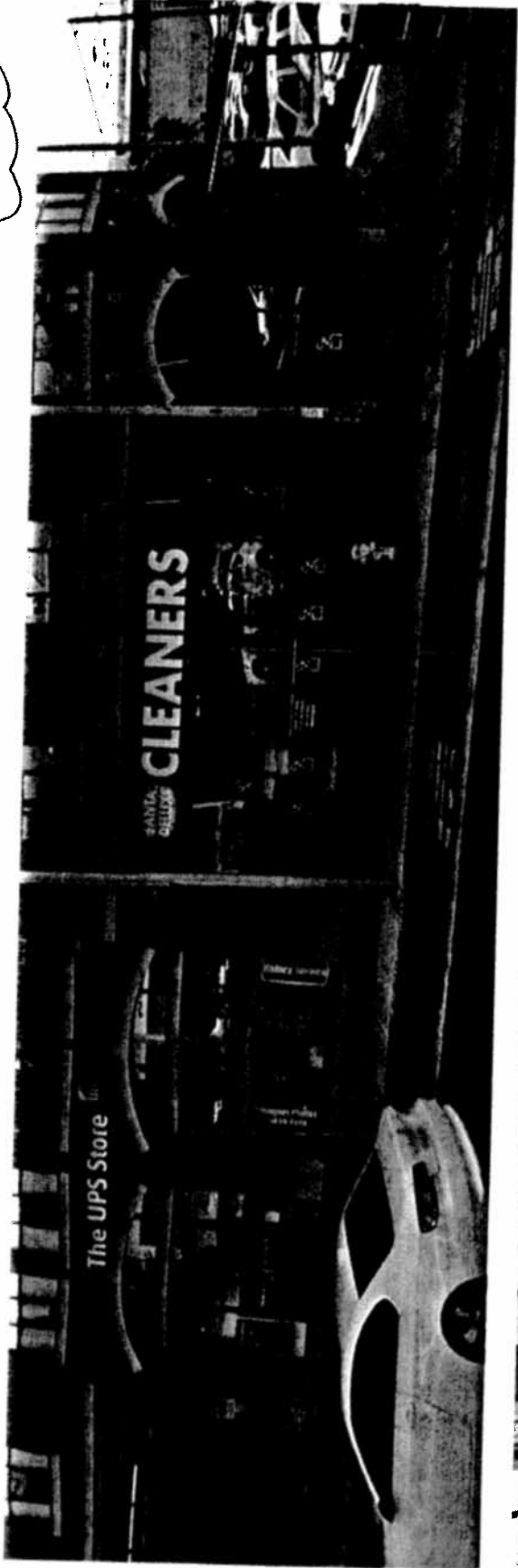
4TH ST. & BLUXOME - NW Corner

NOT RECD.



4TH ST. & BLUXOME - SW CORNER

NOT NEARBY





(415) 554-5810
FAX (415) 554-6161
<http://www.sfdpw.org>

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0010

Surface Mounted Facility Permit

Address : BLUXOME ST: 04TH ST
intersection

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new train controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: Intersection of 04th St. & Bluxome St. (east side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/05/2014

Applicant/Permittee

Date

Printed : 6/16/2014 10:32:52 AM Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0010

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	BLUXOME ST	04TH ST	Intersection	East	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		


Exceptions

Street Name	From St	To St	Message	Job	Contact	Dates
04TH ST						
	BLUXOME ST	Intersection	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0431	(415) 819-8549 - (415) 819-8549	Jan 22 2014-Dec 31 2018
	BLUXOME ST	Intersection	No construction allowed in streets on game days at PacBell Park 2 hours before and until 2 hours after events. Day event hours:10am-6pm. Night event hours: 4pm-Midnight. Call 415-972-2000ext0 for more information.	N/A		
	BLUXOME ST	Intersection	Please refer to Figure 12 of Section 9.4(A) of the DPW Order No. 171,442 for special conditions for excavation in the vicinity of AWSS.	N/A		
	BLUXOME ST	Intersection	Under G095 requirement, Contractor shall contact Muni Overhead Line Division of any work 10 feet in horizontal or vertical direction of overhead lines. Contact: Tim Lipps @ (415) 554-9227	N/A		
	BLUXOME ST	Intersection	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018
	BLUXOME ST	Intersection	Proposed Excavation.	SF PUC Water	Heather Rhee -	Jan 1 2017-Dec 15 2017
BLUXOME ST						
	04TH ST	Intersection	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0431	(415) 819-8549 - (415) 819-8549	Jan 22 2014-Dec 31 2018
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	04TH ST	Intersection	Please refer to Figure 12 of Section 9.4(A) of the DPW Order No. 171,442 for special conditions for excavation in the vicinity of AWSS.	N/A		
	04TH ST	Intersection	Under G095 requirement, Contractor shall contact Muni Overhead Line Division of any work 10 feet in horizontal or vertical direction of overhead lines. Contact: Tim Lipps @ (415) 554-9227	N/A		
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	04TH ST	Intersection	Proposed Excavation.	SF PUC Water	Heather Rhee -	Jan 1 2017-Dec 15 2017

No Diagram submitted

MEMORANDUM

TO: Rene Lopez
Bureau of Street Use and Mapping
875 Stevenson Street, Room 460

FROM: Chuck Morganson 
Central Subway Project
Project Manager, Contract CS-155-3

DATE: June 5, 2012

SUBJECT: **Central Subway Project**
Surface Mounted Facility Submittal Package for Train Control Cabinet
Installation on 4th Street and Bluxome Street

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Train Control Cabinet) on 4th Street and Bluxome Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, I can be reached at (415) 581-5161

Attachments:

Pre-Site Visit Checklist (Exhibit A of DPW Order No. 175,566)
Copy of SFMTA's Five Year Plan
Cabinet and Foundation Specifications
Detailed Drawing of Proposed SMF Location
Photographs of proposed SMF Location
Copy of Proposed Public Noticed

 AH: dc

EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works

Bureau of Street-use and Mapping



Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency

ADDRESS: 651 Brannan Street, San Francisco, CA 94107

Contact Name: Chuck Morganson

TEL. NO.: (415) 581 – 5161

FAX: (415) 701 - 4737

Date: **October 21, 2011** Proposed Location: **4th Street at Bluxome Street**

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2011 with: Chuck Morganson Tel. No.:(415) 581-5161

Request for site visit is denied
 Site visit not required because:

 Proposed location for the new traffic signal controller cabinet is o.k.

Reviewed By Rene Lopez _____ Tel. No.: (415) 554-6201

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

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Attached are the specifications for train switch controller cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of train switch controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train switch controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of train switch controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train switch controller cabinets cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of train switch controller cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train switch controller cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT
GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED
FACILITY

There is no existing train switch controller cabinet on Fourth Street and Bluxome Street. The new train switch controller cabinet will be installed on the SW corner, facing north.

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
04TH ST	SHIPLEY ST to CLARA ST (336 - 369)				
		SEWER	1/1/2017	1467JB	365
04TH ST	CLARA ST intersection				
		MUNI	1/4/2010	Central Subway	1062
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	CLARA ST to HARRISON ST \ I-80 W ON RAMP (368 - 427)				
		MUNI	1/4/2010	Central Subway	1062
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	HARRISON ST \ I-80 W ON RAMP intersection				
		MUNI	1/4/2010	Central Subway	1609
		DPT	6/1/2011	Reopening Closed Crosswalks	580
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	HARRISON ST \ I-80 W ON RAMP to PERRY ST (416 - 441)				
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	PERRY ST intersection				
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	PERRY ST to STILLMAN ST (432 - 462)				
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	STILLMAN ST intersection				
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	STILLMAN ST to BRYANT ST \ I-80 E OFF RAMP (463 - 499)				
		MUNI	1/4/2010	Central Subway	1609
		SEWER	7/22/2011	1424J-3	964
		SEWER	1/1/2017	1467JB	365
04TH ST	BRYANT ST \ I-80 E OFF RAMP intersection				
		MUNI	1/4/2010	Central Subway	2127
		SEWER	7/22/2011	1424J-3	964
		SEWER	10/15/2012	1424J-7	492
		SEWER	1/1/2017	1467JB	365
04TH ST	BRYANT ST \ I-80 E OFF RAMP to WELSH ST (500 - 541)				
		MUNI	1/4/2010	Central Subway	2157
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	7/22/2011	1424J-3	964
		SEWER	10/15/2012	1424J-7	492
		SEWER	1/1/2017	1467JB	365
04TH ST	WELSH ST intersection				
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	WELSH ST to FREELON ST (530 - 568)				
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	FREELON ST intersection				
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	FREELON ST to BRANNAN ST (569 - 599)				
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	BRANNAN ST intersection				
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
		SEWER	1/1/2017	1467JB	365
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)				
		SFPARK	2/4/2011	SFpark sensors	696
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365

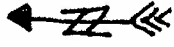
STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
04TH ST	BLUXOME ST intersection	SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK	2/4/2011	SFpark sensors	696
		TJPA	1/1/2012	DTX	45
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	TOWNSEND ST intersection	SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	TOWNSEND ST to KING ST (700 - 799)	DPT	8/1/2011	SFgo Parking Guidance and Pavement Renovation	366
		SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	KING ST intersection	SEWER	10/15/2012	1424J-7	492
		MUNI	4/1/2013	Central Subway	913
		SEWER	1/1/2017	1467JB	365
04TH ST	KING ST to BERRY ST (800 - 899)	SEWER	1/1/2017	1467JB	365
04TH ST	BERRY ST intersection	RAMPS	1/3/2011	1794J MOD FY10-11 Curb Ramps	270
05TH AVE	END to LAKE ST (1 - 99)	SEWER	7/1/2017	N/A	20
05TH AVE	LAKE ST intersection	DPT	7/1/2013	Traffic Calming - Circles	364
		DPT	6/1/2011	Continental Crosswalks	1175
05TH AVE	CALIFORNIA ST intersection	DPT	6/1/2011	Continental Crosswalks	1175
		PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
05TH AVE	CALIFORNIA ST to CORNWALL ST (190 - 199)	NEWSRACK	6/1/2011	Clement St CGS	122
		PAVING	7/1/2024	Clement St Pavement Renovation	150
05TH AVE	GEARY BLVD intersection	NEWSRACK	10/1/2011	Geary Bl A CGS	366
		PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
05TH AVE	BALBOA ST to CABRILLO ST (600 - 699)	SEWER	7/1/2014	N/A	20
		SEWER	12/1/2014	N/A	20
		SEWER	7/1/2016	N/A	20
05TH AVE	CABRILLO ST to FULTON ST (700 - 799)	DPT	6/1/2011	Continental Crosswalks	1175
		PAVING	7/1/2012	Pavement Renovation- Fulton St	150
		DPT	1/1/2015	TEP Implementation	364
05TH AVE	HUGO ST to IRVING ST (1245 - 1299)	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
		PAVING	7/1/2014	Pavement Renovation- Irving St	150
05TH AVE	IRVING ST intersection	PAVING	7/1/2014	Pavement Renovation- Irving St	150
05TH AVE	JUDAH ST \ PARNASSUS AVE intersection	PAVING	11/1/2011	1747J	145
05TH AVE	JUDAH ST \ PARNASSUS AVE to KIRKHAM ST (1400 - 1499)	PAVING	7/1/2012	BSSR	120
05TH AVE	KIRKHAM ST to END (1500 - 1599)	SEWER	7/1/2015	N/A	20
05TH ST	CYRIL MAGNIN ST \ MARKET ST intersection	PAVING	1/1/2015	1603J	151
05TH ST	CYRIL MAGNIN ST \ MARKET ST to STEVENSON ST (1 - 32)	DPT	7/1/2011	MTA BIKE PLAN	365
05TH ST	STEVENSON ST to MINT PLZ (23 - 66)	DPT	7/1/2011	MTA BIKE PLAN	365
05TH ST	MINT PLZ to JESSIE ST (45 - 82)	DPT	7/1/2011	MTA BIKE PLAN	365

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
BERRY ST	04TH ST to 05TH ST (200 - 299)				
BERRY ST	05TH ST intersection	SFPARK	2/4/2011	SFpark sensors	696
BERRY ST	05TH ST to 06TH ST (300 - 399)	SEWER	1/1/2017	1467JB	365
BERRY ST	06TH ST intersection	SFPARK	2/4/2011	SFpark sensors	696
BERRY ST	06TH ST to END (400 - 478)	SEWER	7/1/2012	N/A	20
BERTHA LN	HUDSON AVE intersection	SFPARK	2/4/2011	SFpark sensors	696
BERTITA ST	SENECA AVE intersection	PAVING	7/1/2014	Pavement Renovation- Hudson Ave	150
BERWICK PL	HERON ST to HARRISON ST (40 - 99)	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
BESSIE ST	FOLSOM ST \ PRECITA AVE intersection	PAVING	7/1/2012	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
BEULAH ST	SHRADER ST to STANYAN ST (100 - 199)	PAVING	7/1/2012	Folsom St Pavement Renovation Phase 3	147
BEULAH ST	STANYAN ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
BEVERLY ST	19TH AVE \ RANDOLPH ST \ SARGENT ST intersection	DPT PAVING	6/1/2011 11/1/2011	Continental Crosswalks 1762J	1175 150
BEVERLY ST	19TH AVE \ RANDOLPH ST \ SARGENT ST to SHIELDS ST (1 - 99)	DPT PGE	6/1/2011 1/1/2014	Traffic Calming - Channelization +Randolph 1	366 211
BEVERLY ST	SHIELDS ST intersection	PAVING	8/1/2011	1894J - Slurry Sealing	59
BEVERLY ST	SHIELDS ST to GARFIELD ST (100 - 199)	PAVING	8/1/2011	1894J - Slurry Sealing	59
BEVERLY ST	GARFIELD ST intersection	PAVING	8/1/2011	1894J - Slurry Sealing	59
BEVERLY ST	GARFIELD ST to HOLLOWAY AVE (200 - 299)	PAVING	8/1/2011	1894J - Slurry Sealing	59
BIRCH ST	OCTAVIA ST intersection	PAVING	8/1/2011	1894J - Slurry Sealing	59
BIRCH ST	OCTAVIA ST to LAGUNA ST (500 - 599)	PAVING	12/13/2010	1444J	291
BIRCH ST	LAGUNA ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
BLACKSTONE CT	FRANKLIN ST intersection	SFWD	7/1/2011	WD-2439	331
BLAKE ST	ANZA ST intersection	DPT PAVING	12/1/2011 7/1/2013	SFGO Franklin Fiber Pavement Renovation- Franklin St	396 150
BLANCHE ST	23RD ST intersection	PAVING	9/1/2011	1787J	89
BLANCHE ST	ELIZABETH ST intersection	SFWD	10/1/2012	WD-2613	239
BLANKEN AVE	TUNNEL AVE to WHEELER AVE (100 - 199)	PAVING	8/1/2011	1779J - Slurry Sealing	59
BLANKEN AVE	WHEELER AVE to PENINSULA AVE (200 - 299)	PAVING	7/1/2014	BSSR	120
BLANKEN AVE	PENINSULA AVE to TOCOLOMA AVE (300 - 399)	PAVING	7/1/2014	BSSR	120
BLANKEN AVE	TOCOLOMA AVE to NUEVA AVE (400 - 499)	PAVING	7/1/2014	BSSR	120
BLUXOME ST	04TH ST intersection	PAVING	7/1/2014	BSSR	120
BLUXOME ST	04TH ST to 05TH ST (1 - 99)	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	492 913 365
BLUXOME ST	05TH ST to 06TH ST (100 - 199)	PAVING	7/1/2012	Various Locations Slurry Sealing Contract 1A - Slurry Sealing	515
BOARDMAN PL	BRANNAN ST intersection	PAVING	7/1/2012	Various Locations Slurry Sealing Contract 1A - Slurry Sealing	515
BOARDMAN PL	BRANNAN ST intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515

4TH ST. & BLUXOME - AERIAL VIEW



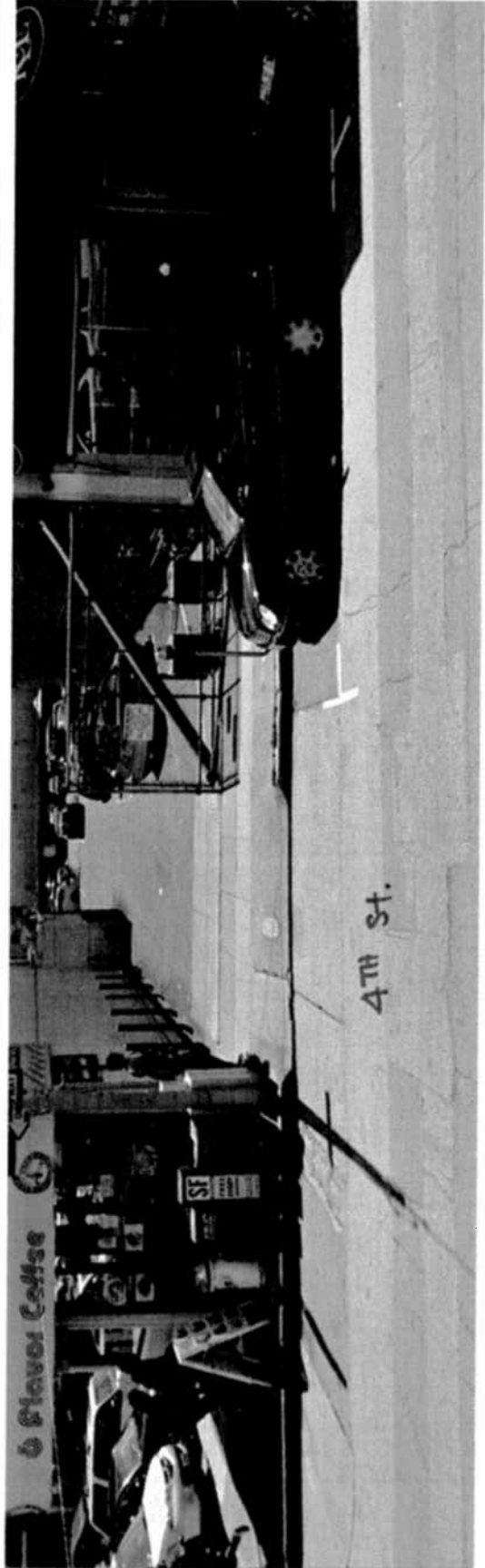
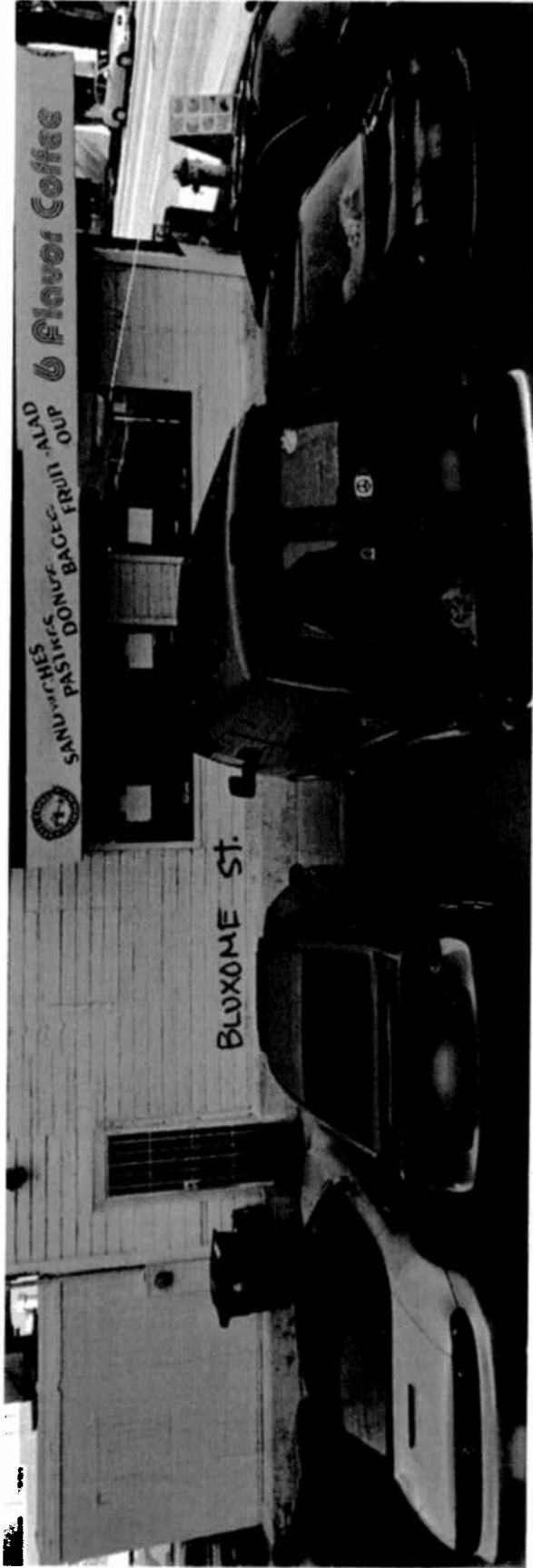
PROPOSED LOCATION



4TH St. & BLUXOME - NE Corner



4TH St. & BLUXOME - NW Corner



4th St. & Bluxome - SW Corner



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

June 5, 2012

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a Train Control cabinet at the south side of Fourth Street and Bluxome Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

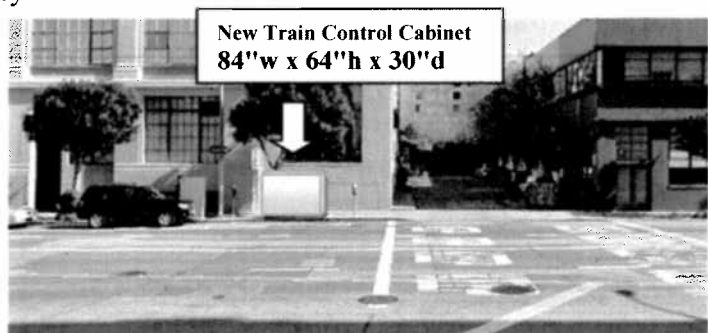
For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the Train Control cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible, the Train Control cabinets are also limited to the spaces. Traffic Signal Controller cabinets already exist on Fourth Street at Bluxome Street. It would be optimal to locate new Train Control cabinets as close to these cabinets to avoid relocating the existing cabinets.

If you object to the installation of the SMF, you must notify the Department of Public Works of your objections either by phone at (415) 554-5810 or by mail at the Bureau of Street-Use and Mapping, 875 Stevenson Street, Room 460, San Francisco, CA 94103-0942. You have 20 days from the date of this notice to either telephone or send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

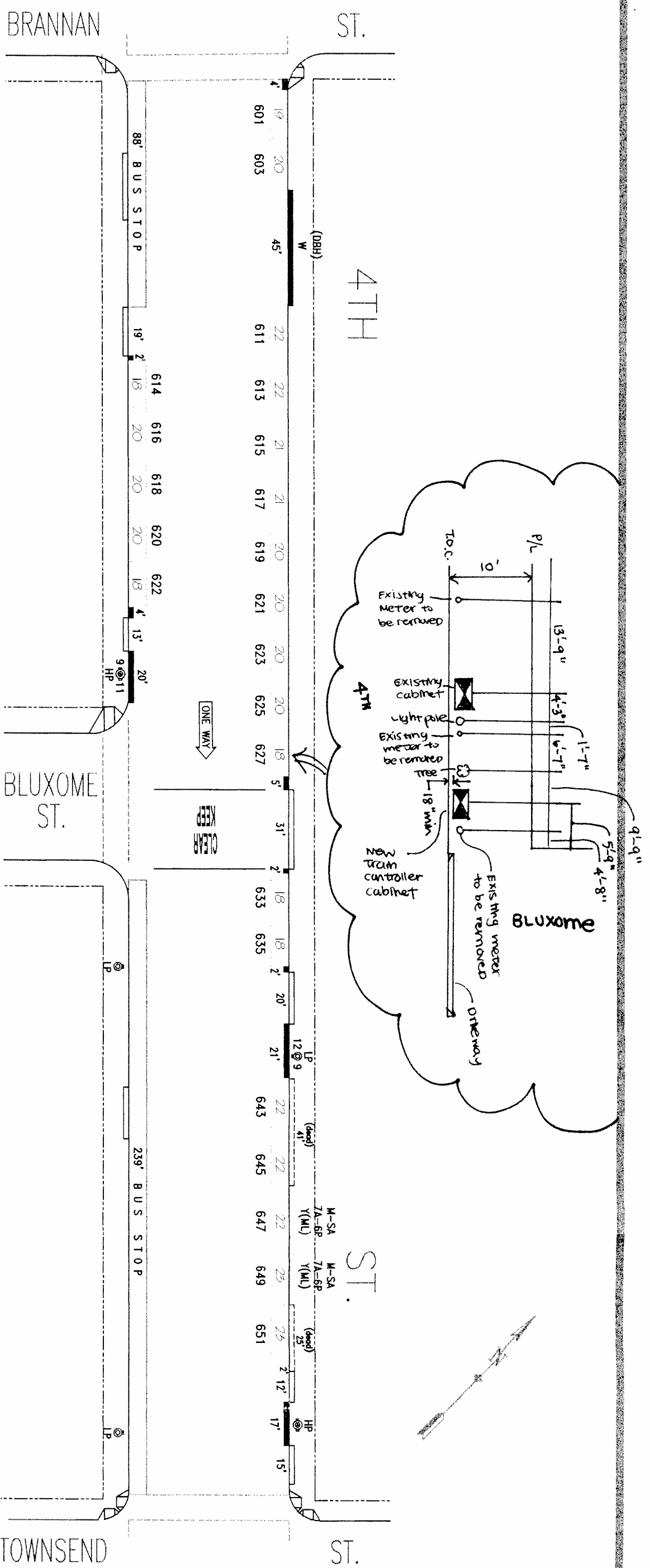
If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Chuck Morganson
San Francisco Municipal Transportation Agency
Central Subway Project
651 Brannan Street
San Francisco, CA 94107
(415) 581-5161



Train cabinet is 84" W x 64" H x 30" D;
Concrete foundation is 88" W x 3" H x 34" D
Total Height (cabinet, foundation, and posts): 67"



NO.	REVISION DESCRIPTION	BY	DATE	DIR/RES	3	Install #643, 645, 651 on dead dwy.	JB	6/24/11
1	Convert from Area 3 to Area 1	BW	2/1/06	270-05				
2	611,613,647,649 - 1 Hr Limit	BW	1/2/07					

TOW-AWAY		METER CT.		GENERAL		LOADING		METERED SPACES										
SIDE	AM	PM	SS	MS	GMP	MC	TIMES	DAYS	ML	MTL	6-W	15 MIN	30 MIN	1 HR	2 HR	10 HR	NO LIMIT	TOTAL
ODD			18		14		9A-6P	M-SA	4					4	14			18
EVEN			5		5		9A-6P	M-SA						5				5

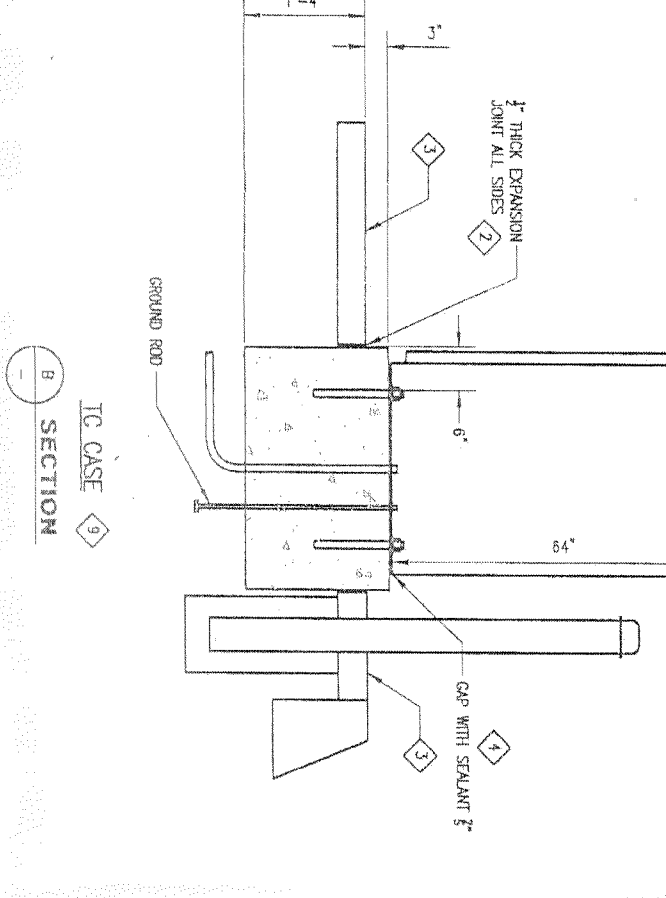
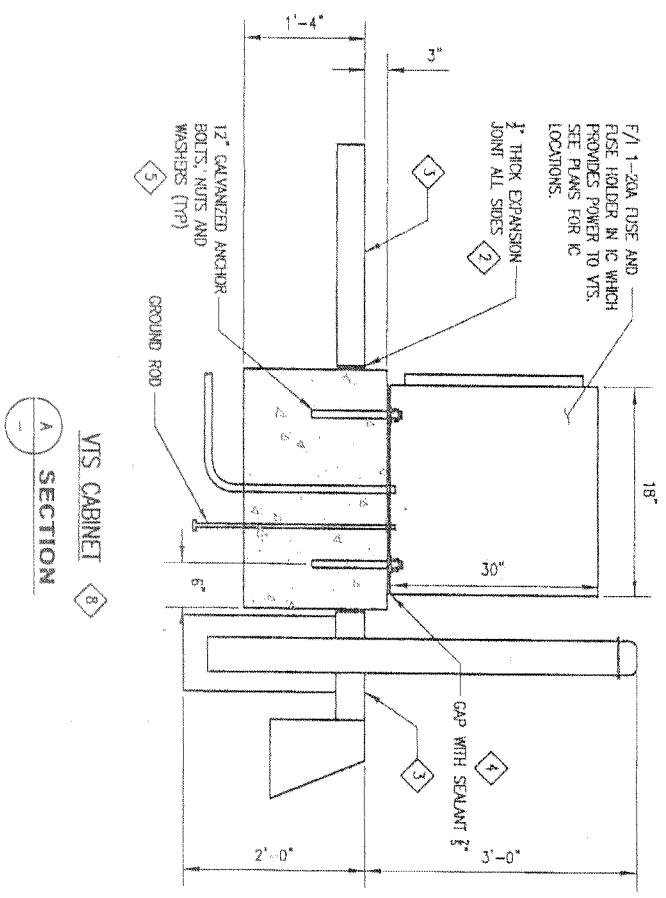
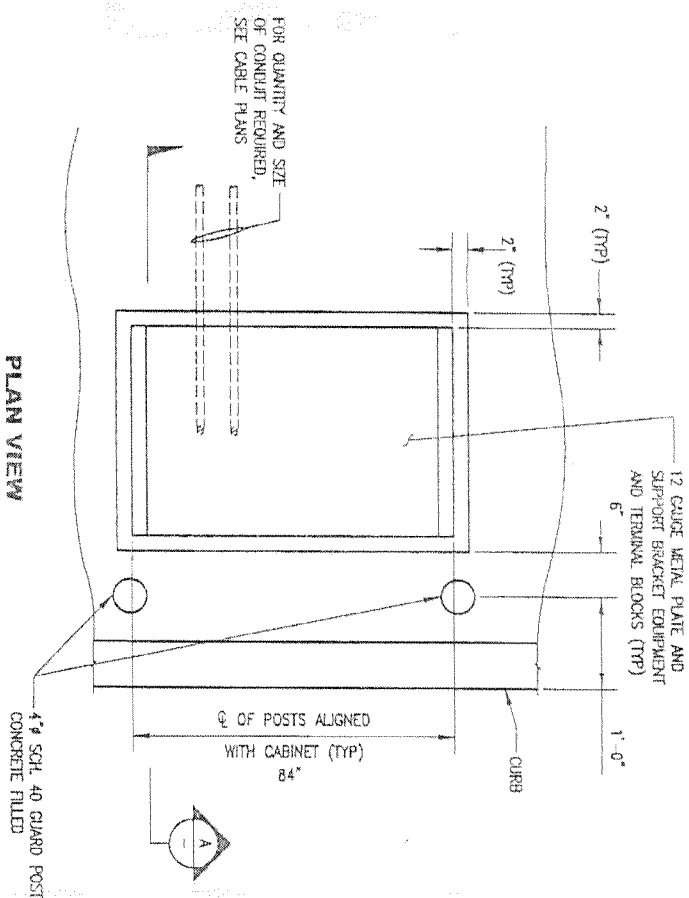
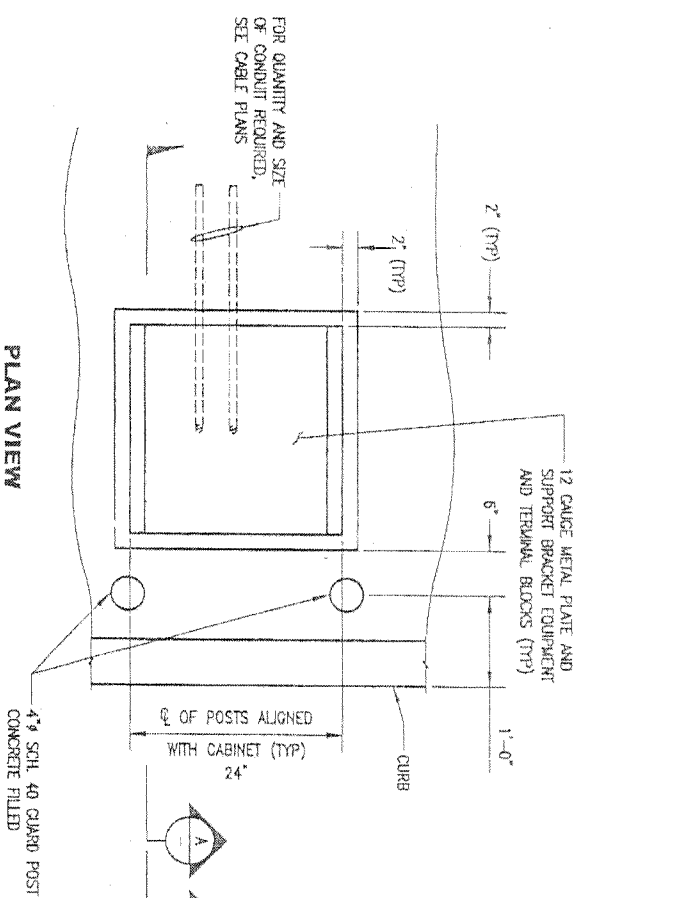


SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY
CITY AND COUNTY OF SAN FRANCISCO
PARKING METER SPACES

4TH ST. (04S, 204)
(600) BLOCK
Meters #204-06XXV
BRANNAN ST. TO TOWNSEND ST.

SCALE: 1" = 50'
DATE: 6/23/11
BY: JB

AREA
1



NOTES:

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II COBERT UON. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - a) CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
 - i) PROPORTION OF COMPONENTS IN THE MIX.
 - ii) BRAND OF CEMENT.
 - iii) SOURCE OF AND GRADATION OF AGGREGATES.
 - iv) WATER-CEMENT RATIO BY WEIGHT.
 - v) COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
 - b) MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADMIXTURES, JOINT MATERIALS AND SYSTEMS, EMBEDDED ITEMS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" FIBER EXPANSION JOINT SHALL BE BITUMINOUS MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION SEALTIGHT FIBER EXPANSION JOINT.
3. RECONSTRUCT SIDEWALK TO NEAREST JOINT, COMPACT SURFWARE TO MINIMUM OF 95% RELATIVE COMPACTION.
4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH 20# CORING 791 SILICONE PRIMER SEALANT.
5. ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
7. CURING COMPOUND SHALL BE SEALTIGHT WHITE-PRIMERED THAT MEETS ASTM C 509, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.
8. VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
9. TL CASE SHALL BE INSTALLED AT 4TH & BLDORNE AND 4TH & KING.

DRAWING IN PROGRESS / SUBJECT TO CHANGE / 11"X17" = HALF SIZE

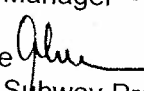
REVISIONS DATE DESCRIPTION BY CHECKED APPROVED	HNTB-B&C JOINT VENTURE B&C TRANSIT INC.	R. ALDEIA L. SCHWYB S. L. BERRY	CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED DIRECTOR OF TRANSPORTATION	THIRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY SURFACE TRACK AND SYSTEMS CABINET INSTALLATION DETAILS	CONTRACT NO. 1256 SHEET NO. SG-156 OF 08
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CABINET INSTALLATION DETAILS

MEMORANDUM

TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

FROM: Chuck Morganson
Central Subway Project
Project Manager – Contract CS-155-3

Al Herce 
Central Subway Project
Traffic Engineer – Contract 1253

RECEIVED
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS



DATE: May 2, 2013

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Vehicle Tagging
System and Traffic Signal Cabinet and Foundation Installation on 4th
Street and Townsend Street

Edwin M. Lee
Mayor

Tom Nolan
Chairman

Cheryl Brinkman
Vice-Chairman

Leona Bridges
Director

Malcolm Heinicke
Director

Jerry Lee
Director

Joél Ramos
Director

Cristina Rubke
Director

Edward D. Reiskin
Director of
Transportation

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (Vehicle Tagging System Cabinet and Traffic Signal Controller Cabinet and Foundation) on 4th Street and Townsend Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, we can be reached at 415-581-5161 (Chuck Morganson) and 415-701-4552 (Al Herce).

Attachments:

1. Pre-Site Visit Checklist
2. SFMTA Five Year Plan
3. Cabinet and Foundation Specifications
4. Detailed Drawing of Proposed SMF Location
5. Photographs of Proposed SMF Location
6. Proposed Public Notice

AH: dc

One South Van Ness Ave.
Seventh Floor
San Francisco, CA 94103

Tele: 415.701.4500

www.sfmta.com



**EXHIBIT A
PRE-SITE VISIT CHECKLIST**
City and County of San Francisco



Department of Public Works

Bureau of Street-use and Mapping

**Surface-Mounted Facility
Pre-Site visit Checklist**

Applicant Name: Municipal Transportation Agency

ADDRESS: 651 Brannan Street, S.F., CA 94107

Contact Name: Chuck Morganson

TEL. NO.: (415) 581-5161

FAX: (415) 701 - 4737

Date: May 2, 2013 Proposed Location: 4th Street and Townsend Street

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2013 with: Chuck Morganson / Al Herce Tel. No.: 415-581-5161 or
 415-701-4552

Request for site visit is denied
 Site visit not required because:

Proposed location for the new VTS and traffic signal controller cabinets is o.k.
 Reviewed By Rene Lopez MM 7/10/13 Tel. No.: (415) 554-6201

NOTE : PLEASE START THE 20-DAY NOTIFICATION.

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN
See attached copy of SFMTA's Five Year Plan.
2. STATEMENT REGARDING CABINET SIZE
Attached are the specifications for the vehicle tagging system cabinet and traffic signal controller cabinet and foundation.
3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY
Because of the purpose, function and special requirements of the vehicle tagging system cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets and traffic signal controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.
4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND
Because of the purpose, function and special requirements of the vehicle tagging system cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets and traffic signal controller cabinets cannot be placed underground where a direct line of sight is not available.
5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY
There are no other surface-mounted facilities at this intersection that the controller can be collocated with.
6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY
Because of the purpose, function and special requirements of the vehicle tagging system cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets and traffic signal controller cabinets cannot be placed underground or on private property away from the roadway.
7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES
The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

SMF Submittal Package
For Fourth Street and Townsend Street
May 2, 2013

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

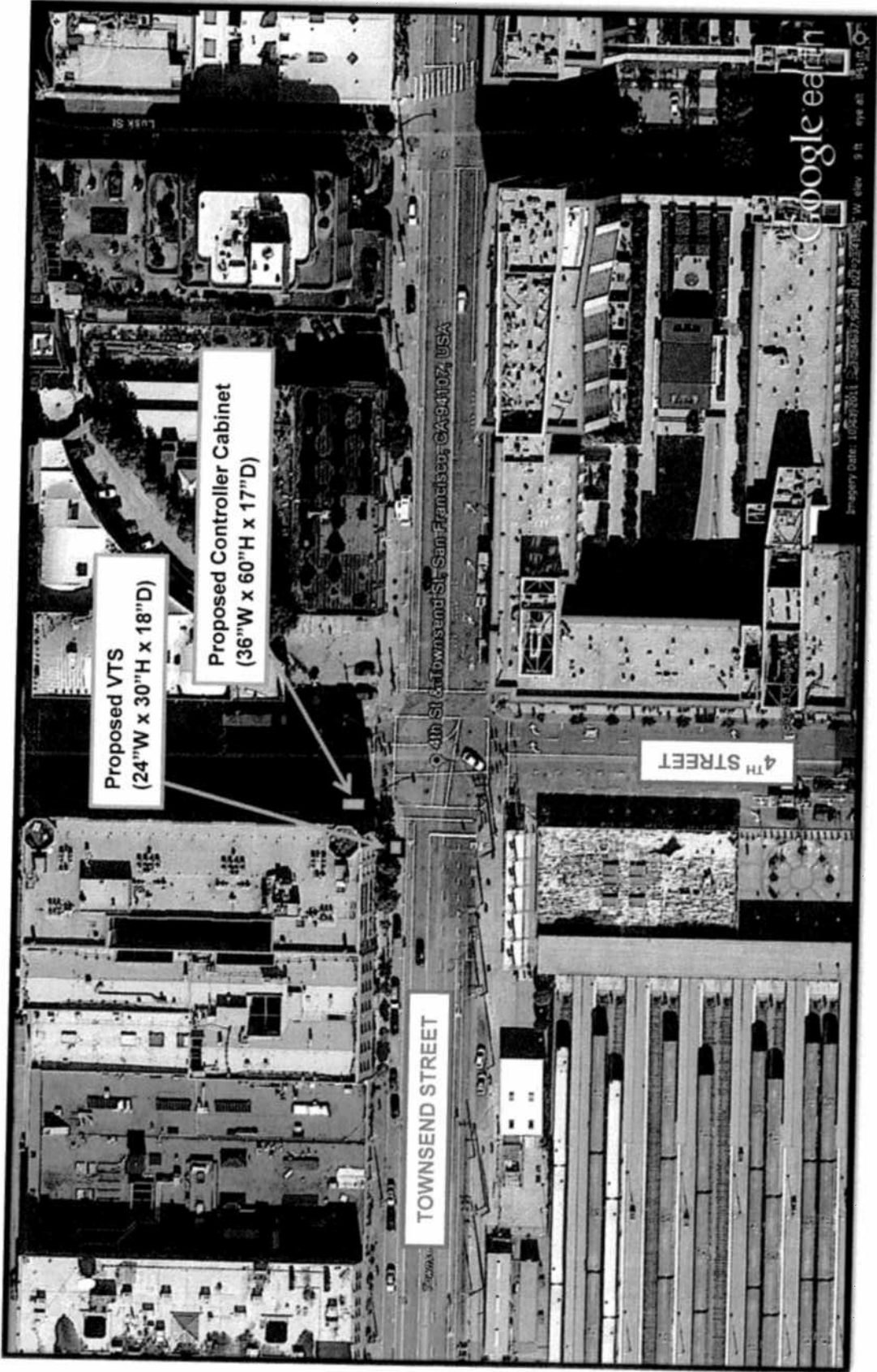
There is an existing traffic signal controller cabinet facing west on the northwest corner of 4th Street and Townsend Street. The existing controller cabinet will be removed and the new traffic signal cabinet will be installed on the same footprint. There is no existing vehicle tagging system. The new vehicle tagging system will be installed facing north on the northeast corner.

04TH ST	BLUXOME ST intersection	SFWD	14-022	11/1/2014	9/1/2015	304	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	TJPA	DTX	1/3/2014	2/15/2016	773	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK	SFpark sensors	2/4/2011	12/31/2015	1791	Under Construction	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	KING ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	KING ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013

DIMENSIONS FOR M-SF CONTROLLER CABINET



Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



4th STREET AND TOWNSEND STREET – AERIAL VIEW



4th STREET AND TOWNSEND STREET – NW CORNER (PROPOSED LOCATION)



LEFT SIDE



RIGHT SIDE



BACK SIDE

**4th STREET AND TOWNSEND STREET – NW CORNER
(Existing Traffic Signal Controller Cabinet)**



FACING EAST



FACING WEST



FACING NORTH

**4th STREET AND TOWNSEND STREET – NE CORNER
(Proposed Vehicle Tagging System Cabinet Location)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new vehicle tagging system (VTS) cabinet and traffic signal controller cabinet at the northwest corner of 4th Street and Townsend Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the VTS cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible, the VTS cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at Townsend Street. The existing traffic signal controller cabinet will be removed and the new traffic controller cabinet will be installed on the same footprint. It would be optimal to locate new VTS cabinets as close to these cabinets to avoid relocating the existing Traffic Signal Controller Cabinets.

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

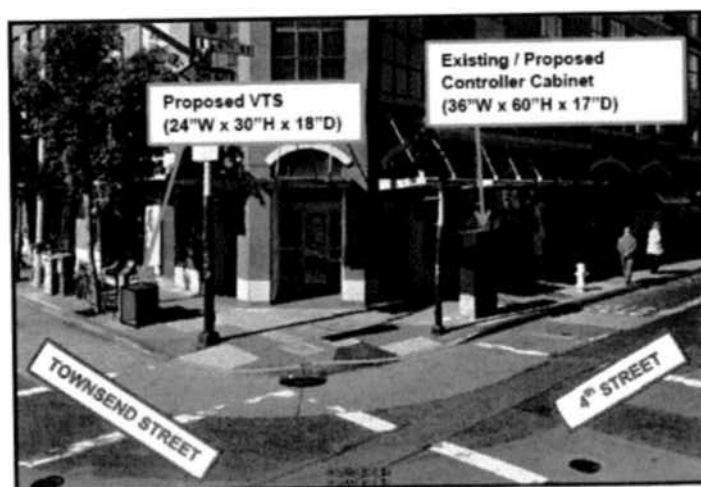
If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

VTS Cabinet is 24"W x 30"H x 18"D;
Concrete Foundation is 28"W x 3"H x 22"D
Total Height (Cabinet, Foundation, and Posts): 36"

Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

May 8, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new vehicle tagging system (VTS) cabinet and traffic signal controller cabinet at the northwest corner of 4th Street and Townsend Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

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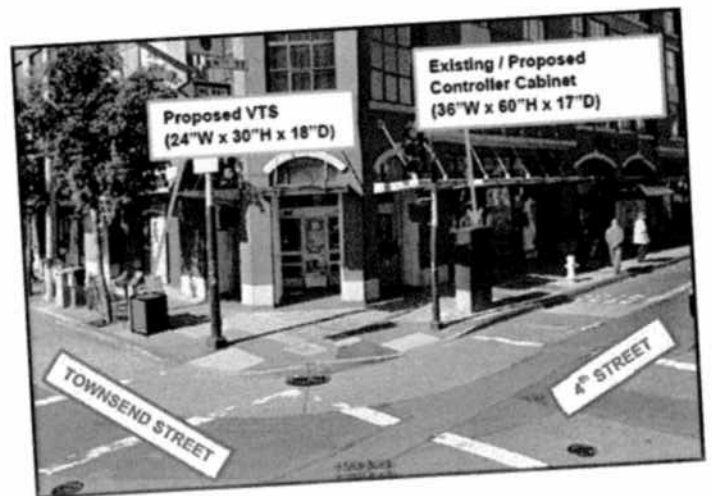
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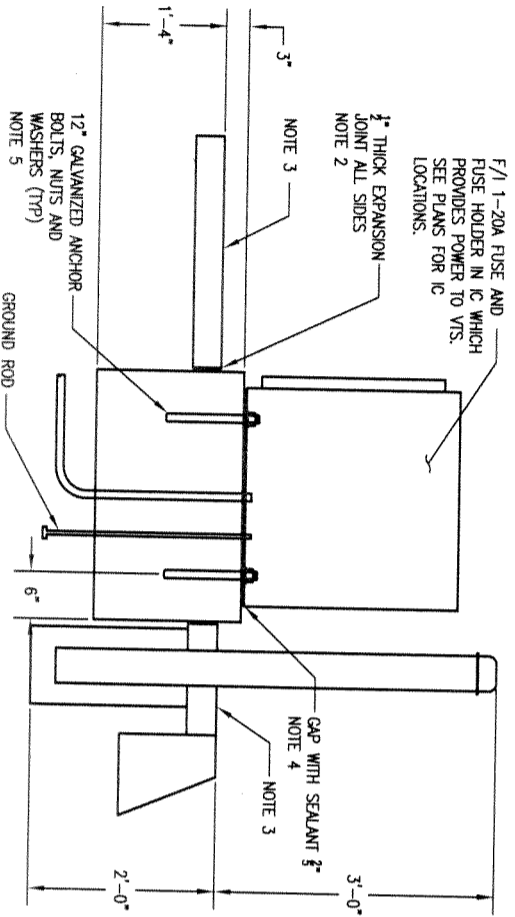
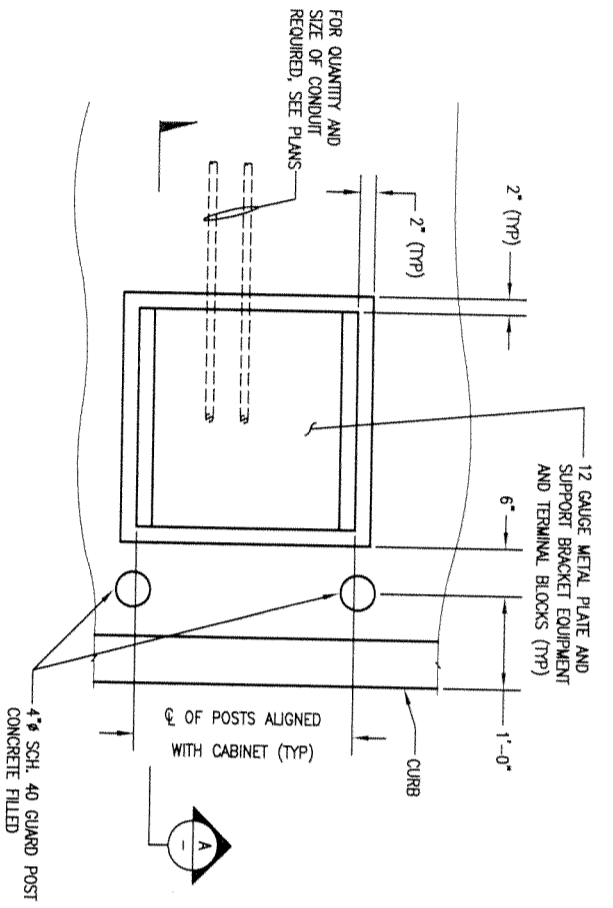
Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

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Concrete Foundation is 28"W x 3"H x 22"D
Total Height (Cabinet, Foundation, and Posts): 36"

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Total Height (Cabinet and Foundation): 62"





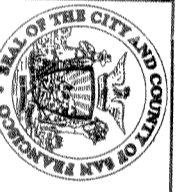
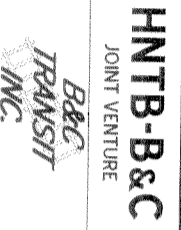
VTS CABINET INSTALLATION DETAILS

NTS

NOTES:

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, UOM, AS SPECIFIED IN STANDARD SPECIFICATIONS SECTION 800.11. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - a) CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
 - i) PROPORTION OF COMPONENTS IN THE MIX.
 - ii) BRAND OF CEMENT.
 - iii) SOURCE OF AND GRADATION OF AGGREGATES.
 - iv) WATER-CEMENT RATIO BY WEIGHT.
 - v) COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
 - b) MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADMIXTURES, JOINT MATERIALS AND SYSTEMS, EMBEDDED ITEMS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" FIBER EXPANSION JOINT SHALL BE BRITANNIUS MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION. SEALTIGHT FIBER EXPANSION JOINT AS MANUFACTURED BY W.R. MEADOWS, INC. OR EQUAL.
3. RECONSTRUCT SIDEWALK TO NEAREST JOINT PER STANDARD SPEC. SECTION 204, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORING 791 SILICONE PERIMETER SEALANT.
5. ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
7. CURING COMPOUND SHALL BE SEALTIGHT WHITE-PRIMGATED MANUFACTURED BY R.W. MEADOWS, INC. THAT MEETS ASTM C 309, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.

DATE	02/01/2011	ISSUED FOR 65% DESIGN SUBMITTAL	DESCRIPTION
DESIGNED BY	R. ALMEIDA	CHECKED BY	J. HANSEN
DRAWN BY	D. COURY	APPROVED BY	D. COURY
SCALE			

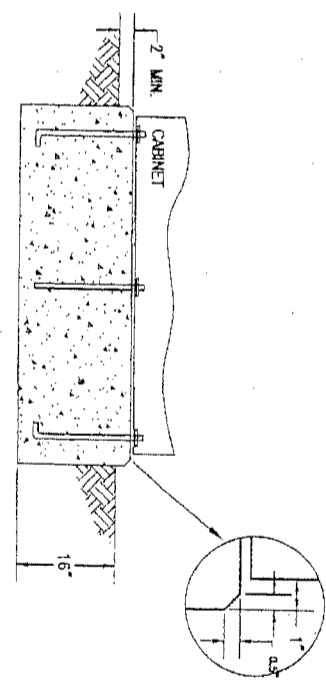
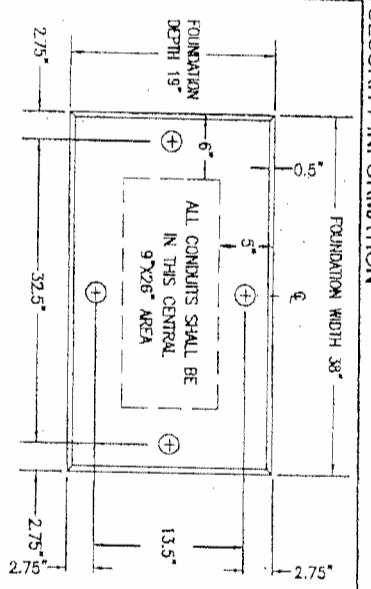


CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 SURFACE SIGNALING
 VTS CABINET INSTALLATION DETAILS

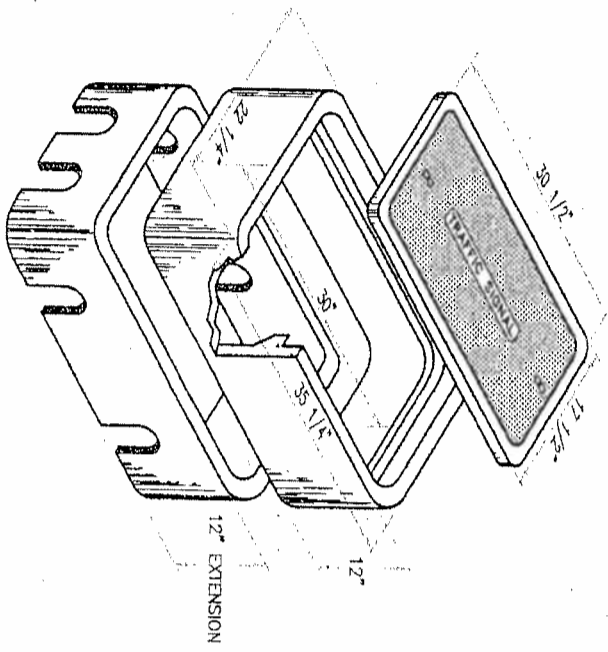
CONTRACT NO. 1256
 SHEET NO. SG-156
 REGION 0A

SENSITIVE SECURITY INFORMATION

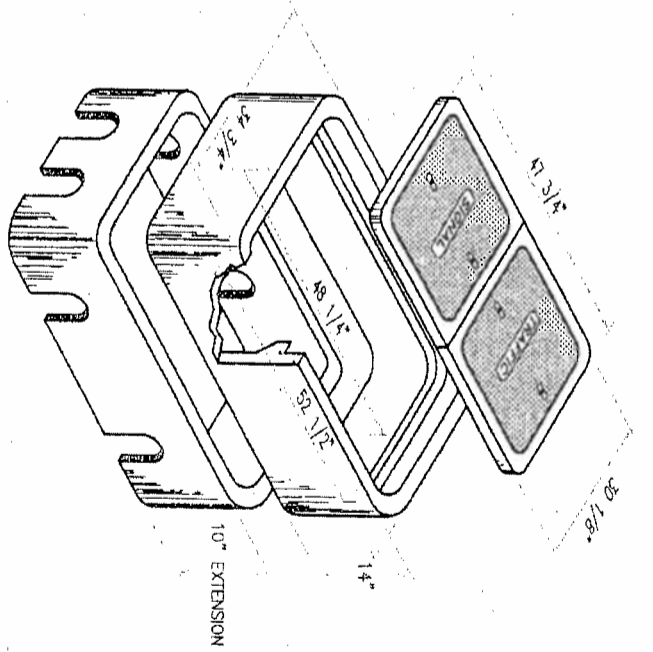


M-SF[®] CABINET FOUNDATION
 2 DETAIL
 ET-202 NIS

- NOTES:**
- SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER CALTRANS "M" FOUNDATION (SEE CTSF ES-48) WITH THE FOLLOWING EXCEPTIONS:
 - FOUNDATION HEIGHT OF 18" (SEE NOTE 2)
 - FOUNDATION WIDTH OF 38"
 - FOUNDATION DEPTH OF 19"
 - CHAMFER EDGE 1/2" X 1/2"
 - FOUR ANCHOR BOLTS AS SHOWN
 - ANCHOR BOLTS SHALL EXTEND 2" TO 2-1/4" ABOVE TOP OF FOUNDATION
 - TOP SHALL BE LEVEL WITH A SMOOTH FINISH
 - NO DRAIN PIPE IS REQUIRED.



TYPE 3X PULL BOX
 3 DETAIL
 ET-202 NIS

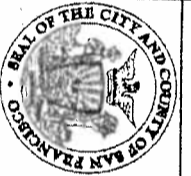


TYPE 4X PULL BOX
 1 DETAIL
 ET-202 NIS

DATE	ISSUED FOR NO.	DESCRIPTION	BY	CHECKED	REVISION
02/15/2012	ISSUED FOR NO.				

SFMTA

NOT VALID UNLESS SIGNED



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED: [Signature]
 A.D. DIRECTOR OF TRANSPORTATION

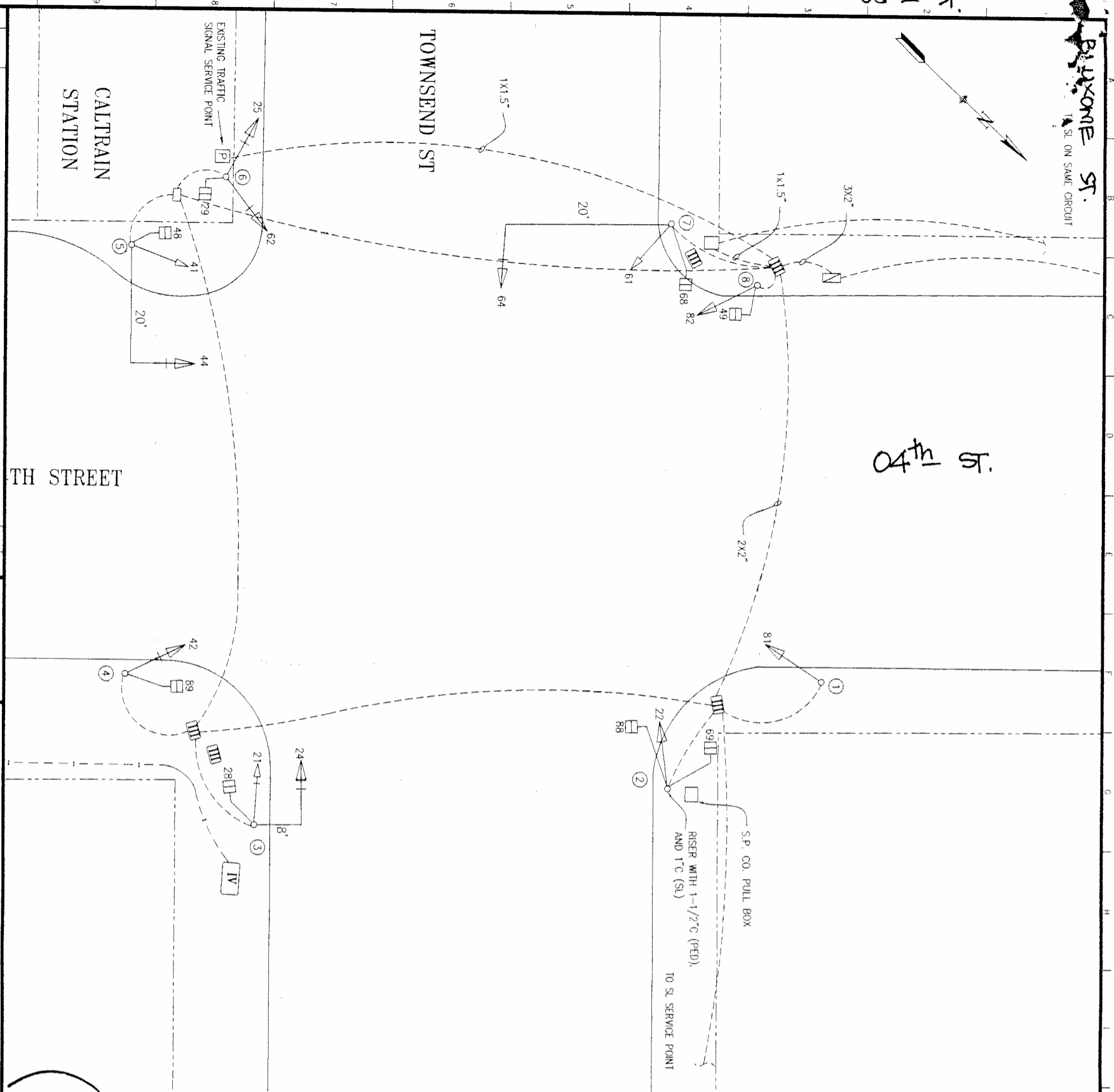
THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 UNION SQUARE/MARKET STREET STATION
TRAFFIC SIGNALS
 DETAILS
 SHEET 2 OF 2

CONTRACT NO. 1253
 SHEET NO. CL-19233
 ET-202
 485
 0

THIS DRAWING IS THE PROPERTY OF THE CITY AND COUNTY OF SAN FRANCISCO. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ASSAULTION OF THE MUNICIPAL TRANSPORTATION AGENCY. VIOLATION OF THIS NOTICE MAY RESULT IN CIVIL PENALTY OR OTHER ACTION.

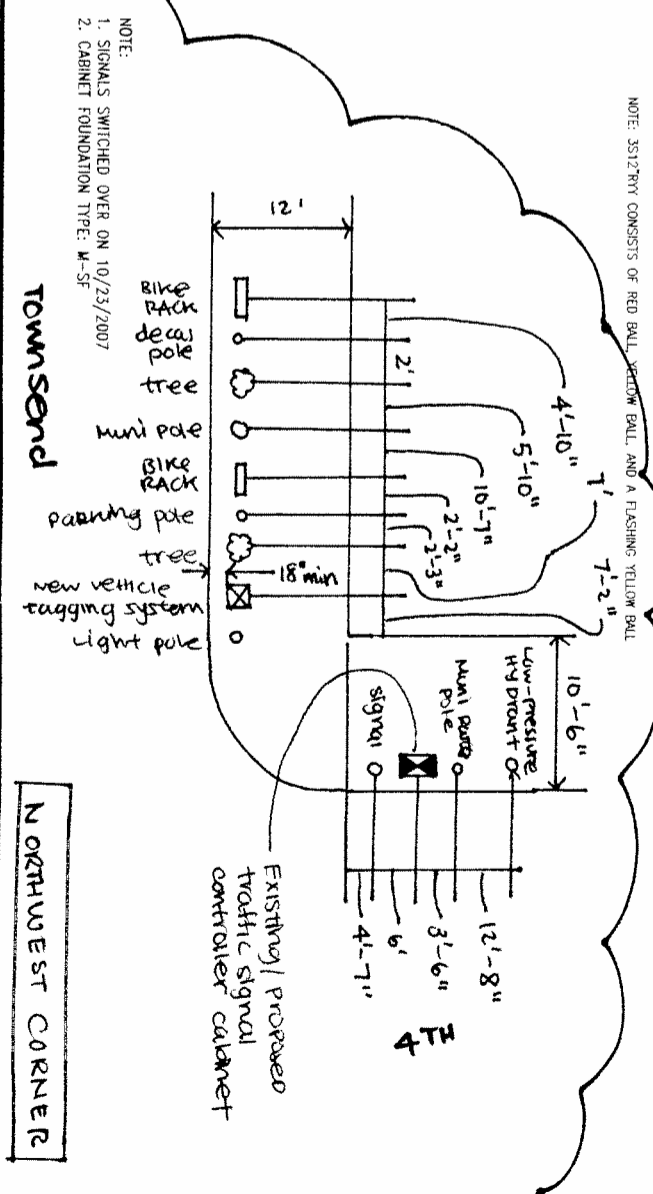
Blixome St.
1" SL. ON SAME CIRCUIT

05th St.



POLE AND EQUIPMENT SCHEDULE

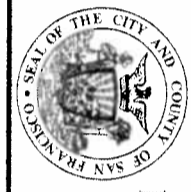
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			REMARKS	
			No.	TYPE	MOUNTING	VSORS	LOWERS	No.		TYPE
1	MINI COMBO POLE		81	3512TRV	SV-1-1					
2	MINI COMBO POLE		22	3512	SV-1-1					
3	MINI COMBO POLE MISSION BAY STYLE W/ 8 MA		24 21	3512 358"	MS SV-1-1					BOTH MOUNTINGS CONNECTED TOGETHER VIA EXTERNAL CONDUIT
4	MINI COMBO POLE MISSION BAY STYLE		42	3512	SV-1-1					
5	16-1-70 WITH 20" MA		44 41	3512 358"	MS SV-1-1					
6	1-A (10')		25 62	3512 4512OLA	TV-2-1					
7	17-1-70 W/ 20" MA		64 61	4512OLA 358"	MS SV-1-1					
8	1-A (10')		82	3512TRV	TV-1-1					



NO.	DATE	DESCRIPTION	BY	APP.
0	10/23/07	MISSION BAY PROJECT		

CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

COMPLETION DATE / ELECTRICAL INITIAL



DEPARTMENT OF PARKING AND TRAFFIC
DIVISION OF TRAFFIC ENGINEERING
CITY AND COUNTY OF SAN FRANCISCO

DRAWN:	DATE:	SCALE:
DY	7/12/07	1" = 10'
CHECKED:	DATE:	SHEET OF SHEETS
AH	7/12/07	1 OF 1

TRAFFIC SIGNAL INVENTORY DIAGRAM
4TH ST AND TOWNSEND STREET
CIVIL NO. 23821000
REV. NO. 0



(415) 554-5810
FAX (415) 554-6161
<http://www.sfdpw.org>

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0011

Surface Mounted Facility Permit

Address : 04TH ST: BLUXOME ST
to TOWNSEND ST (650 - 699)

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new traffic signal controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: 04th St. between Townsend St. to Bluxome St. (west side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/06/2014

Applicant/Permittee

Date

Printed : 6/16/2014 11:38:32 AM Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0011

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

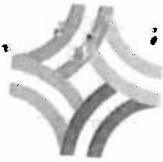
ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	04TH ST	BLUXOME ST	TOWNSEND ST	West	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		

Exceptions

14SMF-0011

Street Name	From St	To St	Message	Job	Contact	Dates
04TH ST						
	BLUXOME ST	TOWNSEND ST -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0431	(415) 819-8549 - (415) 819-8549	Jan 22 2014-Dec 31 2018
	BLUXOME ST	TOWNSEND ST -	DPT Blue Book Traffic Restriction. Time of day during which lanes must be kept clear: EAST 7AM - 9AM 3PM - 7PM MONDAY THROUGH FRIDAY // WEST 7AM - 9AM 3PM - 7PM MONDAY THROUGH FRIDAY	N/A		
	BLUXOME ST	TOWNSEND ST -	No construction allowed in streets on game days at PacBell Park 2 hours before and until 2 hours after events. Day event hours:10am-6pm. Night event hours: 4pm-Midnight. Call 415-972-2000ext0 for more information.	N/A		
	BLUXOME ST	TOWNSEND ST -	Please refer to Figure 12 of Section 9.4(A) of the DPW Order No. 171,442 for special conditions for excavation in the vicinity of AWSS.	N/A		
	BLUXOME ST	TOWNSEND ST -	Under G095 requirement, Contractor shall contact Muni Overhead Line Division of any work 10 feet in horizontal or vertical direction of overhead lines. Contact: Tim Lipps @ (415) 554-9227	N/A		
	BLUXOME ST	TOWNSEND ST -	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018
	BLUXOME ST	TOWNSEND ST -	Proposed Excavation.	Transbay	Cory Traylor -	Jan 3 2020-Feb 15 2022

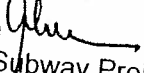
No Diagram submitted



MEMORANDUM

TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

FROM: Chuck Morganson
Central Subway Project
Project Manager – Contract CS-155-3

Al Herce 
Central Subway Project
Traffic Engineer – Contract 1253

DATE: May 2, 2013

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Vehicle Tagging
System and Traffic Signal Cabinet and Foundation Installation on 4th
Street and Townsend Street

RECEIVED
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS

OK
mm

Edwin M. Lee
Mayor

Tom Nolan
Chairman

Cheryl Brinkman
Vice-Chairman

Leona Bridges
Director

Malcolm Heinicke
Director

Jerry Lee
Director

Joél Ramos
Director

Cristina Rubke
Director

Edward D. Reiskin
Director of
Transportation

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (Vehicle Tagging System Cabinet and Traffic Signal Controller Cabinet and Foundation) on 4th Street and Townsend Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, we can be reached at 415-581-5161 (Chuck Morganson) and 415-701-4552 (Al Herce).

Attachments:

1. Pre-Site Visit Checklist
2. SFMTA Five Year Plan
3. Cabinet and Foundation Specifications
4. Detailed Drawing of Proposed SMF Location
5. Photographs of Proposed SMF Location
6. Proposed Public Notice

AH: dc





City and County of San Francisco

EXHIBIT A PRE-SITE VISIT CHECKLIST

Department of Public Works

Bureau of Street-use and Mapping

Surface-Mounted Facility Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency

ADDRESS: 651 Brannan Street, S.F., CA 94107

Contact Name: Chuck Morganson

TEL. NO.: (415) 581-5161

FAX: (415) 701 - 4737

Date: **May 2, 2013** Proposed Location: **4th Street and Townsend Street**

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2013 with: Chuck Morganson / Al Herce Tel. No.: 415-581-5161 or
 415-701-4552

Request for site visit is denied
 Site visit not required because:

Proposed location for the new VTS and traffic signal controller cabinets is o.k.
 Reviewed By Rene Lopez MM 7/10/13 Tel. No.: (415) 554-6201

NOTE : PLEASE START THE 20-DAY NOTIFICATION.

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

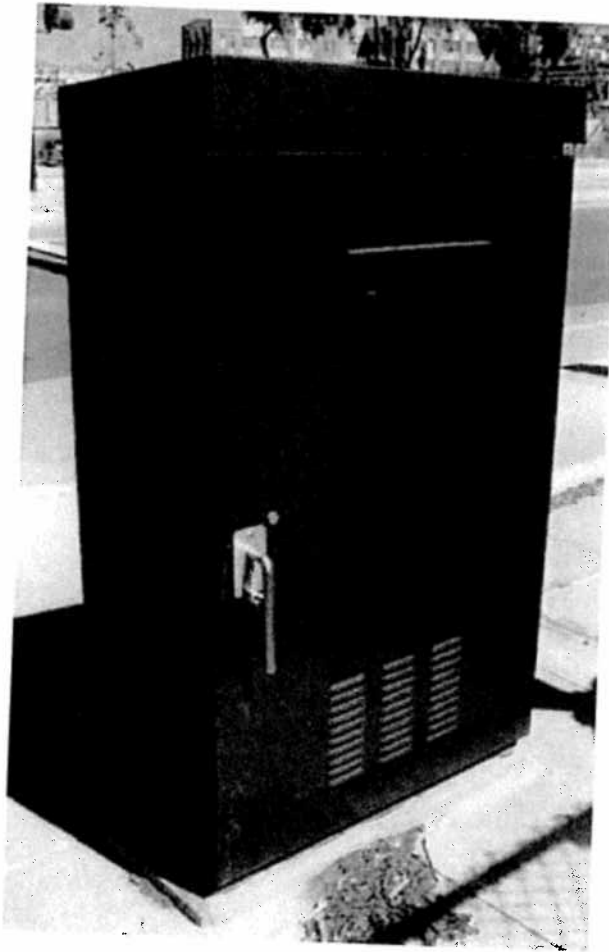
1. STATEMENT REGARDING 5-YEAR PLAN
See attached copy of SFMTA's Five Year Plan.
2. STATEMENT REGARDING CABINET SIZE
Attached are the specifications for the vehicle tagging system cabinet and traffic signal controller cabinet and foundation.
3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY
Because of the purpose, function and special requirements of the vehicle tagging system cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets and traffic signal controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.
4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND
Because of the purpose, function and special requirements of the vehicle tagging system cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets and traffic signal controller cabinets cannot be placed underground where a direct line of sight is not available.
5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY
There are no other surface-mounted facilities at this intersection that the controller can be collocated with.
6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY
Because of the purpose, function and special requirements of the vehicle tagging system cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets and traffic signal controller cabinets cannot be placed underground or on private property away from the roadway.
7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES
The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

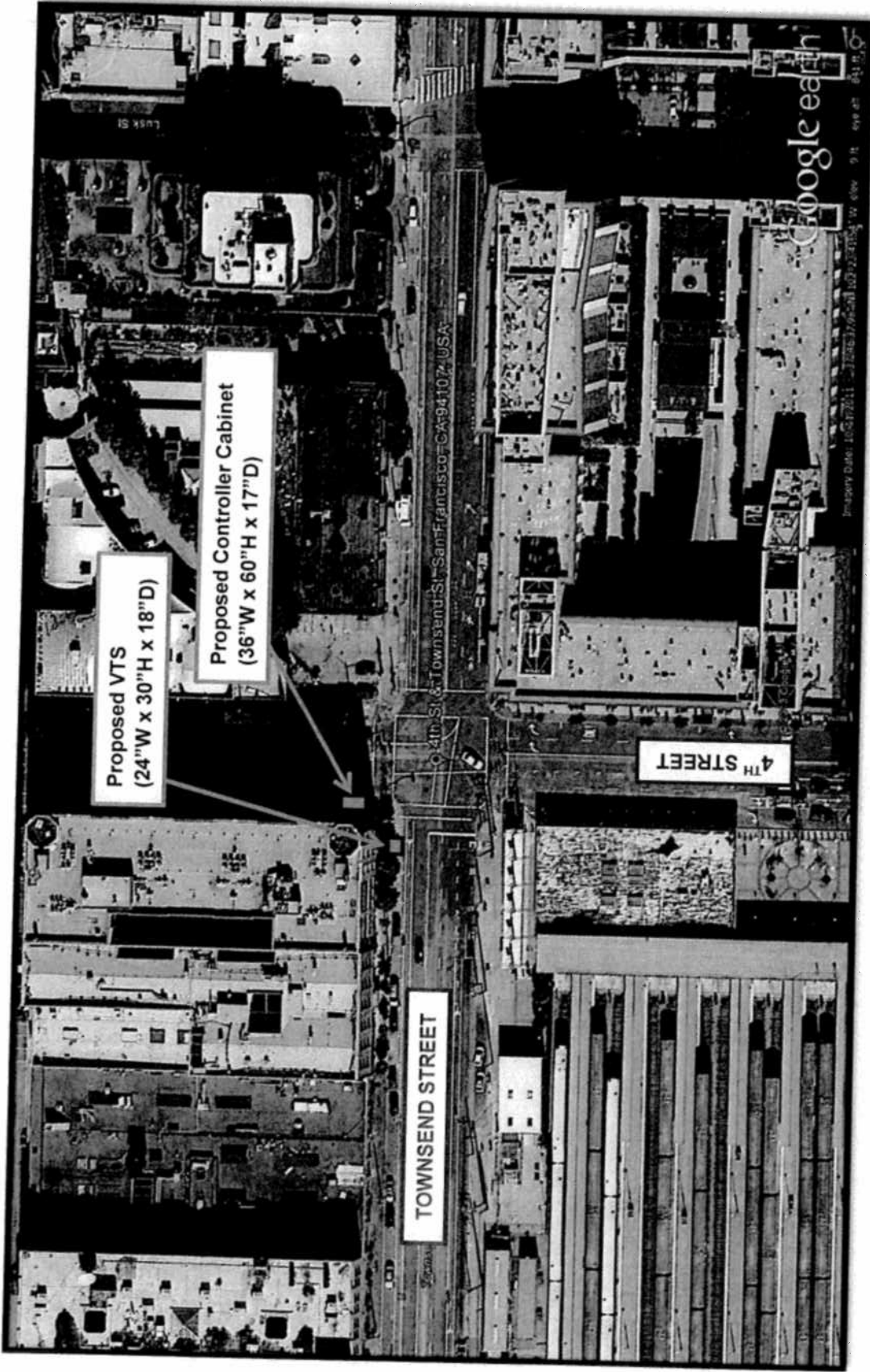
There is an existing traffic signal controller cabinet facing west on the northwest corner of 4th Street and Townsend Street. The existing controller cabinet will be removed and the new traffic signal cabinet will be installed on the same footprint. There is no existing vehicle tagging system. The new vehicle tagging system will be installed facing north on the northeast corner.

04TH ST	BLUXOME ST intersection	SFWD	14-022	11/1/2014	9/1/2015	304	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	TJPA	DIX	1/3/2014	2/15/2016	773	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK	SFPark sensors	2/4/2011	12/31/2015	1791	Under Construction	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	KING ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	KING ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013

DIMENSIONS FOR M-SF CONTROLLER CABINET



Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



4th STREET AND TOWNSEND STREET – AERIAL VIEW



4th STREET AND TOWNSEND STREET – NW CORNER (PROPOSED LOCATION)



LEFT SIDE



RIGHT SIDE



BACK SIDE

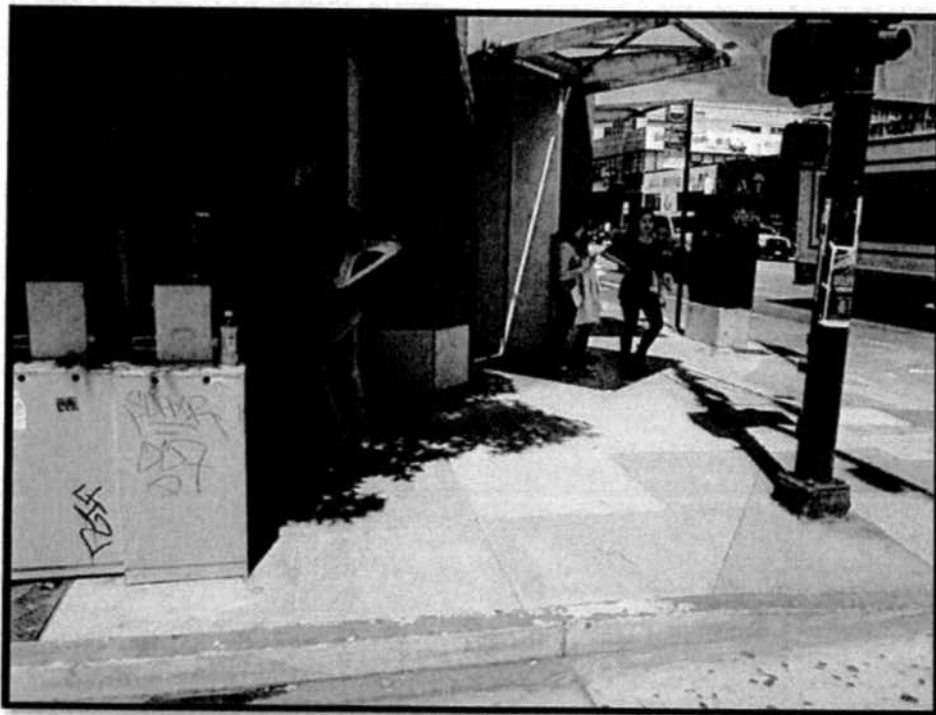
**4th STREET AND TOWNSEND STREET – NW CORNER
(Existing Traffic Signal Controller Cabinet)**



FACING EAST



FACING WEST



FACING NORTH

**4th STREET AND TOWNSEND STREET – NE CORNER
(Proposed Vehicle Tagging System Cabinet Location)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new vehicle tagging system (VTS) cabinet and traffic signal controller cabinet at the northwest corner of 4th Street and Townsend Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the VTS cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible, the VTS cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at Townsend Street. The existing traffic signal controller cabinet will be removed and the new traffic controller cabinet will be installed on the same footprint. It would be optimal to locate new VTS cabinets as close to these cabinets to avoid relocating the existing Traffic Signal Controller Cabinets.

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

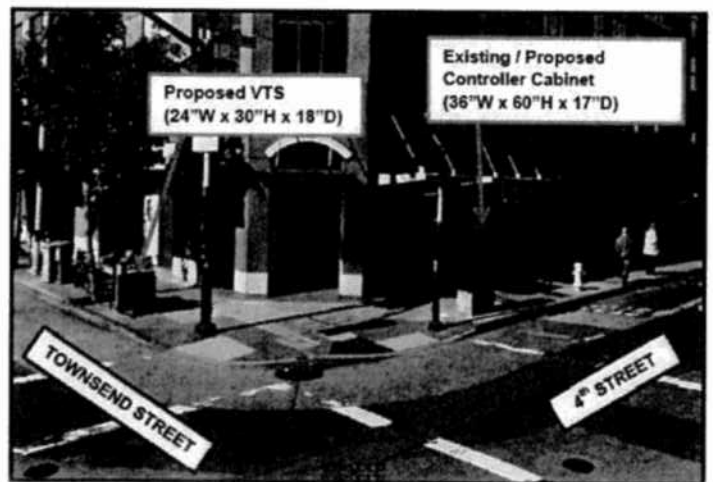
If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

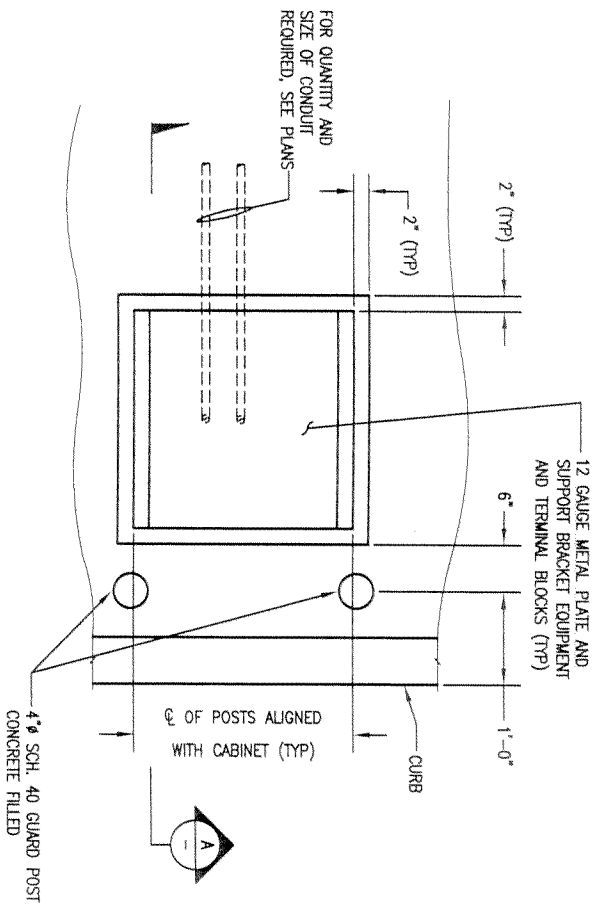
Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

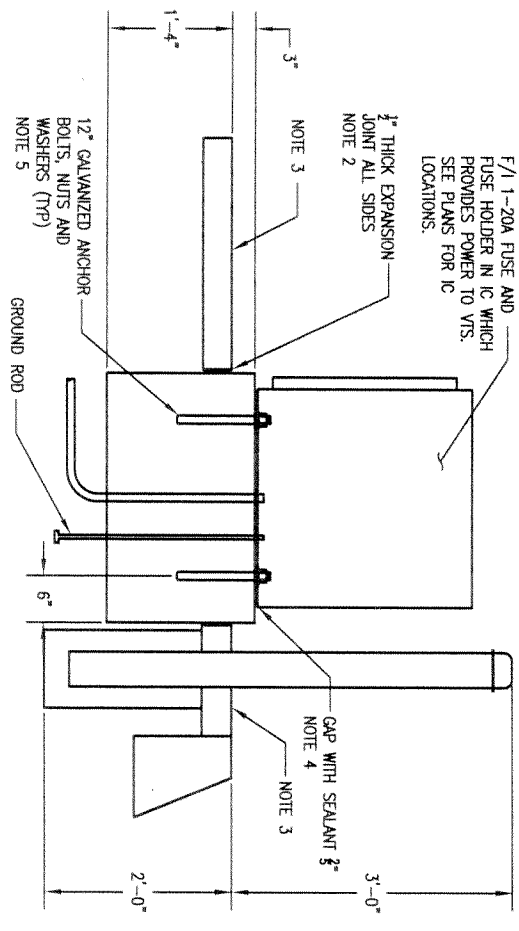
VTS Cabinet is 24"W x 30"H x 18"D;
Concrete Foundation is 28"W x 3"H x 22"D
Total Height (Cabinet, Foundation, and Posts): 36"

Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"





PLAN



VTS CABINET SECTION

NOTES:

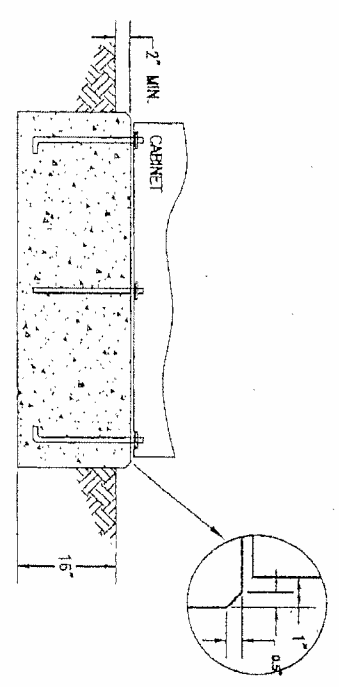
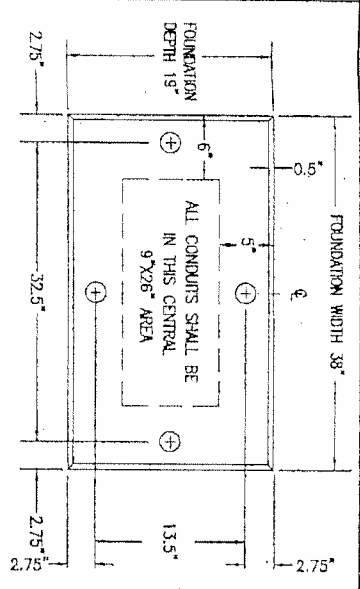
1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, UO_N, AS SPECIFIED IN STANDARD SPECIFICATIONS SECTION 800.11. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - a) CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
 - i) PROPORTION OF COMPONENTS IN THE MIX.
 - ii) BRAND OF CEMENT.
 - iii) SOURCE OF AND GRADATION OF AGGREGATES.
 - iv) WATER-CEMENT RATIO BY WEIGHT.
 - v) COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
 - b) MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADMIXTURES, JOINT MATERIALS AND SYSTEMS, EMBEDDED ITEMS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" FIBER EXPANSION JOINT SHALL BE BRIDGEMAN MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION. SEALTIGHT FIBER EXPANSION JOINT AS MANUFACTURED BY W.R. MEADOWS, INC. OR EQUAL.
3. RECONSTRUCT SIDEWALK TO NEAREST JOINT PER STANDARD SPEC. SECTION 204, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORING 791 SILICONE PERMETER SEALANT.
5. ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
7. CURING COMPOUND SHALL BE SEALTIGHT WHITE-PIGMENTED MANUFACTURED BY R.W. MEADOWS, INC. THAT MEETS ASTM C 309, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.

VTS CABINET INSTALLATION DETAILS

NTS

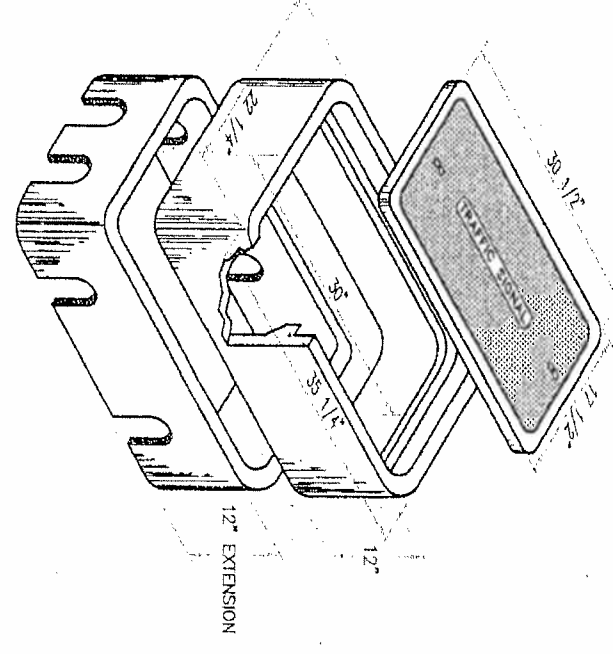
DATE: 03/01/2011 ISSUED FOR SET DESIGN SUBMITTAL		DESCRIPTION:		NO.		QA		BY:		CHECKED/ APPROVED:	
HNTB-B&C JOINT VENTURE 		DESIGNER:		DATE:		APPROVED:		SCALE:		CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED: _____ EXECUTIVE DIRECTOR/CEO	
CONTRACT NO. 1256 SHEET CONTROL NO.		CONTRACT NO. 1256		SHEET NO. SG-156		REGION:		REGION:		REGION:	
THIRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS		SURFACE SIGNALING VTS CABINET INSTALLATION DETAILS		SHEET NO. SG-156		REGION:		REGION:		REGION:	

SENSITIVE SECURITY INFORMATION

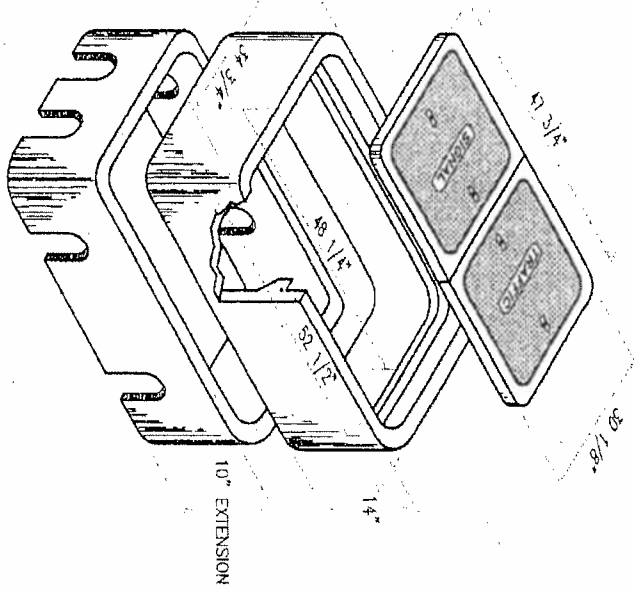


M-SF[®] CABINET FOUNDATION
 2 DETAIL
 ET-202 NIS

- NOTES:**
- SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER CALTRANS "M" FOUNDATION (SEE CTSF ES-48) WITH THE FOLLOWING EXCEPTIONS:
 - FOUNDATION HEIGHT OF 18" (SEE NOTE 2)
 - FOUNDATION WIDTH OF 38"
 - FOUNDATION DEPTH OF 19"
 - CHAMFER EDGE 1/2" X 1/2"
 - FOUR ANCHOR BOLTS AS SHOWN.
 - ANCHOR BOLTS SHALL EXTEND 2" TO 2-1/4" ABOVE TOP OF FOUNDATION.
 - TOP SHALL BE LEVEL WITH A SMOOTH FINISH.
 - NO DRAIN PIPE IS REQUIRED.



TYPE 3X PULL BOX
 3 DETAIL
 ET-202 NIS



TYPE 4X PULL BOX
 1 DETAIL
 ET-202 NIS

DATE: 02/15/2012 DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]	PROJECT: SFMTA SHEET NO: 0 TOTAL SHEETS: 0	REGISTERED PROFESSIONAL ENGINEER CIVIL ENGINEERING STATE OF CALIFORNIA NO. 51118 EXPIRES 12/31/15	REGISTERED PROFESSIONAL ENGINEER CIVIL ENGINEERING STATE OF CALIFORNIA NO. 51118 EXPIRES 12/31/15	CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED: [Signature] DIRECTOR OF TRANSPORTATION	THIRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY UNION SQUARE/MARKET STREET STATION TRAFFIC SIGNALS SHEET 2 OF 2	CONTRACT NO.: 1253 DRAWING NO.: CL-19233 SHEET NO.: ET-202 REVISION: 0
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SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 1601 AND NO PART OF THIS DESIGN MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF THE ADMINISTRATION OF THE TRANSPORTATION SECURITY ADMINISTRATION OR THE SECRETARY OF TRANSPORTATION UNAUTHORIZED RELEASE MAY RESULT IN CIVIL PENALTY OR OTHER ACTION

MEMORANDUM

TO: Rene Lopez
 Bureau of Street Use and Mapping
 875 Stevenson Street, Room 460

FROM: Chuck Morganson *(CM)*
 Central Subway Project
 Project Manager, Contract CS-155-3

DATE: June 5, 2012

SUBJECT: **Central Subway Project**
Surface Mounted Facility Submittal Package for Vehicle Tagging System
Cabinet Installation on 4th Street and Townsend Street

OK
PML 4/9/13
ON W COMMENTS
ON NO. 8 OF THE
CHECKLIST (EX)
NOTICE, PHOTO
& DWG.

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Vehicle Tagging System Cabinet) on 4th Street and Townsend Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, I can be reached at (415) 581-5161

Attachments:

- Pre-Site Visit Checklist (Exhibit A of DPW Order No. 175,566)
- Copy of SFMTA's Five Year Plan
- Cabinet and Foundation Specifications
- Detailed Drawing of Proposed SMF Location
- Photographs of proposed SMF Location
- Copy of Proposed Public Noticed

Traffic Signal

Cabinet

same font print

AH: dc

EXHIBIT A
PRE-SITE VISIT CHECKLIST

City and County of San Francisco

Department of Public Works

Bureau of Street-use and Mapping



Surface-Mounted Facility
Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency

ADDRESS: 651 Brannan Street, San Francisco, CA 94107

Contact Name: Chuck Morganson

TEL. NO.: (415) 581 - 5161

FAX: (415) 701 - 4737

Date: October 21, 2011 Proposed Location: 4th Street at Townsend Street

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2011 with: Chuck Morganson Tel. No.:(415) 581-5161

Request for site visit is denied

Site visit not required because:

Proposed location for the new traffic signal controller cabinet is o.k.

Reviewed By Rene Lopez _____ Tel. No.: (415) 554-6201

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for the vehicle tagging system cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of vehicle tagging system cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of vehicle tagging system cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of vehicle tagging system cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

The existing controller cabinet is in the ^{SIGNAL} NW corner facing ^{SW} northbound. There is no existing vehicle tagging system cabinet. The new vehicle tagging system cabinet will be installed on the NW corner ^{SOUTH EAST} as well, but facing ^{BOUND TRAFF} eastbound traffic.

^S SOUTH WEST BOUND

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DA
04TH ST	BLUXOME ST intersection	SEWER	10/15/2012	1424J-7	
		MUNI	4/1/2013	Central Subway	
		SEWER	1/1/2017	1467JB	
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK	2/4/2011	SFpark sensors	
		TJPA	1/1/2012	DTX	
		SEWER	10/15/2012	1424J-7	
		MUNI	4/1/2013	Central Subway	
		SEWER	1/1/2017	1467JB	
04TH ST	TOWNSEND ST intersection	SEWER	10/15/2012	1424J-7	
		MUNI	4/1/2013	Central Subway	
		SEWER	1/1/2017	1467JB	
04TH ST	TOWNSEND ST to KING ST (700 - 799)	DPT	8/1/2011	SFgo Parking Guidance and Pavement Renovation	
		SEWER	10/15/2012	1424J-7	
		MUNI	4/1/2013	Central Subway	
		SEWER	1/1/2017	1467JB	
04TH ST	KING ST intersection	SEWER	10/15/2012	1424J-7	
		MUNI	4/1/2013	Central Subway	
		SEWER	1/1/2017	1467JB	
04TH ST	KING ST to BERRY ST (800 - 899)	SEWER	1/1/2017	1467JB	
04TH ST	BERRY ST intersection	SEWER	1/1/2017	1467JB	
05TH AVE	END to LAKE ST (1 - 99)	RAMPS	1/3/2011	1794J MOD FY10-11 Curb Ramps	
05TH AVE	LAKE ST intersection	SEWER	7/1/2017	N/A	
05TH AVE	CALIFORNIA ST intersection	DPT	7/1/2013	Traffic Calming - Circles	
05TH AVE	CALIFORNIA ST to CORNWALL ST (190 - 199)	DPT	6/1/2011	Continental Crosswalks	
05TH AVE	CLEMENT ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	
05TH AVE	GEARY BLVD intersection	NEWSRACK	6/1/2011	Clement St CGS	
		PAVING	7/1/2024	Clement St Pavement Renovation	
05TH AVE	GEARY BLVD to ANZA ST (400 - 499)	NEWSRACK	10/1/2011	Geary Bl A CGS	
05TH AVE	BALBOA ST to CABRILLO ST (600 - 699)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	
05TH AVE	CABRILLO ST intersection	SEWER	7/1/2014	N/A	
05TH AVE	CABRILLO ST to FULTON ST (700 - 799)	SEWER	12/1/2014	N/A	
05TH AVE	FULTON ST intersection	SEWER	7/1/2016	N/A	
05TH AVE	HUGO ST to IRVING ST (1245 - 1299)	DPT	6/1/2011	Continental Crosswalks	
		PAVING	7/1/2012	Pavement Renovation- Fulton St	
		DPT	1/1/2015	TEP Implementation	
05TH AVE	IRVING ST intersection	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	
05TH AVE	JUDAH ST \ PARNASSUS AVE intersection	PAVING	7/1/2014	Pavement Renovation- Irving St	
05TH AVE	JUDAH ST \ PARNASSUS AVE to KIRKHAM ST (1400 - 1499)	PAVING	11/1/2011	1747J	
05TH AVE	KIRKHAM ST to END (1500 - 1599)	PAVING	7/1/2012	BSSR	
05TH ST	CYRIL MAGNIN ST \ MARKET ST intersection	SEWER	7/1/2015	N/A	
05TH ST	CYRIL MAGNIN ST \ MARKET ST to STEVENSON ST (1 - 32)	PAVING	1/1/2015	1603J	
05TH ST	STEVENSON ST to MINT PLZ (23 - 66)	DPT	7/1/2011	MTA BIKE PLAN	
05TH ST	MINT PLZ to JESSIE ST (45 - 82)	DPT	7/1/2011	MTA BIKE PLAN	
		DPT	7/1/2011	MTA BIKE PLAN	

STREETNAME*	FROM	UTILITY	START DATE	PROJECT NAME	DAY
TOWNSEND ST	02ND ST intersection				
TOWNSEND ST	02ND ST to STANFORD ST (100 - 133)	DPWGREEN PAVING	6/13/2012 5/13/2012	Great Streets - 2nd Street 1748J	4 4
TOWNSEND ST	STANFORD ST to CLARENCE PL (130 - 179)	SFPARK PGE	6/16/2011 10/24/2011	SFpark sensors ++PGE New Service	56
TOWNSEND ST	CLARENCE PL to O3RD ST (180 - 199)	SFPARK PGE PGE	6/16/2011 10/24/2011 12/1/2011	SFpark sensors ++PGE New Service 30672167	56 1
TOWNSEND ST	03RD ST to RITCH ST (200 - 223)	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	56 4
TOWNSEND ST	RITCH ST to CLYDE ST (222 - 247)	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	56 4
TOWNSEND ST	CLYDE ST intersection	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	56 4
TOWNSEND ST	CLYDE ST to LUSK ST (228 - 271)	RAMPS TJPA SFWD	1/3/2011 1/1/2012 11/1/2012	1794J MOD FY10-11 Curb Ramps DTX WD-2620	270 45 240
TOWNSEND ST	LUSK ST intersection	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	564 45
TOWNSEND ST	LUSK ST to 04TH ST (252 - 299)	TJPA SFWD	1/1/2012 11/1/2012	DTX WD-2620	45 240
TOWNSEND ST	04TH ST intersection	SFPARK TJPA MUNI	6/16/2011 1/1/2012 4/1/2013	SFpark sensors DTX Central Subway	564 45 913
TOWNSEND ST	04TH ST to 05TH ST (300 - 399)	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	492 913 365
TOWNSEND ST	05TH ST intersection	SFPARK TJPA MUNI SEWER	6/16/2011 1/1/2012 4/1/2013 7/1/2015	SFpark sensors DTX Central Subway N/A	564 45 913 20
TOWNSEND ST	05TH ST to 06TH ST (400 - 499)	MUNI	4/1/2013	Central Subway	913
TOWNSEND ST	06TH ST to 07TH ST (500 - 599)	TJPA	1/1/2012	DTX	45
TOWNSEND ST	07TH ST to 08TH ST (600 - 699)	TJPA	1/1/2012	DTX	45
TOYON LN	SOUTH HILL BLVD intersection	PGE PGE PGE	7/11/2011 9/16/2011 10/24/2011	30762998 41477500 ++PGE New Service	4 1 4
TOYON LN	SOUTH HILL BLVD to BALTIMORE WAY (1 - 99)	PGE	1/1/2015	+Cordova 3	211
TOYON LN	BALTIMORE WAY intersection	PGE	1/1/2015	+Cordova 3	211
TRADER VIC ALY	COSMO PL intersection	PGE	1/1/2015	+Cordova 3	211
TRANSBAY HUMP	FREMONT ST intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
TREASURY PL	BUSH ST to END (1 - 99)	TJPA	12/17/2010	Transbay Transit Center	2372
TREAT AVE	ALAMEDA ST to ALABAMA ST (100 - 148)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
TREAT AVE	16TH ST \ HARRISON ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
TREAT AVE	17TH ST intersection	PGE DPT	1/1/2013 1/1/2016	GPRP 2013 - Harrison (HP) TEP Implementation	365 365
		PAVING	11/1/2011	1746J	148

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

June 5, 2012 ?

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a Vehicle Tagging System (VTS) cabinet at the northwest corner of Fourth Street and Townsend Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the Vehicle Tagging System cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible, the VTS cabinets are also limited to these spaces. Traffic Signal Controller cabinets are already existing on Fourth Street at Townsend Street. It would be optimal to locate new VTS cabinets as close to these cabinets to avoid relocating the existing Traffic Signal Controller Cabinets.

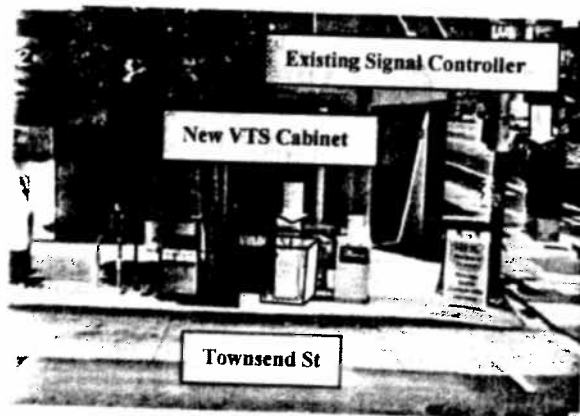
~~If you object to the installation of the SMF, you must notify the Department of Public Works of your objections either by phone at (415) 554-5810 or by mail at the Bureau of Street-Use and Mapping, 875 Stevenson Street, Room 460, San Francisco, CA 94103-0942. You have 20 days from the date of this notice to either telephone or send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.~~

If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

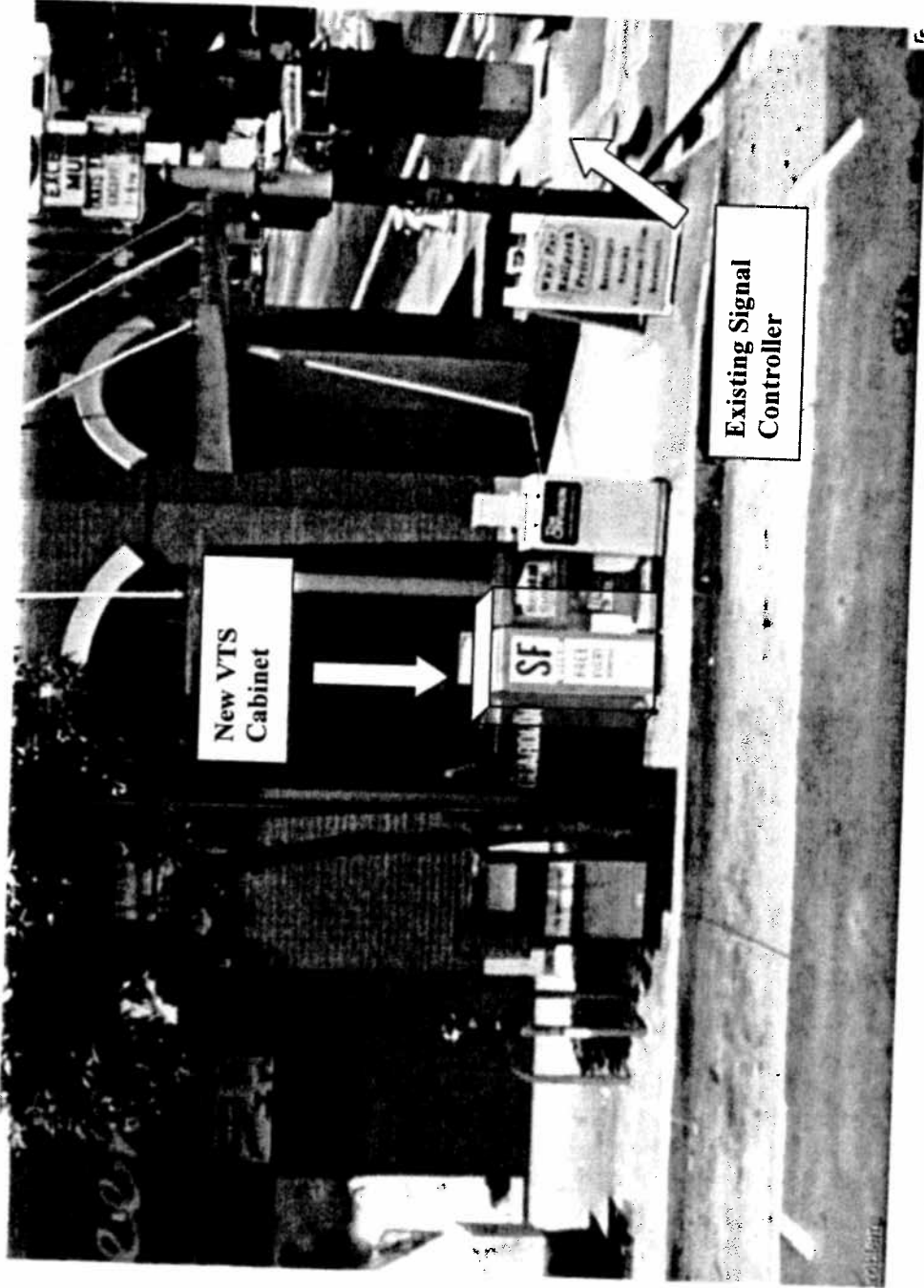
Chuck Morganson
San Francisco Municipal Transportation Agency
Central Subway Project
651 Brannan Street
San Francisco, CA 94107
(415) 581-5161

VTS cabinet is 24"W x 30"H x 18"D;
Concrete foundation is 28"W x 3"H x 22"D
Total Height (cabinet, foundation, and posts): 36"



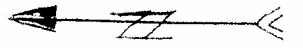
Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the **Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 03rd Floor, San Francisco, California 94103-0942** or by fax to **(415) 554-6161**. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

Fourth & Townsend - NW CORNER



LOOKING NORTHWEST ACROSS TOWNSEND ST. TOWARDS THE PROPOSED LOCATION. 04TH ST. IS ON THE RIGHT TO THE NORTHEAST. (NEEDS PHOTO OF BOTH SIDES OF THE PROPOSED ~~LOCATION~~ ^{CORNER}. PLEASE IDENTIFY THE PHOTO.)

FOURTH & TOWNSEND - AERIAL VIEW



PROPOSED LOCATION

4TH ST = NORTH - SOUTH
TOWNSEND = EAST - WEST

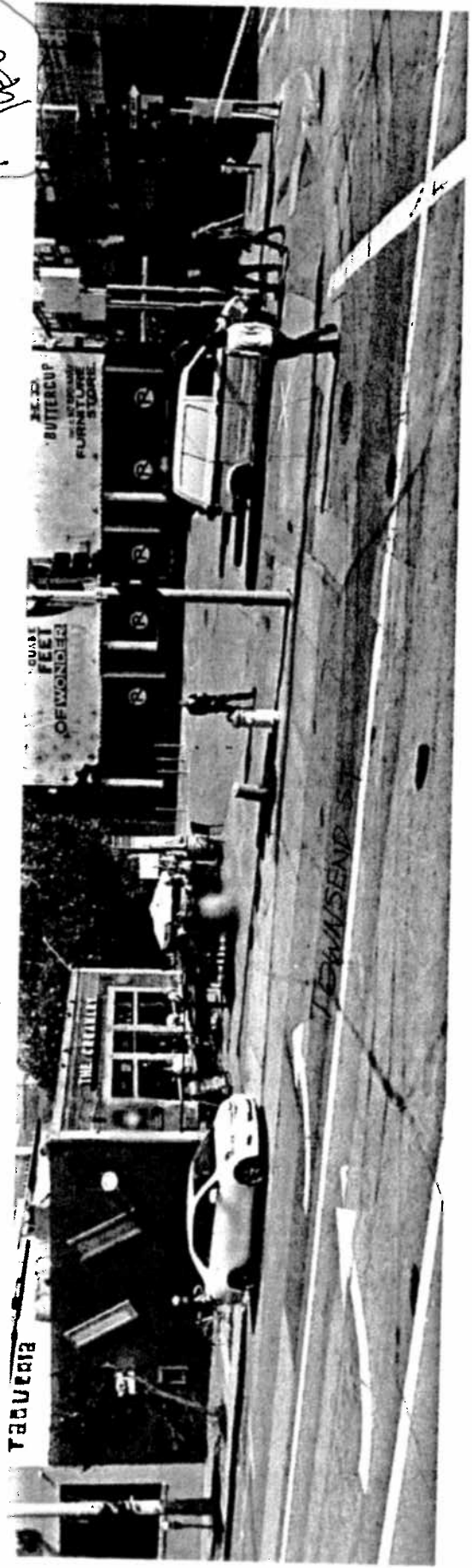
4TH & TOWNSEND - NE CORNER

4th St @ Townsend



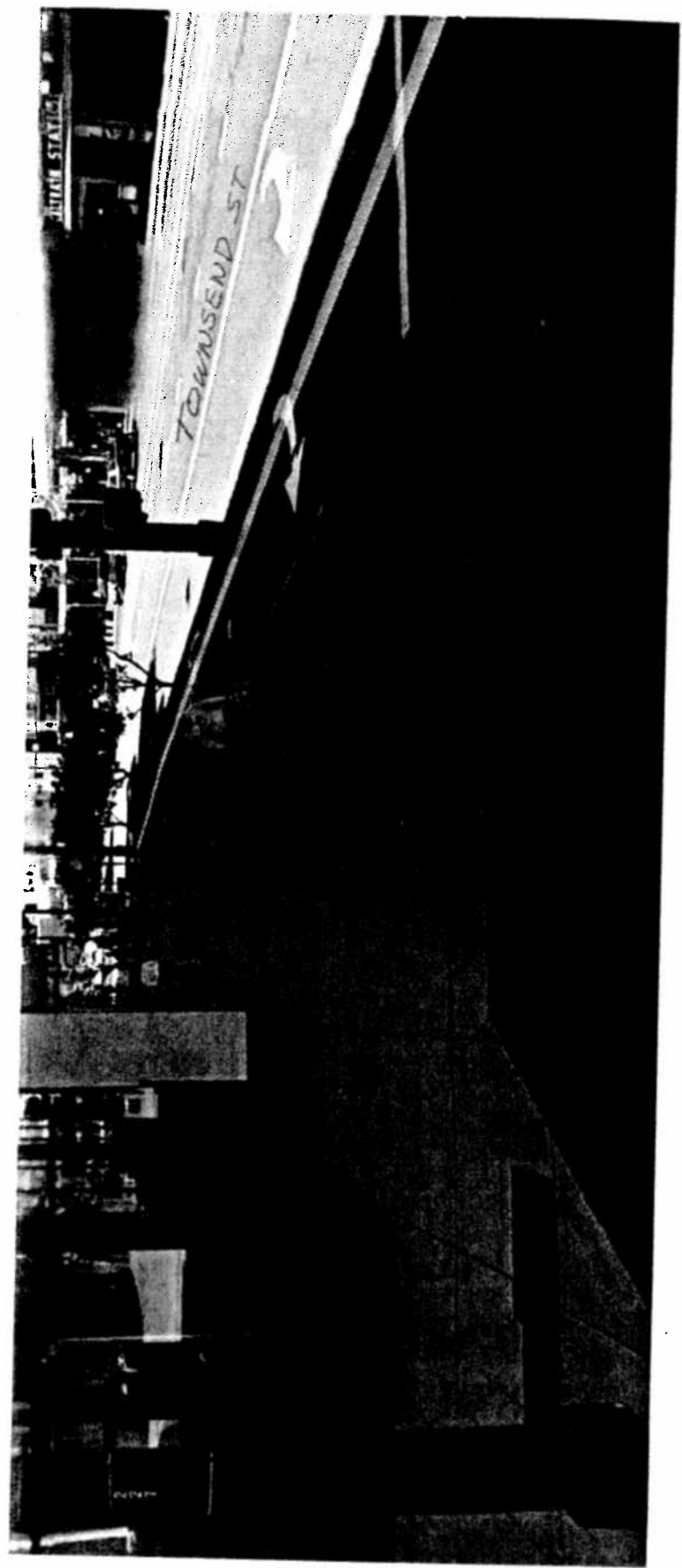
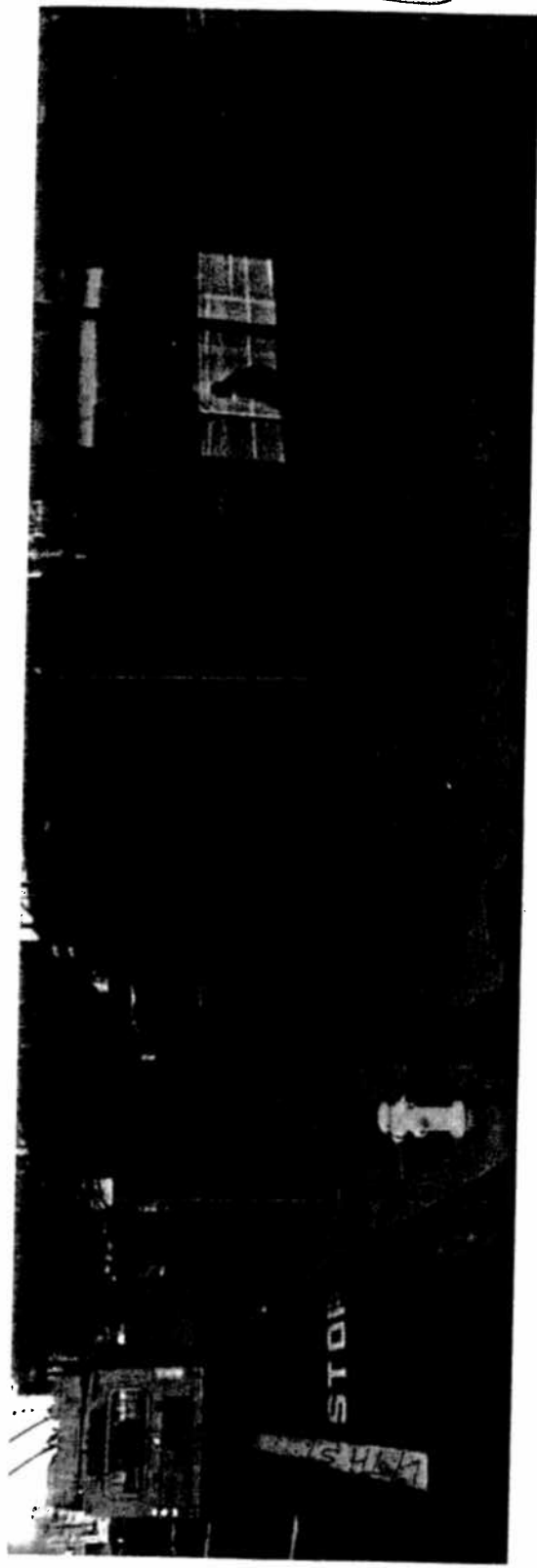
HOT MEATS

Townsend St @ 4th St

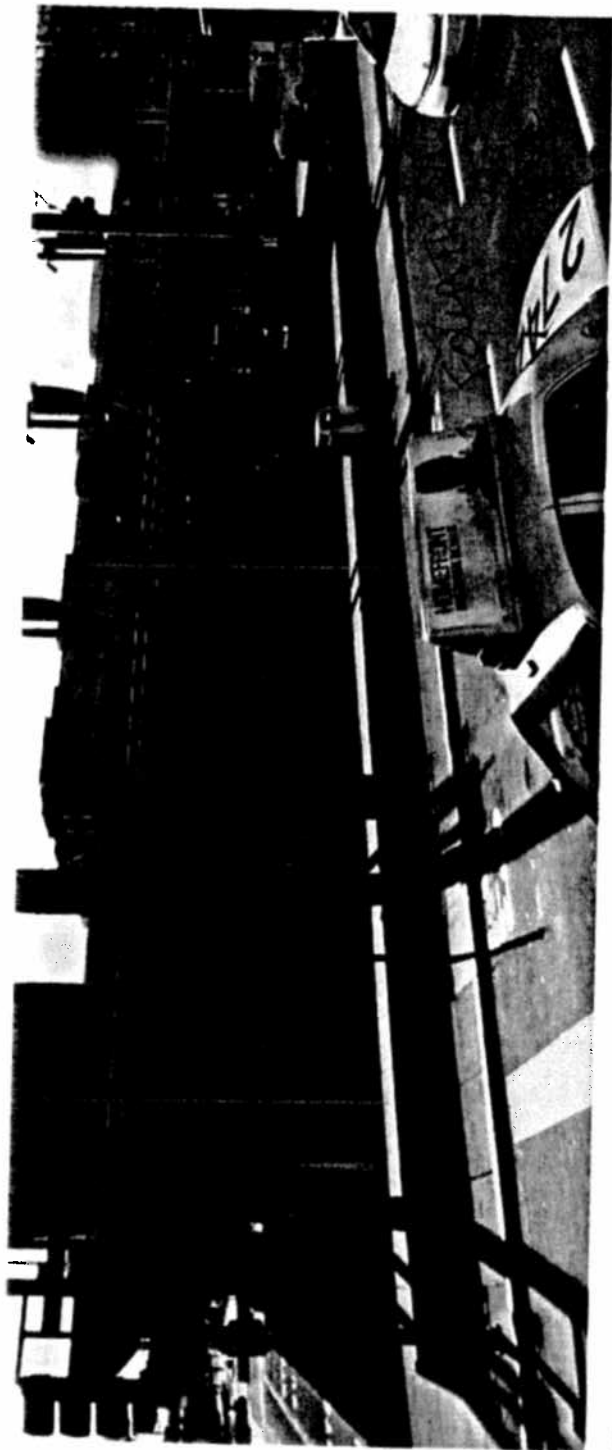


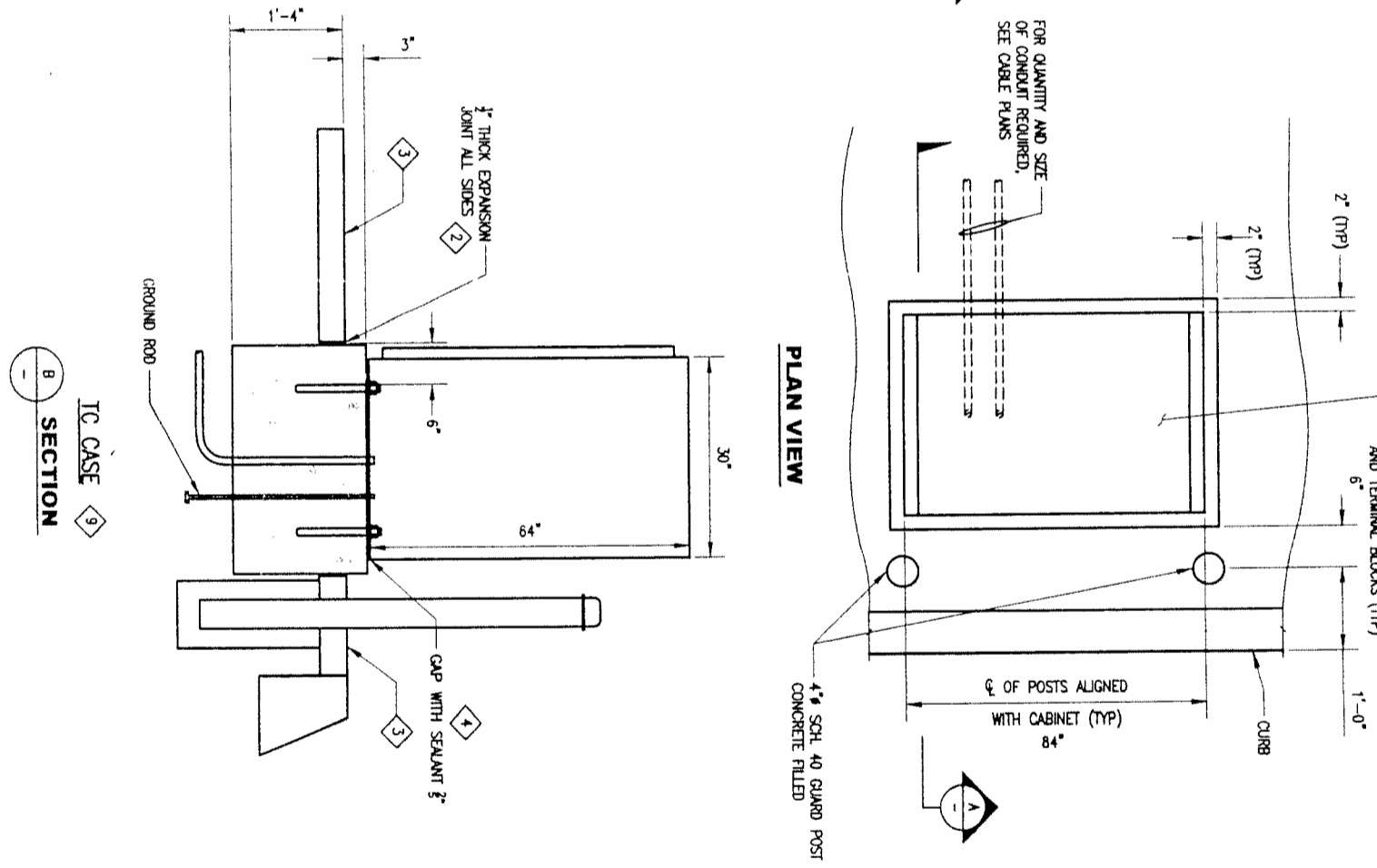
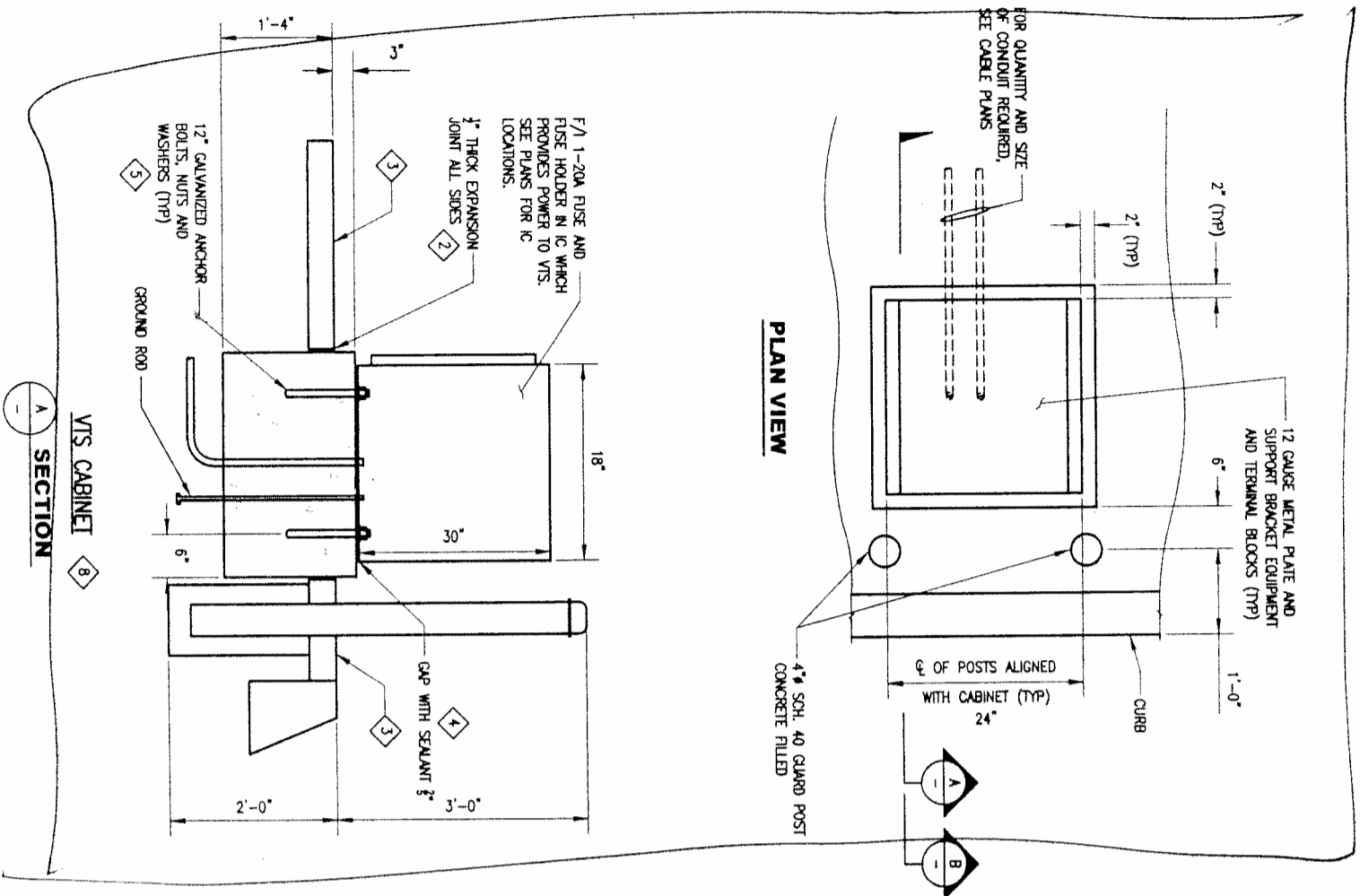
SE CORNER OF 4TH & TOWNSEND

4000
1001



SW CORNER OF 4TH & TOWNSEND





CABINET INSTALLATION DETAILS

NOTES:

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT LION, PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - a) CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
 - i) PROPORTION OF COMPONENTS IN THE MIX.
 - ii) BRAND OF CEMENT.
 - iii) SOURCE OF AND GRADATION OF AGGREGATES.
 - iv) WATER-CEMENT RATIO BY WEIGHT.
 - v) COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
 - b) MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADAPTIVES, JOINT MATERIALS AND SYSTEMS, EMBEDDED ITEMS, CURING MATERIAL, SEALANTS AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" REBER EXPANSION JOINT SHALL BE BITUMINOUS MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION, SEALTIGHT FIBER EXPANSION JOINT.
3. RECONSTRUCT SIDEWALK TO NEAREST JOINT, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORNING 791 SILICONE PERIMETER SEALANT.
5. ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
7. CURING COMPOUND SHALL BE SEALTIGHT WHITE-PIGMENTED THAT MEETS ASTM C 309, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.
8. VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
9. TC CASE SHALL BE INSTALLED AT 4TH & BLUOME AND 4TH & KING.

DATE	DESCRIPTION	BY	CHECKED	APPROVED
01/13/2012	ISSUED FOR PRE-FINAL SUBMITTAL	DA	DA	
03/01/2011	ISSUED FOR 654 DESIGN SUBMITTAL	DA	DA	

DESIGNED	R. ALMEIDA
DRAWN	M. BULLY
CHECKED	M. BULLY
APPROVED	

PROJECT NO.	1256
SHEET NO.	SG-156
REVISION	0B

CONTRACTOR	HNTB-B&C JOINT VENTURE B&C TRANSIST INC.
CITY AND COUNTY OF SAN FRANCISCO	MUNICIPAL TRANSPORTATION AGENCY
DIRECTOR OF TRANSPORTATION	
THIRD STREET LIGHT RAIL PROGRAM	PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS
SURFACE SIGNALING CABINET INSTALLATION DETAILS	



(415) 554-5810
FAX (415) 554-6161
http://www.sfdpw.org

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0012

Surface Mounted Facility Permit

Address : TOWNSEND ST: 04TH
ST to 05TH ST (300 - 399)

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new VTS (Vehicle Tagging System) cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: Townsend St. between 04th St. to 05th St. (north side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/06/2014

Applicant/Permittee

Date

Printed : 6/16/2014 11:39:06 AM Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0012

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	TOWNSEND ST	04TH ST	05TH ST	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		


Exceptions

Street Name	From St	To St	Message	Job	Contact	Dates
TOWNSEND ST						
	04TH ST	05TH ST -	Conflict with existing Street Use Permit.	13B-0045	Refer to Agent - Refer to Agent	Apr 25 2013-Apr 25 2014
	04TH ST	05TH ST -	Conflict with existing Street Use Permit.	13B-0102	(415) 431-2950 - (415) 431-2950	Oct 1 2013-Oct 8 2014
	04TH ST	05TH ST -	Conflict with existing Street Use Permit.	13B-0141	(415) 431-2950 - (415) 431-2950	Jan 1 2014-Oct 31 2014
	04TH ST	05TH ST -	Conflict with existing Street Use Permit.	13ECN-0022	800-743-5000 - 800-743-5000	Dec 21 2012-
	04TH ST	05TH ST -	Conflict with existing Street Use Permit.	13ECN-0348	800-743-5000 - 800-743-5000	Apr 22 2013-
	04TH ST	05TH ST -	Conflict with existing Street Use Permit.	13MSE-0007	Refer to Agent - Refer to Agent	
	04TH ST	05TH ST -	Conflict with existing Street Use Permit.	13SMF-0260	Refer to Agent - Refer to Agent	
	04TH ST	05TH ST -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0431	(415) 819-8549 - (415) 819-8549	Jan 22 2014-Dec 31 2018
	04TH ST	05TH ST -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-0552	Judy Jones 415-244-9799 - Judy Jones 415-244-9799	Jan 29 2014-Mar 14 2014
	04TH ST	05TH ST -	Blocks with Bicycle Route designations require special attention. For details see Section 10 of DPT's Blue Book and Section 6.3 of DPW's Order No. 171.442.	N/A		
	04TH ST	05TH ST -	DPT Blue Book Traffic Restriction. Time of day during which lanes must be kept clear: NORTH 7AM - 9AM 3PM - 7PM MONDAY THROUGH FRIDAY // SOUTH 7AM - 9AM 3PM - 7PM MONDAY THROUGH FRIDAY	N/A		
	04TH ST	05TH ST -	Mission Bay.	N/A		
	04TH ST	05TH ST -	No construction allowed in streets on game days at PacBell Park 2 hours before and until 2 hours after events. Day event hours:10am-6pm. Night event hours: 4pm-Midnight. Call 415-972-2000ext0 for more information.	N/A		
	04TH ST	05TH ST -	Under G095 requirement, Contractor shall contact Muni Overhead Line Division of any work 10 feet in horizontal or vertical direction of overhead lines. Contact: Tim Lipps @ (415) 554-9227	N/A		
	04TH ST	05TH ST -	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018
	04TH ST	05TH ST -	Proposed Excavation.	Transbay	Cory Traylor -	Jan 3 2020-Feb 15 2022

No Diagram submitted

MEMORANDUM

TO: Rene Lopez
Bureau of Street Use and Mapping
875 Stevenson Street, Room 460

FROM: Chuck Morganson 
Central Subway Project
Project Manager, Contract CS-155-3

DATE: June 5, 2012

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Vehicle Tagging System
Cabinet Installation on 4th Street and Townsend Street

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Vehicle Tagging System Cabinet) on 4th Street and Townsend Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, I can be reached at (415) 581-5161

Attachments:

Pre-Site Visit Checklist (Exhibit A of DPW Order No. 175,566)
Copy of SFMTA's Five Year Plan
Cabinet and Foundation Specifications
Detailed Drawing of Proposed SMF Location
Photographs of proposed SMF Location
Copy of Proposed Public Noticed

AH: dc

**EXHIBIT A
PRE-SITE VISIT CHECKLIST**
City and County of San Francisco



Department of Public Works

Bureau of Street-use and Mapping

**Surface-Mounted Facility
Pre-Site visit Checklist**

Applicant Name: Municipal Transportation Agency

ADDRESS: 651 Brannan Street, San Francisco, CA 94103

Contact Name: Chuck Morganson

TEL. NO.: (415) 581 - 5161

FAX: (415) 701 - 4700

Date: October 21, 2011 Proposed Location: 4th Street at Townsend Street

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2011 with: Chuck Morganson Tel. No.:(415) 581-5161

Request for site visit is denied
 Site visit not required because:

 Proposed location for the new traffic signal controller cabinet is o.k.
 Reviewed By Rene Lopez Tel. No.: (415) 554-6201

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for the vehicle tagging system cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of vehicle tagging system cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of vehicle tagging system cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of vehicle tagging system cabinets, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, vehicle tagging system cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT
GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED
FACILITY

The existing controller cabinet is in the NW corner facing northbound. There is no existing vehicle tagging system cabinet. The new vehicle tagging system cabinet will be installed on the NW corner as well, but facing eastbound traffic.

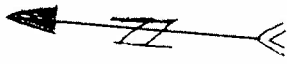
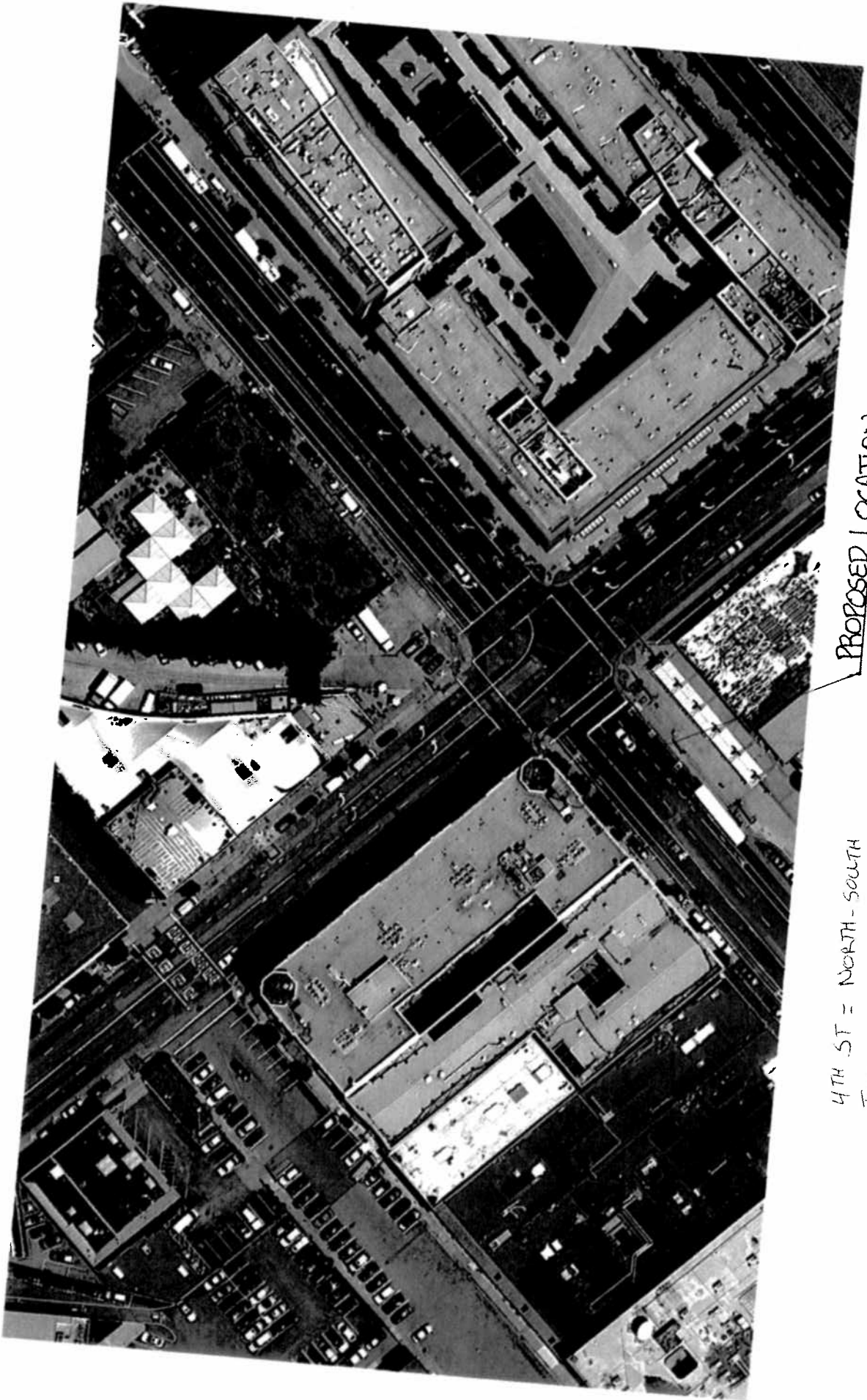
STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	
04TH ST	BLUXOME ST intersection	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK TJPA SEWER MUNI SEWER	2/4/2011 1/1/2012 10/15/2012 4/1/2013 1/1/2017	SFpark sensors DTX 1424J-7 Central Subway 1467JB	
04TH ST	TOWNSEND ST intersection	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	
04TH ST	TOWNSEND ST to KING ST (700 - 799)	DPT	8/1/2011	SFgo Parking Guidance and Pavement Renovation 1424J-7 Central Subway 1467JB	
04TH ST	KING ST intersection	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	
04TH ST	KING ST to BERRY ST (800 - 899)	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	
04TH ST	BERRY ST intersection	RAMPS	1/1/2017	1794J MOD FY10-11 Curb Ramps	
05TH AVE	END to LAKE ST (1 - 99)	SEWER	1/3/2011	N/A	
05TH AVE	LAKE ST intersection	SEWER	7/1/2017	Traffic Calming - Circles	
05TH AVE	CALIFORNIA ST intersection	DPT	7/1/2013	Continental Crosswalks	
05TH AVE	CALIFORNIA ST to CORNWALL ST (190 - 199)	DPT	6/1/2011	Various Locations Slurry Sealing Contract 3A	1
05TH AVE	CLEMENT ST intersection	PAVING	7/1/2014	Clement St CGS Clement St Pavement Renovation	1
05TH AVE	GEARY BLVD intersection	NEWSRACK PAVING	6/1/2011 7/1/2024	Geary BI A CGS	12
05TH AVE	GEARY BLVD to ANZA ST (400 - 499)	NEWSRACK	10/1/2011	Various Locations Slurry Sealing Contract 3A	150
05TH AVE	CABRILLO ST intersection	PAVING	7/1/2014	N/A	366
05TH AVE	BALBOA ST to CABRILLO ST (600 - 699)	SEWER	7/1/2014	N/A	150
05TH AVE	CABRILLO ST to FULTON ST (700 - 799)	SEWER	12/1/2014	N/A	20
05TH AVE	FULTON ST intersection	SEWER	7/1/2016	N/A	20
05TH AVE	HUGO ST to IRVING ST (1245 - 1299)	DPT PAVING DPT	6/1/2011 7/1/2012 1/1/2015	Continental Crosswalks Pavement Renovation- Fulton St TEP Implementation	1175 150 364
15TH AVE	IRVING ST intersection	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
17TH AVE	JUDAH ST PARNASSUS AVE intersection	PAVING	7/1/2014	Pavement Renovation- Irving St	150
17TH AVE	JUDAH ST PARNASSUS AVE to KIRKHAM ST (1400 - 1499)	PAVING	11/1/2011	1747J	145
17TH AVE	KIRKHAM ST to END (1500 - 1599)	PAVING	7/1/2012	BSSR	120
17TH AVE	CYRIL MAGNIN ST MARKET ST intersection	SEWER	7/1/2015	N/A	20
17TH AVE	CYRIL MAGNIN ST MARKET ST to STEVENSON ST (1 - 32)	PAVING	1/1/2015	1603J	20
17TH AVE	STEVENSON ST to MINT PLZ (23 - 66)	DPT	7/1/2011	MTA BIKE PLAN	365
17TH AVE	MINT PLZ to JESSIE ST (45 - 82)	DPT	7/1/2011	MTA BIKE PLAN	365
		DPT	7/1/2011	MTA BIKE PLAN	365

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
TOWNSEND ST	02ND ST intersection	DPWGREEN PAVING	6/13/2012 6/13/2012	Great Streets - 2nd Street 1748J	433 433
TOWNSEND ST	02ND ST to STANFORD ST (100 - 133)	SFPARK PGE	6/16/2011 10/24/2011	SFpark sensors ++PGE New Service	564 4
TOWNSEND ST	STANFORD ST to CLARENCE PL (130 - 179)	SFPARK PGE PGE	6/16/2011 10/24/2011 12/1/2011	SFpark sensors ++PGE New Service 30672167	564 4 14
TOWNSEND ST	CLARENCE PL to 03RD ST (180 - 199)	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	564 45
TOWNSEND ST	03RD ST to RITCH ST (200 - 223)	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	564 45
TOWNSEND ST	RITCH ST to CLYDE ST (222 - 247)	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	564 45
TOWNSEND ST	CLYDE ST intersection	RAMPS TJPA SFWD	1/3/2011 1/1/2012 11/1/2012	1794J MOD FY10-11 Curb Ramps DTX WD-2620	270 45 240
TOWNSEND ST	CLYDE ST to LUSK ST (228 - 271)	SFPARK TJPA	6/16/2011 1/1/2012	SFpark sensors DTX	564 45
TOWNSEND ST	LUSK ST intersection	TJPA SFWD	1/1/2012 11/1/2012	DTX WD-2620	45 240
TOWNSEND ST	LUSK ST to 04TH ST (252 - 299)	SFPARK TJPA MUNI	6/16/2011 1/1/2012 4/1/2013	SFpark sensors DTX Central Subway	564 45 913
TOWNSEND ST	04TH ST intersection	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	492 913 365
TOWNSEND ST	04TH ST to 05TH ST (300 - 399)	SFPARK TJPA MUNI SEWER	6/16/2011 1/1/2012 4/1/2013 7/1/2015	SFpark sensors DTX Central Subway N/A	564 45 913 20
TOWNSEND ST	05TH ST intersection	MUNI	4/1/2013	Central Subway	913
TOWNSEND ST	05TH ST to 06TH ST (400 - 499)	TJPA	1/1/2012	DTX	45
TOWNSEND ST	06TH ST to 07TH ST (500 - 599)	TJPA	1/1/2012	DTX	45
TOWNSEND ST	07TH ST to 08TH ST (600 - 699)	PGE PGE PGE	7/11/2011 9/16/2011 10/24/2011	30762998 41477500 ++PGE New Service	4 1 4
TOYON LN	SOUTH HILL BLVD intersection	PGE	1/1/2015	+Cordova 3	211
TOYON LN	SOUTH HILL BLVD to BALTIMORE WAY (1 - 99)	PGE	1/1/2015	+Cordova 3	211
TOYON LN	BALTIMORE WAY intersection	PGE	1/1/2015	+Cordova 3	211
TRADER VIC ALY	COSMO PL intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
TRANSBAY HUMP	FREMONT ST intersection	TJPA	12/17/2010	Transbay Transit Center	2372
TREASURY PL	BUSH ST to END (1 - 99)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
TREAT AVE	ALAMEDA ST to ALABAMA ST (100 - 148)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
TREAT AVE	16TH ST \ HARRISON ST intersection	PGE DPT	1/1/2013 1/1/2016	GPRP 2013 - Harrison (HP) TEP Implementation	365 365
TREAT AVE	17TH ST intersection	PAVING	11/1/2011	1746J	148

Fourth & Townsend - NW CORNER



FOURTH & TOWNSEND - AERIAL VIEW

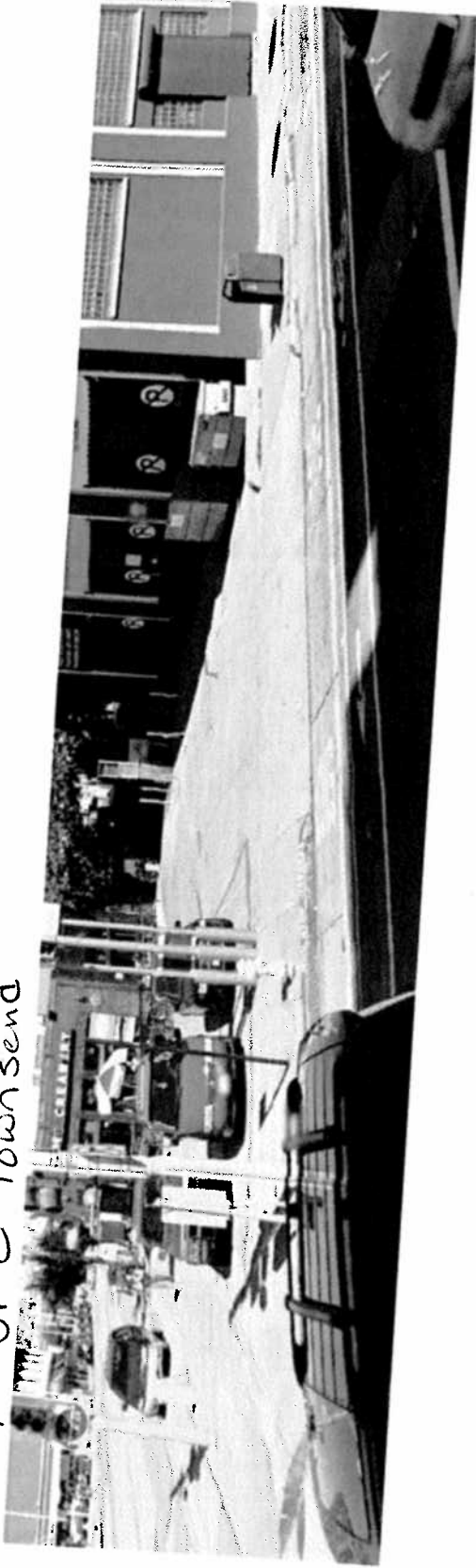


PROPOSED LOCATION

4TH ST = NORTH-SOUTH
TOWNSEND = EAST-WEST

4TH & TOWNSEND - NE CORNER

4th St @ Townsend



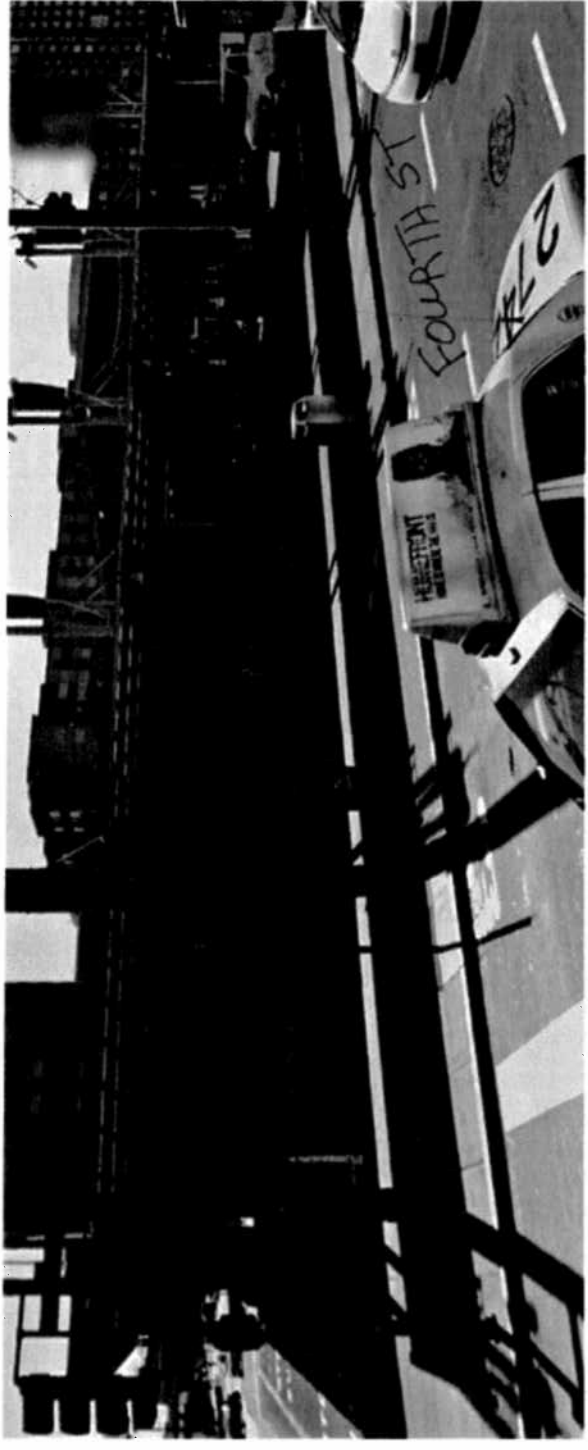
Townsend St @ 4th St



SE CORNER OF 4TH & TOWNSEND



SW CORNER OF 4TH & TOWNSEND



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

June 5, 2012

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a Vehicle Tagging System (VTS) cabinet at the northwest corner of Fourth Street and Townsend Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the Vehicle Tagging System cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible, the VTS cabinets are also limited to these spaces. Traffic Signal Controller cabinets are already existing on Fourth Street at Townsend Street. It would be optimal to locate new VTS cabinets as close to these cabinets to avoid relocating the existing Traffic Signal Controller Cabinets.

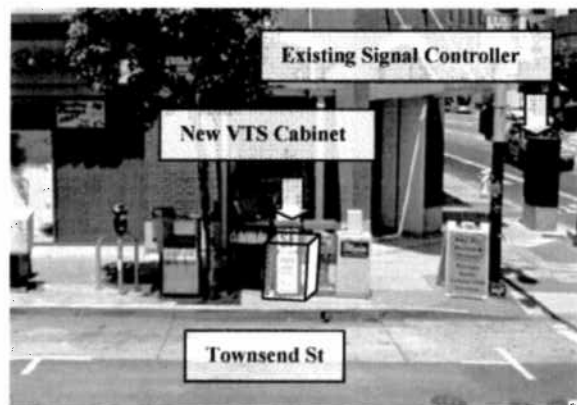
If you object to the installation of the SMF, you must notify the Department of Public Works of your objections either by phone at (415) 554-5810 or by mail at the Bureau of Street-Use and Mapping, 875 Stevenson Street, Room 460, San Francisco, CA 94103-0942. You have 20 days from the date of this notice to either telephone or send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

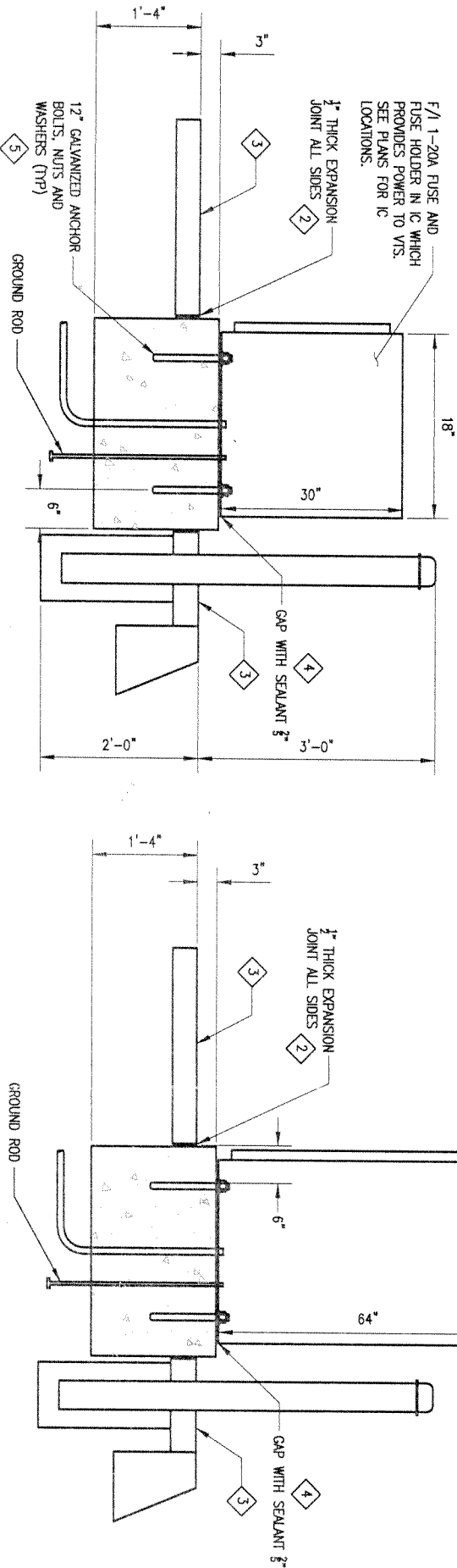
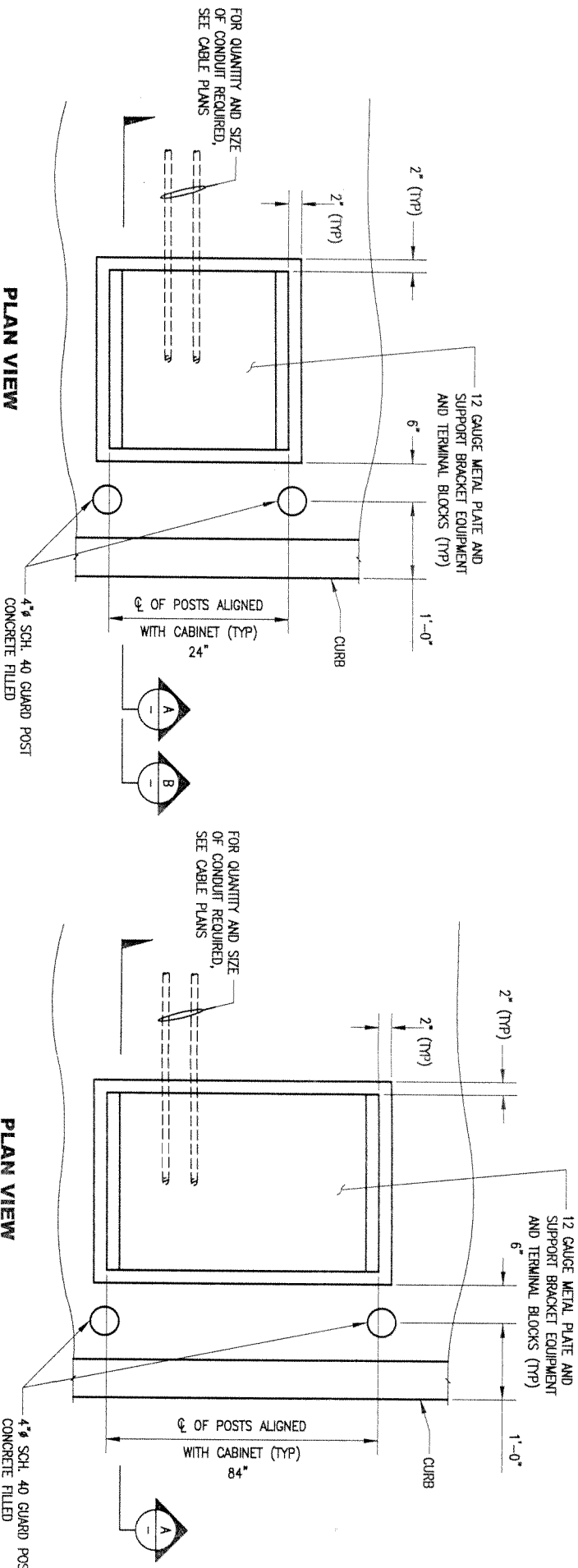
If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Chuck Morganson
San Francisco Municipal Transportation Agency
Central Subway Project
651 Brannan Street
San Francisco, CA 94107
(415) 581-5161

VTS cabinet is 24"W x 30"H x 18"D;
Concrete foundation is 28"W x 3"H x 22"D
Total Height (cabinet, foundation, and posts): 36"





CABINET INSTALLATION DETAILS
N15

- NOTES:**
1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, URM, PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - a) CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPORTION OF COMPONENTS IN THE MIX.
 - i) BRAND OF CEMENT.
 - ii) SOURCE OF AND GRADATION OF AGGREGATES.
 - iii) WATER-CEMENT RATIO BY WEIGHT.
 - iv) COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
 - b) MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADMIXTURES, JOINT MATERIALS AND SYSTEMS, EMBEDDED ITEMS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
 2. 1/2" FIBER EXPANSION JOINT SHALL BE BRITANNIUMS MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION, SEALTIGHT FIBER EXPANSION JOINT.
 3. RECONSTRUCT SIDEWALK TO NEAREST JOINT. COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
 4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORNING 791 SILICONE PERIMETER SEALANT.
 5. ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
 6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
 7. CURING COMPOUND SHALL BE SEALTIGHT WHITE-PIGMENTED THAT MEETS ASTM C 309, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.
 8. VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
 9. TL CASE SHALL BE INSTALLED AT 4TH & BLUXOME AND 4TH & KING.

DRAWING IN PROGRESS / SUBJECT TO CHANGE / 11"X17" = HALF SIZE

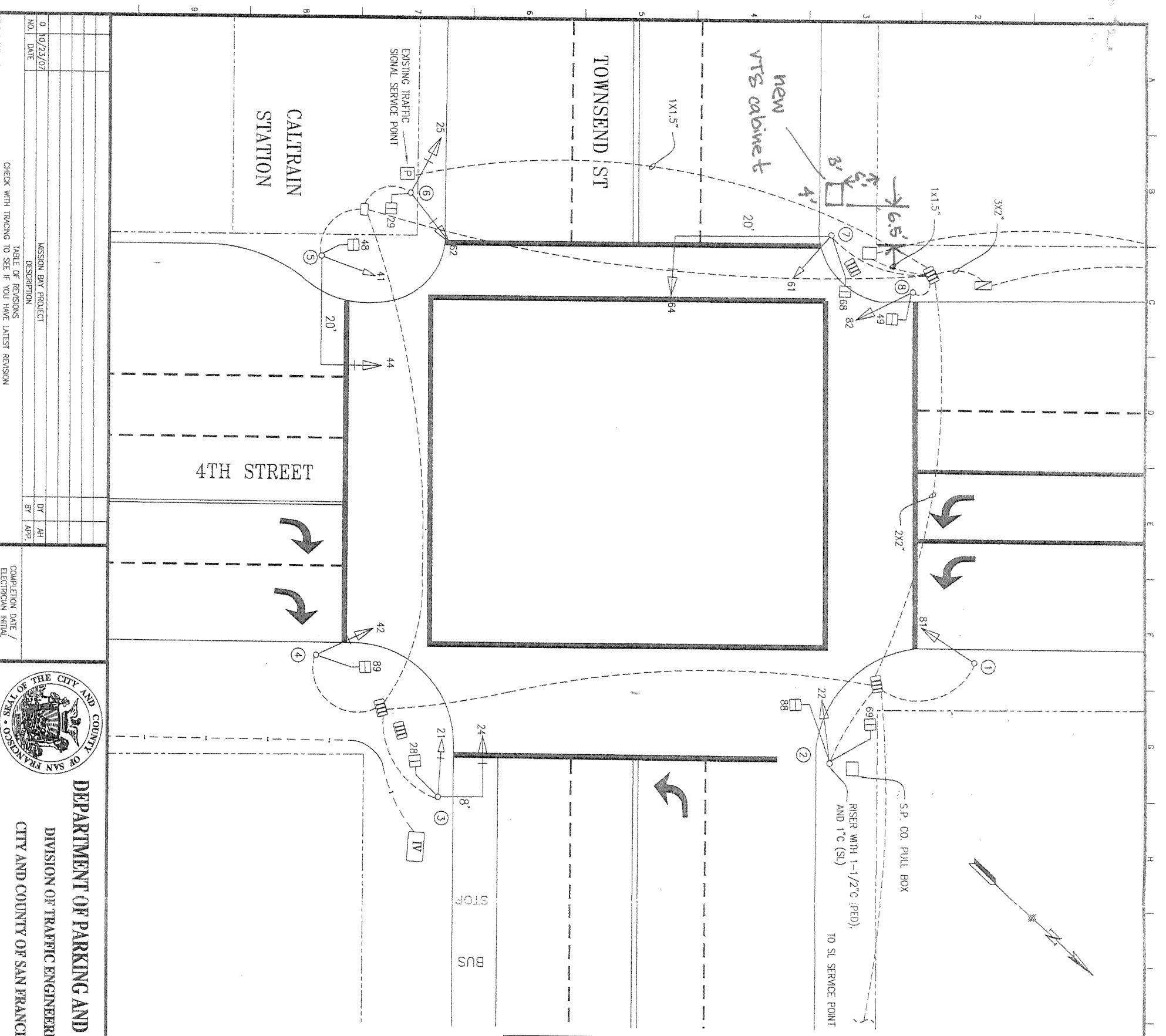
DATE	DESCRIPTION	REV	BY	CHECKED	APPROVED
01/13/2012	ISSUED FOR PRE-FINAL SUBMITTAL	08			
03/01/2011	ISSUED FOR RFS DESIGN SUBMITTAL	0A			
01/26/2011	FOR RFS DESIGN SUBMITTAL	0A			

DESIGNED	R. ALMEIDA
SYSTEM ARCHITECT	M. BAILEY
REVIEWED	M. BAILEY
APPROVED	

HNTB-B&C		B&C TRANSIT INC.	
JOINT VENTURE		CITY AND COUNTY OF SAN FRANCISCO	
		MUNICIPAL TRANSPORTATION AGENCY	
		APPROVED	
		DIRECTOR OF TRANSPORTATION	

CONTRACT NO.	1256
CONTRACTOR	SG-156
DATE	08

WARNING: THIS SECTION CONTAINS SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 48 CFR PARTS 15 AND 1501. NO PART OF THIS SECTION MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE OFFICE OF TRANSPORTATION SECURITY ADMINISTRATION OR THE SECRETARY OF TRANSPORTATION. UNAUTHORIZED DISSEMINATION OF THIS INFORMATION IS PROHIBITED.



POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			REMARKS		
			No.	TYPE	MOUNTING	VISIONS	LOUVERS	No.		TYPE	MOUNTING
①	MINI COMBO POLE		81	3S12TRV	SV-1-T			88	1S-C	SP-2-T-SF	BOTH MOUNTINGS CONNECTED TOGETHER VIA EXTERNAL CONDUIT
②	MINI COMBO POLE		22	3S12*	SV-1-T			69	1S-C		
③	MINI COMBO POLE MISSION BAY STYLE W/ 8' MA		24 21	3S12* 3S8*	MAS SV-1-T			28	1S-C	SP-1	
④	MINI COMBO POLE MISSION BAY STYLE		42	3S12*	SV-1-T			89	1S-C	SP-1	
⑤	16-1-70 WITH 20' MA		44 41	3S12* 3S8*	MAS SV-1-T			48	1S-C	SP-1	
⑥	1-A (10')		25 62	3S12* 4S12GUA	TV-2-T			29	1S-C	SP-1	
⑦	17-1-70 W/ 20' MA		64 61	4S12GUA 3S8*	MAS SV-1-T			68	1S-C	SP-1	
⑧	1-A (10')		82	3S12TRV	TV-1-T			49	1S-C	SP-1	

NOTE: 3S12TRV CONSISTS OF RED BALL, YELLOW BALL, AND A FLASHING YELLOW BALL.

NOTE:
 1. SIGNALS SWITCHED OVER ON 10/23/2007
 2. CABINET FOUNDATION TYPE: M-SF



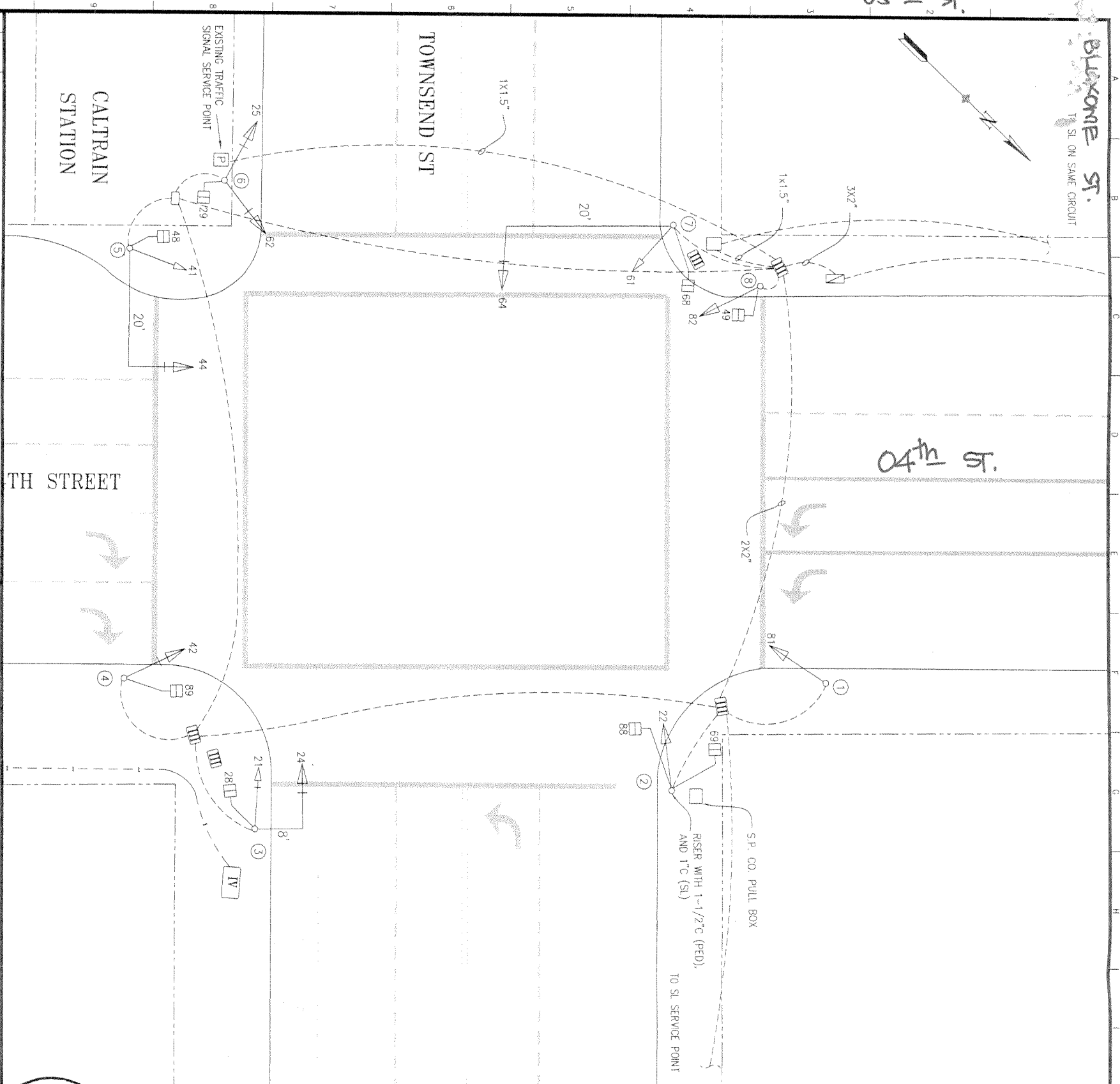
DEPARTMENT OF PARKING AND TRAFFIC
 DIVISION OF TRAFFIC ENGINEERING
 CITY AND COUNTY OF SAN FRANCISCO

DRAWN: DATE: SCALE:
 DY 7/12/07 1" = 10'
 CHECKED: DATE: SHEET OF SHEETS
 AH 7/12/07 1 OF 1

TRAFFIC SIGNAL INVENTORY DIAGRAM
 4TH ST AND TOWNSEND STREET
 CMM NO. 23821000
 REV. NO. 0

05th ST.

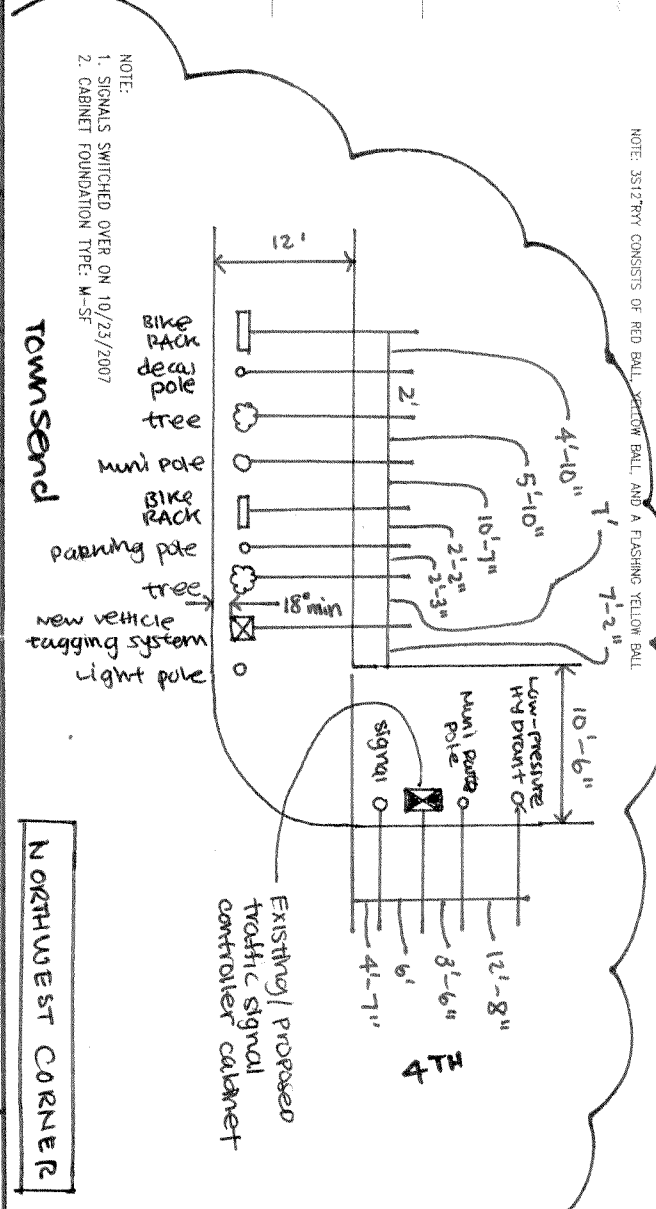
BLOSSOME ST.
18' SL. ON SAME CIRCUIT



POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL		REMARKS			
			No.	TYPE	MOUNTING	VISORS	LOUVERS		No.	TYPE	MOUNTING
1	MINI COMBO POLE		81	3S12TRV	SV-1-1						
2	MINI COMBO POLE		22	3S12*	SV-1-1			88	1S-C	SP-2-1-SF	BOTH MOUNTINGS CONNECTED TOGETHER VIA EXTERNAL CONDUIT
3	MINI COMBO POLE W/ 8' MA		24 21	3S12* 3S8*	MAS SV-1-1			28 69	1S-C	SP-1	
4	MINI COMBO POLE MISSION BAY STYLE		42	3S12*	SV-1-1			89	1S-C	SP-1	
5	16'-1-70 W/ 20' MA		44 41	3S12* 3S8*	MAS SV-1-1			48	1S-C	SP-1	
6	1-A (10')		25 62	3S12* 4S12OLA	TV-2-1			29	1S-C	SP-1	
7	17'-1-70 W/ 20' MA		64 61	4S12OLA 3S8*	MAS SV-1-1			68	1S-C	SP-1	
8	1-A (10')		82	3S12TRV	TV-1-1			49	1S-C	SP-1	

NOTE: 3S12TRV CONSISTS OF RED BALL, YELLOW BALL, AND A FLASHING YELLOW BALL.

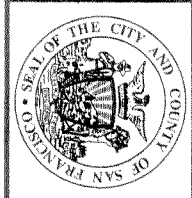


NORTHWEST CORNER

NO.	DATE	DESCRIPTION
0	10/23/07	MISSION BAY PROJECT

CHECK WITH TRACKING TO SEE IF YOU HAVE LATEST REVISION

BY	DATE	COMPLETION DATE / ELECTRICAL INITIAL
AH		

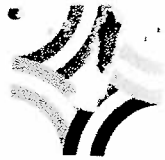


DEPARTMENT OF PARKING AND TRAFFIC
DIVISION OF TRAFFIC ENGINEERING
CITY AND COUNTY OF SAN FRANCISCO

DRWING	DATE	SCALE
DY	7/12/07	1" = 10'

CHECKED	DATE	SHEET OF SHEETS
AH	7/12/07	1 OF 1

TRAFFIC SIGNAL INVENTORY DIAGRAM	OWN NO.
4TH ST AND TOWNSEND STREET	23821000



MEMORANDUM

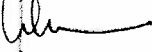
TO: Rene Lopez
Bureau of Street Use and Mapping
1155 Market Street

RECEIVED
BUREAU OF STREET USE & MAPPING

MAY 09 2013

FROM: Chuck Morganson
Central Subway Project
Project Manager – Contract CS-155-3

DEPT OF PUBLIC WORKS

Al Herce 
Central Subway Project
Traffic Engineer – Contract 1253

DATE: May 3, 2013

OK
pmc 7/10/13

SUBJECT: Central Subway Project
Surface Mounted Facility Submittal Package for Train Controller
Cabinet and Traffic Signal Cabinet and Foundation Installation on 4th
Street and King Street

Edwin M. Lee
Mayor

Tom Nolan
Chairman

Cheryl Brinkman
Vice-Chairman

Leona Bridges
Director

Malcolm Heinicke
Director

Jerry Lee
Director

Joél Ramos
Director

Cristina Rubke
Director

Edward D. Reiskin
Director of
Transportation

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (Train Controller Cabinet and Traffic Signal Controller Cabinet and Foundation) on 4th Street and King Street.

The required public notices will be posted after we receive your written approval regarding the proposed SMF location.

If you have any questions, we can be reached at 415-581-5161 (Chuck Morganson) and 415-701-4552 (Al Herce).

Attachments:

1. Pre-Site Visit Checklist
2. SFMTA Five Year Plan
3. Cabinet and Foundation Specifications
4. Detailed Drawing of Proposed SMF Location
5. Photographs of Proposed SMF Location
6. Proposed Public Notice

AH: dc

One South Van Ness Ave.
Seventh Floor
San Francisco, CA 94103

Tele: 415.701.4500

www.sfmta.com





EXHIBIT A PRE-SITE VISIT CHECKLIST City and County of San Francisco

Department of Public Works

Bureau of Street-use and Mapping

Surface-Mounted Facility Pre-Site visit Checklist

Applicant Name: Municipal Transportation Agency ADDRESS: 651 Brannan Street, S.F., CA 94107
Contact Name: Chuck Morganson TEL. NO.: (415) 581-5161
Date: May 3, 2013 Proposed Location: 4th Street and King Street FAX: (415) 701 - 4737

- X__1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- X__2. Verification that cabinet size is consistent with the plans on file.
- X__3. Verification of attempts to place Surface-Mounted Facility on private property (at least 3 locations). Please attach the following:
 - a. Copy of letter mailed to property owners
 - b. Copy of mailing list
 - c. Statement verifying date of mailing
 - d. Copy of responses from property owners
 - e. Verification of attempt to enter into an agreement with any interested property owners
- X__4. Verification of attempts to place Surface-Mounted Facility underground.
- X__5. Verification of attempts to collocate the Surface-Mounted Facility.
- X__6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- X__7. Verification that proposed locations conforms to the placement guidelines.
- X__8. Verification that an existing Surface-Mounted Facility could/could not be removed.

ITEM NOS. _____ not required.
 Request for site visit is accepted AND Site visit is scheduled
 for: _____, 2013 with: Chuck Morganson / Al Herce Tel. No.: 415-581-5161 or
 415-701-4552

Request for site visit is denied

Site visit not required because:

Proposed location for the new train controller cabinet and traffic signal controller cabinet is o.k.

Reviewed By Rene Lopez RM 7/10/19 Tel. No.: (415) 554-6201

NOTE: PLEASE START THE 20-DAY NOTIFICATION.

VERIFICATION STATEMENTS OF PRE-SITE VISIT CHECKLIST (EXHIBIT A)

1. STATEMENT REGARDING 5-YEAR PLAN

See attached copy of SFMTA's Five Year Plan.

2. STATEMENT REGARDING CABINET SIZE

Attached are the specifications for the train controller cabinet and traffic signal controller cabinet and foundation.

3. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY ON PRIVATE PROPERTY

Because of the purpose, function and special requirements of the train controller cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train controller cabinets and traffic signal controller cabinets cannot be placed on private property away from the roadway and they must be fully accessible at all times.

4. STATEMENT REGARDING ATTEMPTS TO PLACE SURFACE-MOUNTED FACILITY UNDERGROUND

Because of the purpose, function and special requirements of the train controller cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train controller cabinets and traffic signal controller cabinets cannot be placed underground where a direct line of sight is not available.

5. STATEMENT REGARDING ATTEMPTS TO COLLOCATE THE SURFACE-MOUNTED FACILITY

There are no other surface-mounted facilities at this intersection that the controller can be collocated with.

6. STATEMENT REGARDING SPECIAL REQUIREMENTS THAT LIMIT THE POSSIBLE LOCATIONS FOR THE SURFACE-MOUNTED FACILITY

Because of the purpose, function and special requirements of the train controller cabinet and traffic signal controller cabinet, their placement is critical to public safety and is limited to the portion of sidewalk as close to the intersection as practical, such that the cabinet is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian traffic as possible. For such reasons, train controller cabinets and traffic signal controller cabinets cannot be placed underground or on private property away from the roadway.

7. STATEMENT REGARDING CONFORMANCE TO PLACEMENT GUIDELINES

The suggested location for the proposed facility is in accordance with DPW's surface-mounted facility placement guidelines, Exhibit B of DPW Order No. 175,566.

8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There is an existing train controller cabinet located in the median just east of 4th Street at the 4th Street and King Street intersection. The new train controller cabinet will be installed within the same median as the existing train controller cabinet. There is an existing traffic signal controller cabinet facing north on the northwest corner of 4th Street and King Street intersection. The existing traffic signal controller cabinet will be removed and the new traffic signal cabinet will be installed on the same footprint. The new traffic signal controller cabinet will use the existing foundation, and a new plate will be installed on top of the foundation to support the new cabinet.

04TH ST	BLUXOME ST intersection	SFWD	14-022	11/1/2014	9/1/2015	304	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	TJPA	DTX	1/3/2014	2/15/2016	773	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	SFPARK	SFpark sensors	2/4/2011	12/31/2015	1791	Under Construction	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	BLUXOME ST to TOWNSEND ST (650 - 699)	PAVING	Central Subway P2-CN1256-ST5	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST intersection	PAVING	Central Subway P2-CN1256-ST5	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	TOWNSEND ST to KING ST (700 - 799)	PAVING	Central Subway P2-CN1256-ST5	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 needs coordination
04TH ST	KING ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013 paving conflict needs coordination
04TH ST	KING ST intersection	PAVING	Central Subway P2-CN1256-ST5	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> paving starts 4/4/2013

[go to 5 Year Plan Planning Projects](#)

5 YEAR PLAN

[download all 5 year plan data](#)

PROJECTS

[download project level data](#)

Street Name KING ST	Utility	Project Name	Coordination Project
show joint opportunities			
SEARCH		RESET	

8 record(s)

locations shaded in gray indicate a paving conflict

sort direction Ascending Descending

street name	limits	utility	project	start date	end date	duration	location phase	flag
KING ST	02ND ST intersection	DPT	SIG MOD CT. 33	4/1/2013	3/31/2014	364	Proposed	• needs coordination
KING ST	02ND ST intersection	STSCAPE	2nd Street Streetscape Improvement Project	7/1/2014	8/30/2015	425	Proposed	
KING ST	02ND ST to 03RD ST (100 - 198) -- NORTH --	SFPARK	Sfpark sensors	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
KING ST	04TH ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	• paving starts 4/4/2013 • paving conflict • needs coordination
KING ST	04TH ST intersection	PAVING	Central Subway P2-CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	• paving starts 4/4/2013 • needs coordination
KING ST	03RD ST to 04TH ST (200 - 298) -- NORTH --	SFPARK	Sfpark sensors	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
KING ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP intersection	DPWTF	5th and King St (paving and storm drain)	1/1/2013	1/1/2014	365	Needs Update	
KING ST	BERRY ST intersection	PAVING	2158J - Slurry Sealing	8/30/2013	11/28/2013	90	Proposed	• paving starts 8/15/2013

project list

filter by street name

-- remove filter --
KING ST

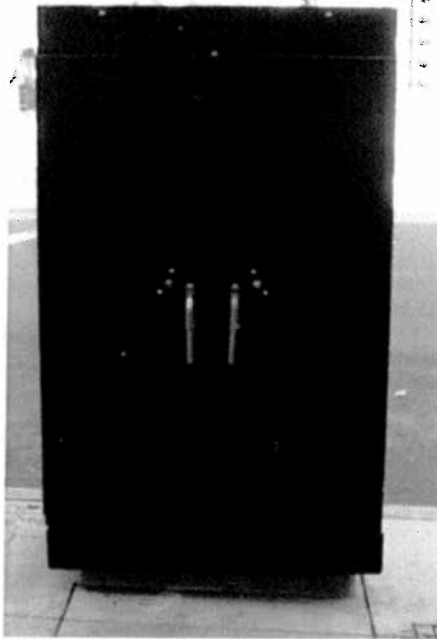
filter by project name

-- remove filter --
2158J - Slurry Sealing
2nd Street Streetscape Imp
5th and King St
Central Subway
Central Subway P2-CN1256
Sfpark sensors
SIG MOD CT. 33

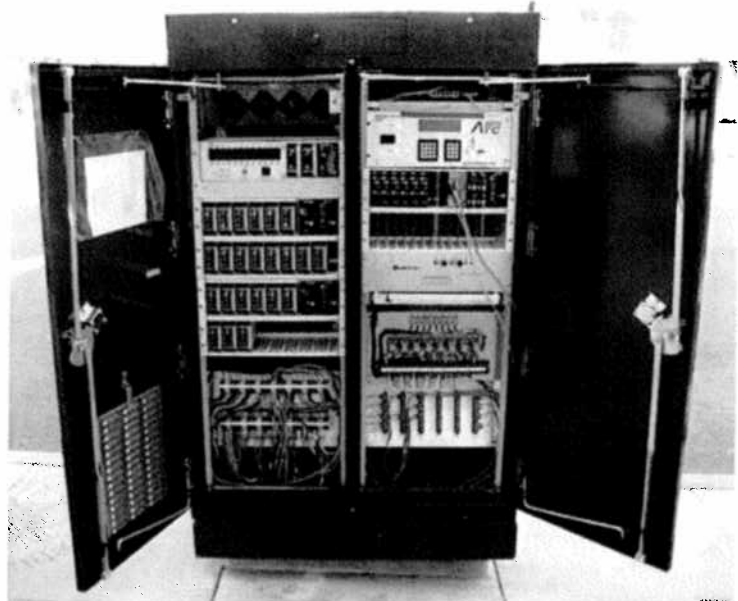
Operator '=' is not defined
'Integer' and type 'DBNu

at
Microsoft.VisualBasic.Cor
(Object Left, Object Righ
TextCompare) at
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(Object sender, GridView
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D:\inetpub\BSMInternet'
788

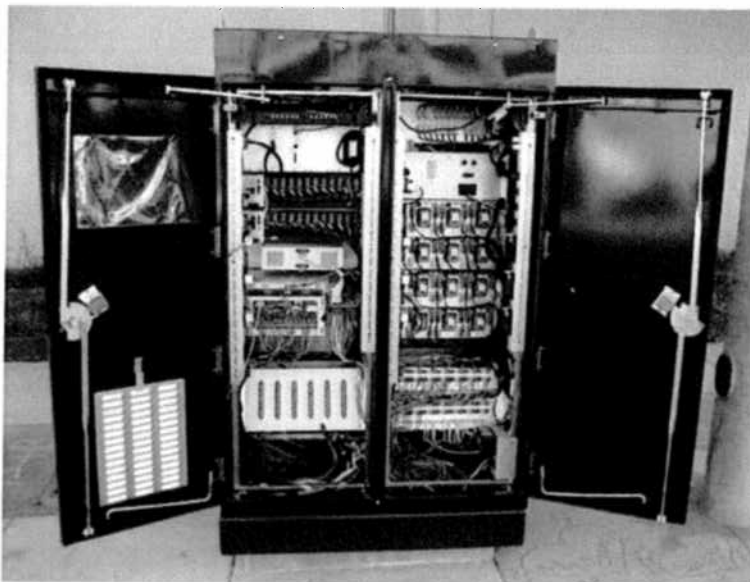
ADD → KING ST. BET. 03rd ST. & 04th ST.
KING ST. BET. 04th ST. & 05th ST.



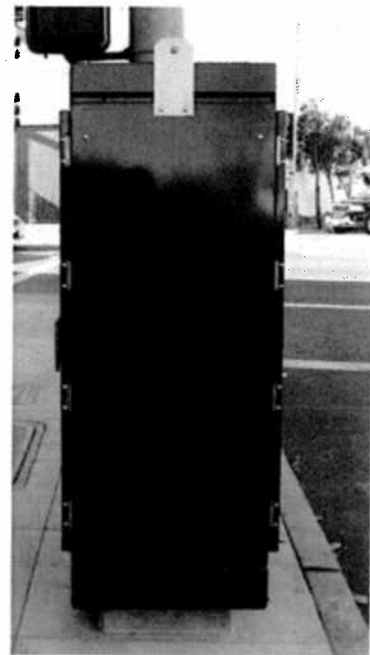
Front (and Back) View



Front View Open



Rear View Open



Side View

d. ITS Type 3 Cabinet (3rd and Cesar Chavez Streets)

ATTACHMENT 3 - TRAFFIC SIGNAL CABINET DIMENSIONS

a. M-SF Cabinet

		Standard Cabinet	Tall Cabinet
External	Height	60"	71"
	Width	36"	36"
	Depth	17"	17"
Door Opening	Height	51"	62"
	Width	34 ¼"	34 ¼"

b. G Cabinet

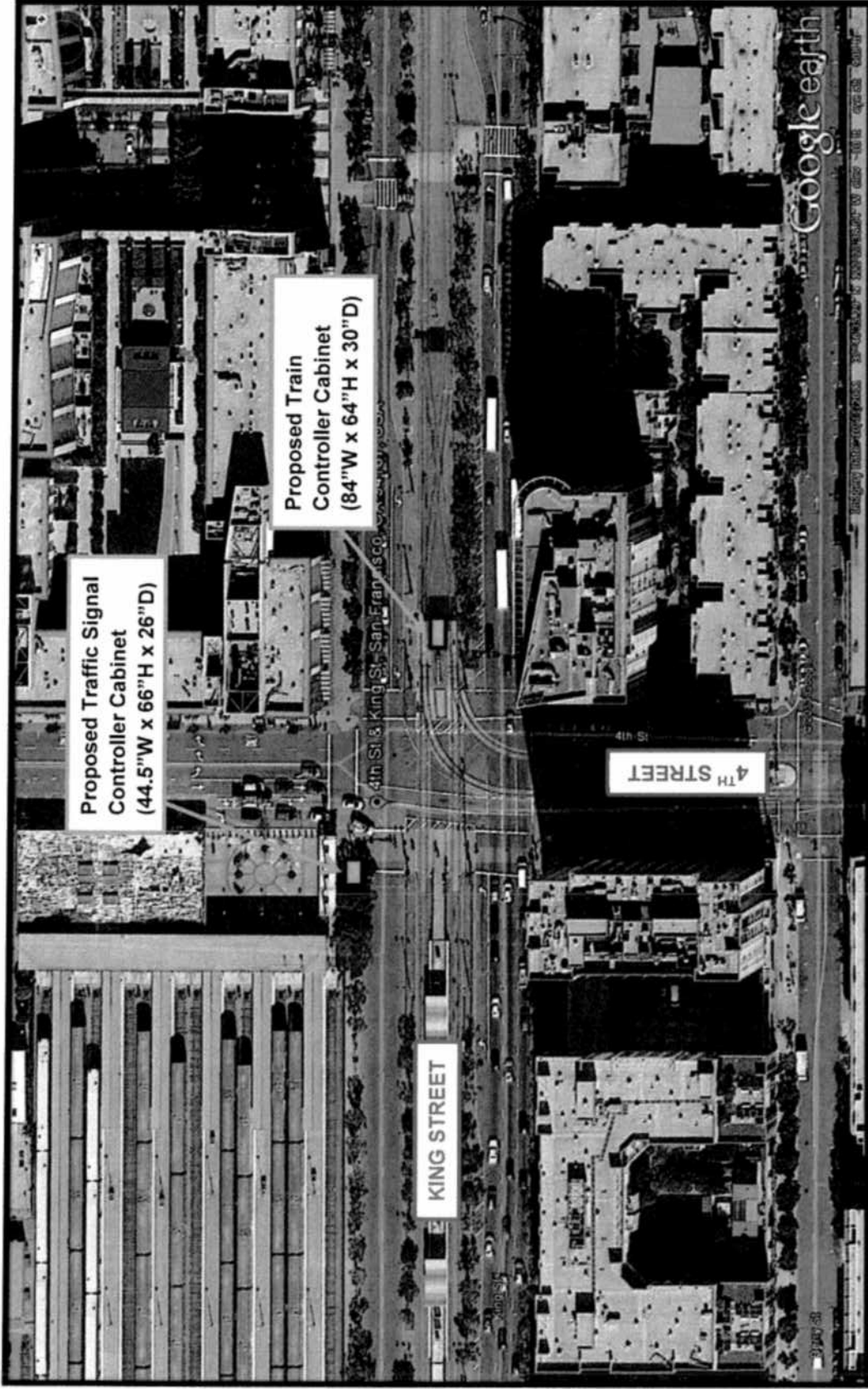
		Pedestal Base	Pedestal Cabinet	Upper Cabinet
External	Height	3"	30"	40"
	Width	17"	20"	24 ½"
	Depth	13"	16"	17 ½"
Door Opening	Height	N/A	28 ¼"	34 ½"
	Width	N/A	18 ¼"	22 ½"

c. ITS Type 3 Cabinet

		Model 340
External	Height	66.38"
	Width	44 ½"
	Depth	26"
Door Opening	Height	56"
	Width	22"

d. ITS Type 1 Cabinet

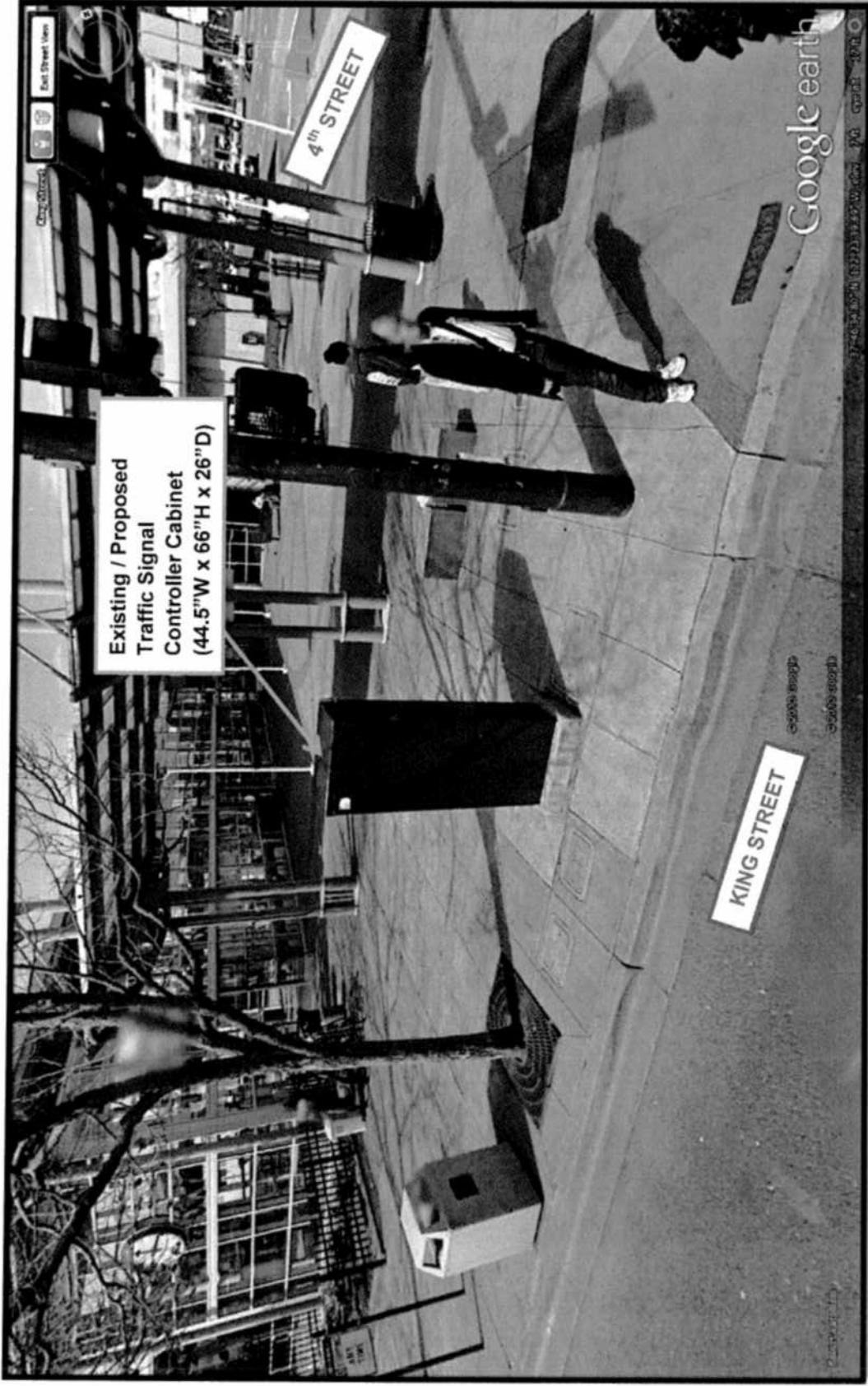
External	Height	66"
	Width	24"
	Depth	30"
Door Opening	Height	58.41"
	Width	24.16"



4th STREET AND KING STREET – AERIAL VIEW



4th STREET AND KING STREET – MEDIAN EAST OF 4th STREET (PROPOSED LOCATION)



4th STREET AND KING STREET – NW CORNER (PROPOSED LOCATION)



FACING EAST



FACING WEST



FACING SOUTH

**4th STREET AND KING STREET – MEDIAN EAST OF 4th STREET
(Proposed Train Controller Cabinet Location)**



LEFT SIDE

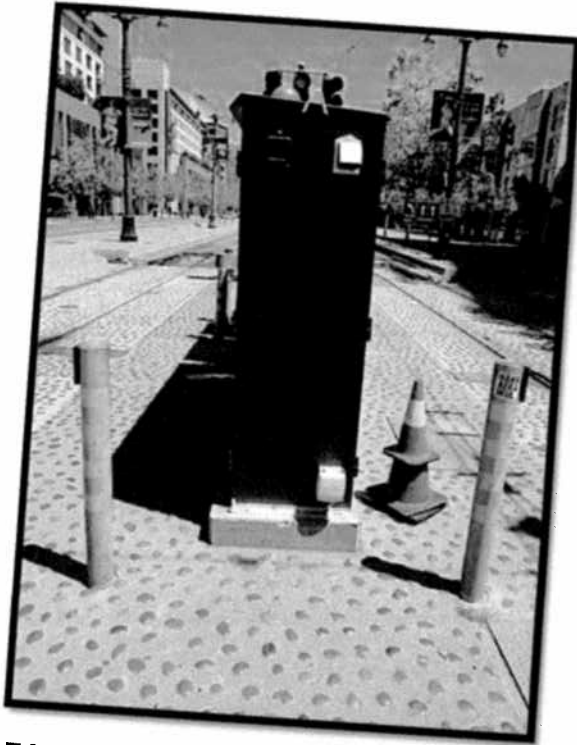


RIGHT SIDE



FRONT SIDE

**4th STREET AND KING STREET – NW CORNER
(Proposed Traffic Signal Controller Cabinet Location)**



FACING EAST



FACING WEST



FACING SOUTH

**4th STREET AND KING STREET – MEDIAN EAST OF 4th STREET
(Existing Traffic Signal Controller Cabinet)**

San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

July 16, 2013

Dear San Francisco Resident:

The SFMTA Sustainable Streets has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a new train controller cabinet and traffic signal controller cabinet on the median east of 4th Street at the 4th Street and King Street intersection. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the train controller cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside with a direct line of sight to as much of the intersection, signal indications, and vehicle and pedestrian traffic as possible, the train controller cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at King Street. The existing traffic signal controller cabinet will be removed and the new traffic controller cabinet will be installed on the same footprint. It would be optimal to locate new train controller cabinets as close to these existing cabinets to avoid relocating the existing cabinets.

Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to smf@sfdpw.org, by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3rd Floor, San Francisco, California 94103-0942 or by fax to (415) 554-6161. You have 20 days from the date of this notice to send written notice of your objection to DPW. DPW will not consider any objection unless it is made within this 20-day period.

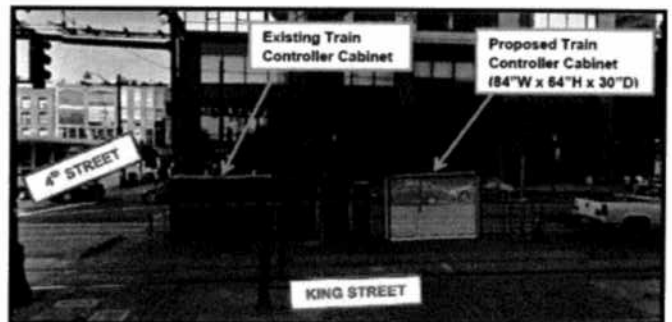
If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should you choose to attend.

Thank you,

Al Herce
San Francisco Municipal Transportation Agency
Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
(415) 701-4552

Train Controller Cabinet is 84"W x 64"H x 30"D;
Concrete Foundation is 88"W x 3"H x 34"D
Total Height (Cabinet, Foundation, and Posts): 67"

Controller Cabinet is 36"W x 60"H x 17"D;
Concrete Foundation is 38"W x 2"H x 19"D
Total Height (Cabinet and Foundation): 62"



San Francisco Municipal Transportation Agency
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103-5417

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May 8, 2013

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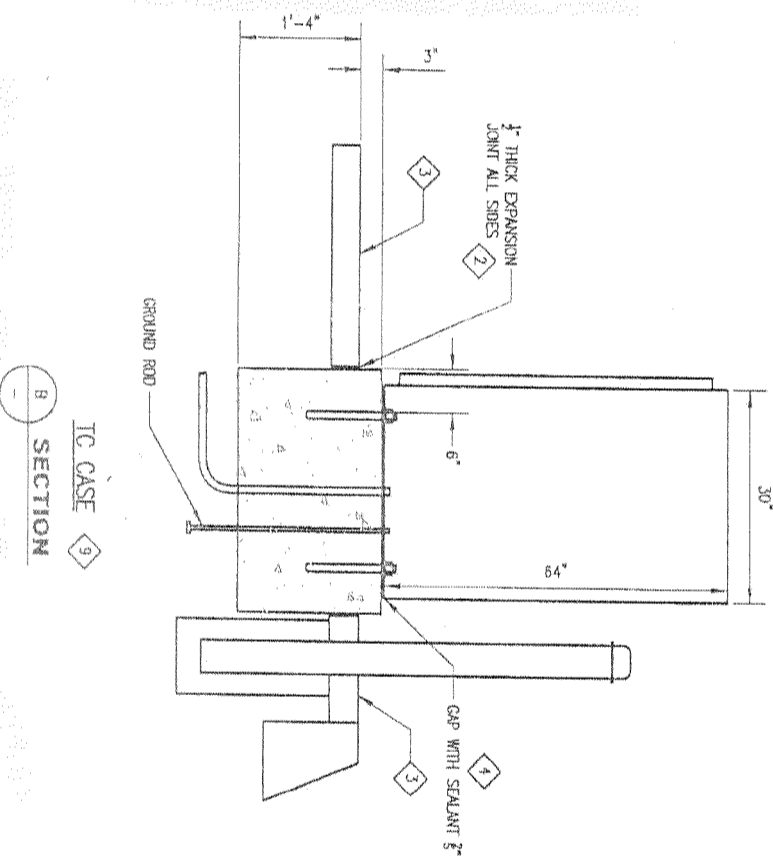
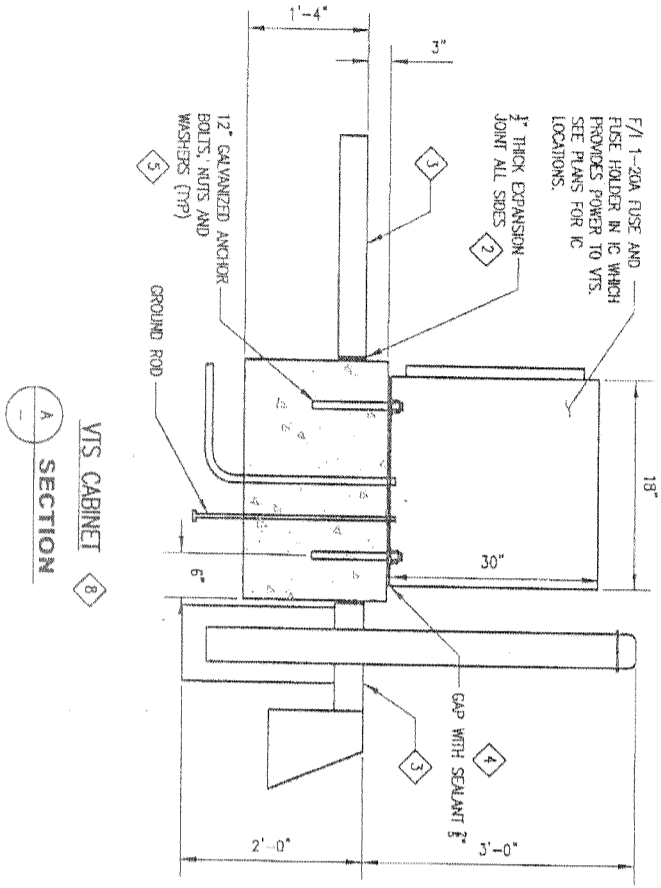
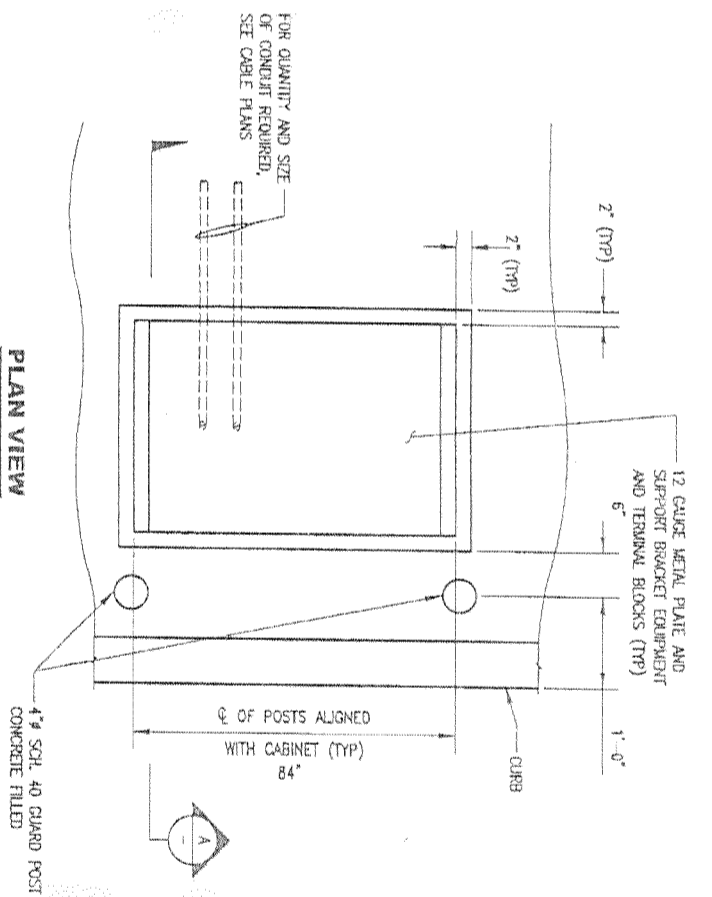
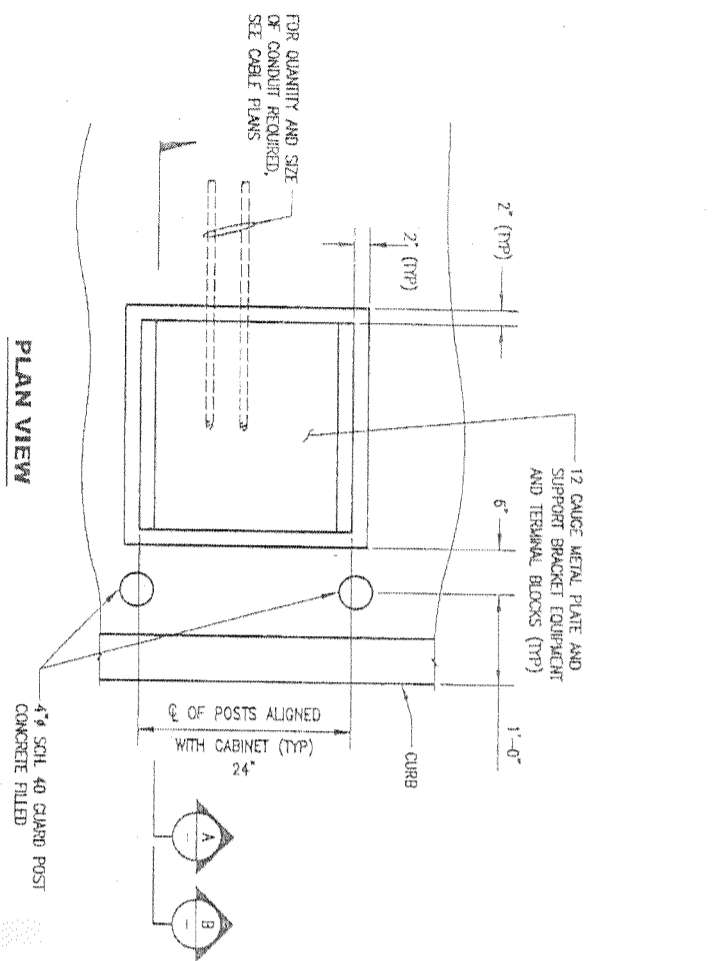
Thank you,

Al Herce
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Central Subway Project
One South Van Ness Avenue, 7th Floor
San Francisco, CA 94103
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Total Height (Cabinet and Foundation): 62"





CABINET INSTALLATION DETAILS

NOTES:

1. CONCRETE SHALL BE CLASS 6.5 - 3500 - 3/4 TYPE II CEMENT, URM, PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - a) CONCRETE MIX DESIGN PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPORTION OF COMPONENTS IN THE MIX:
 - i) BRAND OF CEMENT.
 - ii) SOURCE OF AND GRADATION OF AGGREGATES.
 - iii) WATER-CEMENT RATIO BY WEIGHT.
 - iv) COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
 - b) MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADMIXTURES, JOINT MATERIALS AND SYSTEMS, EMBEDDED TEAS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" FIBER EXPANSION JOINT SHALL BE BITUMINOUS MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION SEALIGHT FIBER EXPANSION JOINT.
3. RECONSTRUCT SIDEWALK TO NEAREST JOINT, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORING 191 SILICONE PERIMETER SEALANT.
5. ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
6. ALL EXPOSED CONCRETE EXCES SHALL HAVE A 20mm CHAMFER.
7. CURING COMPOUND SHALL BE SEALTHIGHT WHITE-PRIMED THAT MEETS ASTM C 309, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.
8. VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
9. TC CASE SHALL BE INSTALLED AT 4TH & RUXKOFER AND 4TH & KING.

DATE	DESCRIPTION	BY	CHECKED
01/13/2012	ISSUED FOR PRE-FINAL SIGNATURE	OB	
02/07/2012	ISSUED FOR 60% DESIGN SIGNATURE	OB	
02/07/2012	ISSUED FOR 60% DESIGN SIGNATURE	OB	
02/07/2012	ISSUED FOR 60% DESIGN SIGNATURE	OB	

HNTB-B&C
 JOINT VENTURE

CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED
 DIRECTOR OF TRANSPORTATION

THIRD STREET LIGHT RAIL PROGRAM
 PHASE 2 - CENTRAL SUBWAY
 SURFACE, TRACK AND SYSTEMS
CABINET INSTALLATION DETAILS

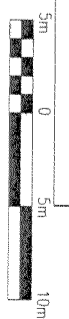
CONTRACT NO. 1256
 SHEET NO. SG-156
 REVISION: 08

POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	LUMINAIRE (HPS) VOLTAGE/WATTS	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING (F/I)	No.	TYPE	MOUNTING (F/I)	
1	MUNI COMBO POLE WITH 12m M.A.	21 24 54 TC	3S12" 3S12" 3S12" LA 1516"x16"	SV-1-T MAS MAS MAS MAT	89	IS-C	SP-1-T	PPB (2) CAMERA	
2	MISSION BAY POLE	85	3S8"	SV-1-T	28	IS-C	SP-1-T	PPB	
3	PPB POST (TYPE 1-A 1.2m)							PPB	
4	PPB POST (TYPE 1-A 1.2m)							PPB	
5	MISSION BAY POLE	41	PV3S12"	SV-1-T	29	IS-C	SP-1-T	PPB	
6	TYPE 1-A (3.05m)	25	3S8" 2S12" T	TV-2-T	48	IS-C	SP-1-T	PPB	
7	MUNI COMBO POLE WITH 16.76m M.A.	44 427 56 12 TC	3S12" 3S12" 3S12" LA 3S12" LA 2S12" T	MAS MAS SV-1-T SV-1-T SV-2-T	40 427 429 426	IS 16" x 16"	DET. 2	PPB SEE DET. CAMERA 3 WITHOUT LRV SIGNALS	
8	TYPE 1-A (1.2m)							PPB	
9	MUNI COMBO POLE	14 61 64 TC	3S12" 3S12" 3S12" LA 1S 16"x16"	SV-1-T SV-1-T MAS MAS MAT	430 428 429 TC	IS-C 16"x16"	DET. 2	PPB	
10	MUNI COMBO POLE WITH 9m M.A.	14 61 64 TC	3S12" 3S12" 3S12" LA 1S 16"x16"	SV-1-T SV-1-T MAS MAS MAT	49		SP-1-T	PPB CAMERA	
11	MUNI COMBO POLE	45	3S8"	SV-1-T	68	IS-C	SP-1-T	PPB	
12	MISSION BAY POLE	81	PV3S12"	SV-1-T	69	IS-C	SP-1-T	PPB	
13	MUNI COMBO POLE	65	3S8"	SV-1-T	88		SP-1-T	PPB (2)	
14	MUNI COMBO POLE WITH 16.76m M.A.	16 50 84 TC	3S12" 3S12" 3S12" LA 3S12" LA 1S 16"x16"	SV-1-T SV-1-T SV-1 MAS MAS MAT MAT SV-1	828 829 TC	IS-C 16"x16"	DET. 1	PPB SEE DET. CAMERA 3	
15	MUNI COMBO POLE	80	2S12" T 2S12" T	SV-1 SV-1				DET. 1	PPB

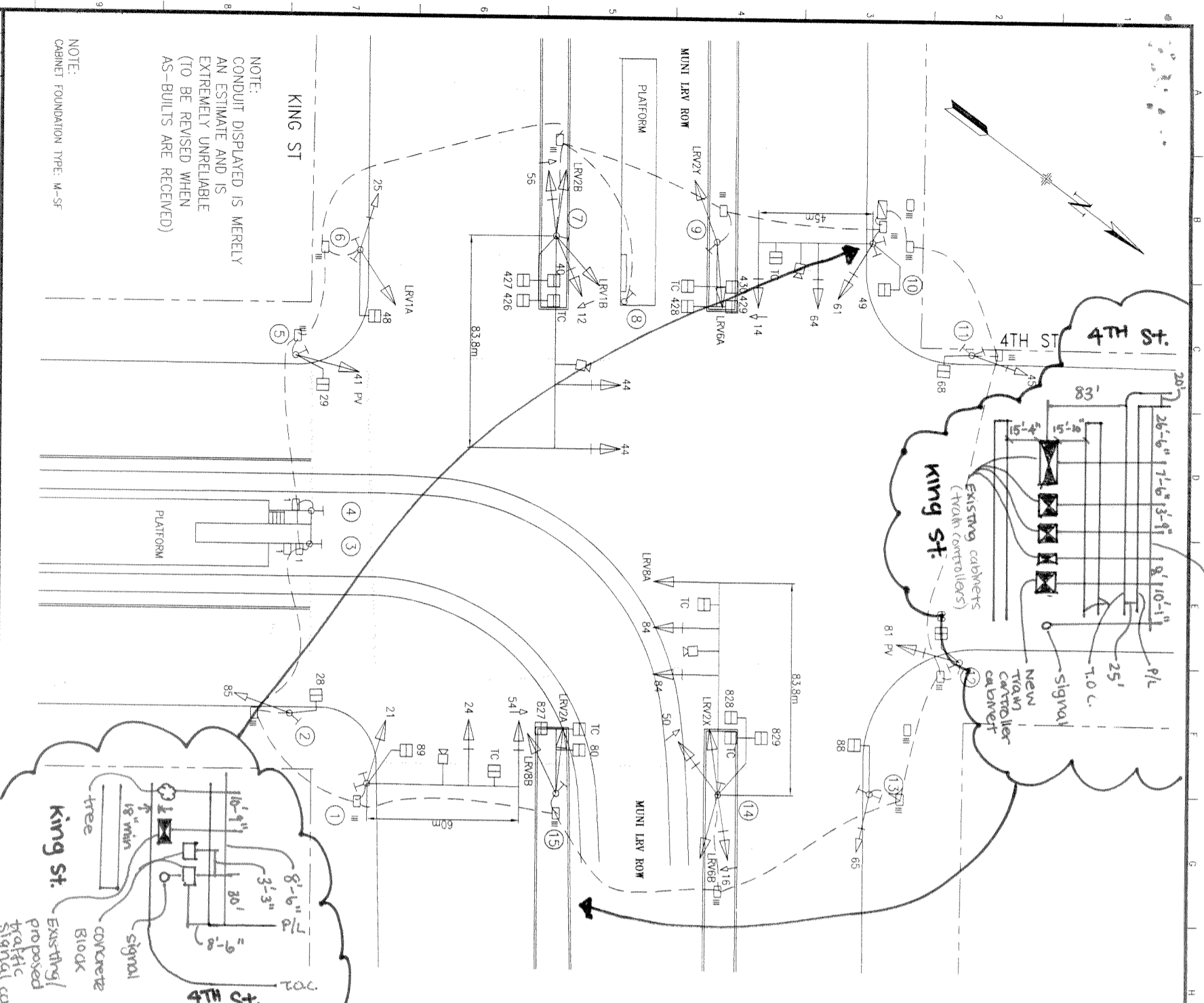
M.A. = MAST ARM

king st. tree
Existing/ proposed traffic signal controller



NOTE:
CONDUIT DISPLAYED IS MERELY AN ESTIMATE AND IS EXTREMELY UNRELIABLE (TO BE REVISED WHEN AS-BUILTS ARE RECEIVED)

NOTE:
CABINET FOUNDATION TYPE: M-SF



NO.	DATE	DESCRIPTION	BY	APP.
1	7/25/06	TRAFFIC SIGNAL UPGRADE FOR THIRD STREET LIGHT RAIL CT#MR-1141	AAI	AAI

COMPLETION DATE / ELECTRICAL INITIAL



DEPARTMENT OF PARKING AND TRAFFIC
DIVISION OF TRAFFIC ENGINEERING
CITY AND COUNTY OF SAN FRANCISCO

DATE	SCALE
7/06	1:200

TRAFFIC SIGNAL INVENTORY DIAGRAM
4TH AND KING STS INTERSECTION

CHK. NO.	REV. NO.
23798000	



(415) 554-5810
FAX (415) 554-6161
http://www.sfdpw.org

Department of Public Works
Bureau of Street-Use and Mapping
1155 Market St, 3rd Floor
San Francisco, CA 94103

14SMF-0013

Surface Mounted Facility Permit

Address : KING ST: 04TH ST to
05TH ST \ I-280 N OFF RAMP \ I-
280 S ON RAMP (301 - 399) --
SOUTH --

Cost: \$150.00

Block: Lot: Zip:

Permittee

Name: Tutor Perini Corporation

Address: 15901 Olden Street Sylmar, CA 91342

Contact: Jim Nies

Phone: (818) 314-2557

Permit FrontPage Conditions

Note: Your application to install a new traffic signal controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: King St. between 04th St. to 05th St. (north side).]

The undersigned Permittee hereby agrees to comply with all requirements and conditions noted on this permit

Approved Date : 02/06/2014

Applicant/Permittee

Date

Printed : 6/16/2014 11:39:43 AM Plan Checker

Rene Lopez

"IMPROVING THE QUALITY OF LIFE IN SAN FRANCISCO" We are dedicated individuals committed to teamwork, customer service and continuous improvement in partnership with the community.

Customer Service

Teamwork

Continuous Improvement

Permit Addresses

14SMF-0013

*RW = RockWheel, SMC = Surface Mounted Cabinets, S/W = Sidewalk Work, DB = Directional Boring,
BP= Reinforced Concrete Bus Pad, UB = Reinforced Concrete for Utility Pull Boxes and Curb Ramps

Number of blocks: 1 Total repair size:0 sqft Total Streetspace: Total Sidewalk: sqft

ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	KING ST	04TH ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
Total						0	0		

Exceptions

14SMF-0013

Street Name	From St	To St	Message	Job	Contact	Dates
KING ST						
	04TH ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP - SOUTH	Conflict with existing Street Use Permit.	13SW-0010	Refer to Agent - Refer to Agent	
	04TH ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP - SOUTH	DPT Blue Book Traffic Restriction. Time of day during which lanes must be kept clear: NORTH 7AM - 9AM 3PM - 7PM MONDAY THROUGH FRIDAY // SOUTH 7AM - 9AM 3PM - 7PM MONDAY THROUGH FRIDAY	N/A		
	04TH ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP - SOUTH	Mission Bay.	N/A		
	04TH ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP - SOUTH	Muni Tracks Present.	N/A		
	04TH ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP - SOUTH	No construction allowed in streets on game days at PacBell Park 2 hours before and until 2 hours after events. Day event hours:10am-6pm. Night event hours: 4pm-Midnight. Call 415-972-2000ext0 for more information.	N/A		

No Diagram submitted