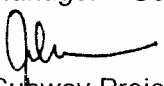




**MEMORANDUM**

**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 3, 2013

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

RECEIVED  
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS

OK  
pml 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 and Traffic Signal Controller Cabinet and Foundation**) on 4<sup>th</sup> 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



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

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

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	DPWITF	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

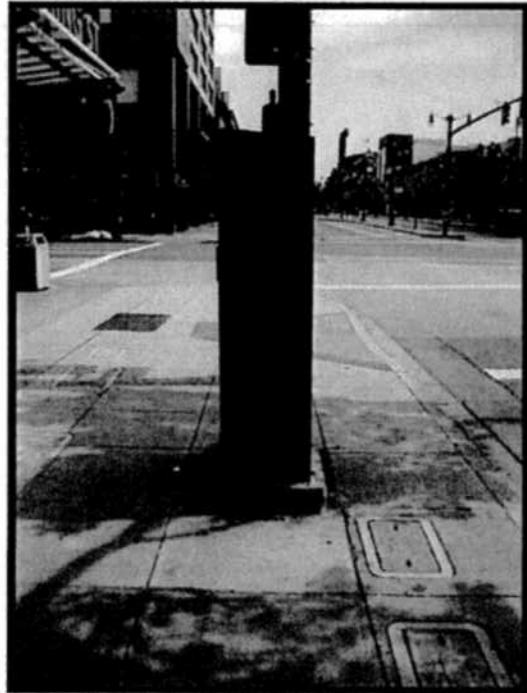
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2158J - Slurry Sealing  
2nd Street Streetscape Imp  
5th and King St  
Central Subway  
Central Subway P2-CN1256  
SFpark sensors  
SIG MOD CT. 33

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(Object Left, Object Righ  
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e) in  
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788

ADD → KING ST. BET. 03<sup>rd</sup> ST. & 04<sup>th</sup> ST.  
KING ST. BET. 04<sup>th</sup> ST. & 05<sup>th</sup> ST.



**LEFT SIDE**

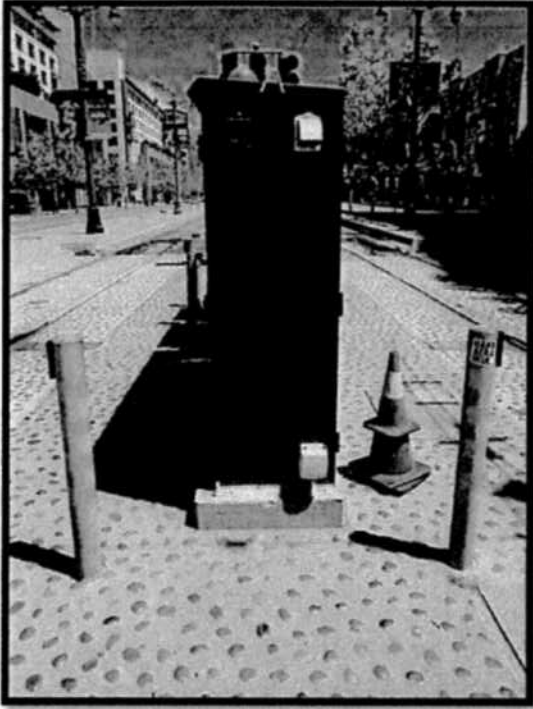


**RIGHT SIDE**



**FRONT SIDE**

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



FACING EAST



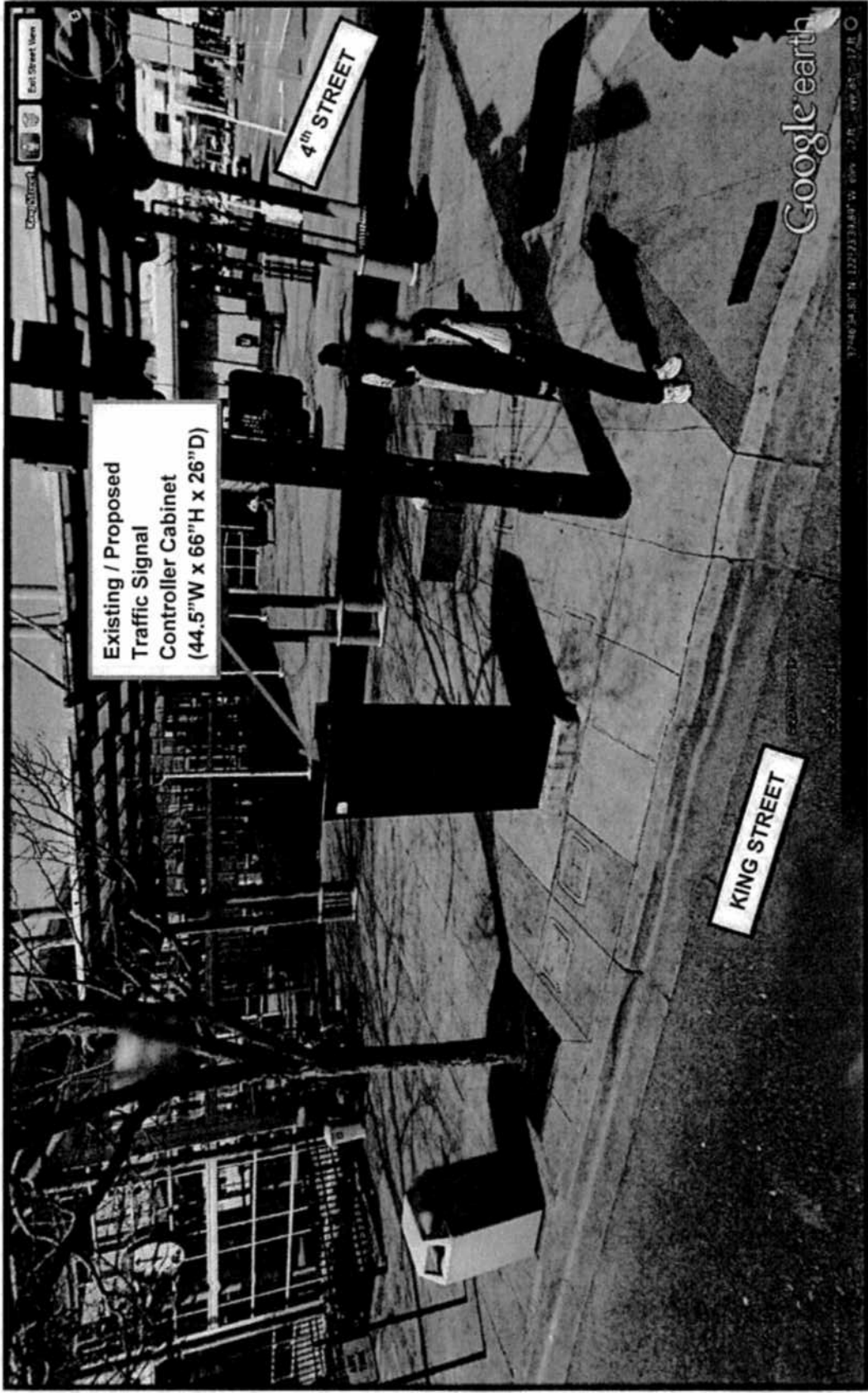
FACING WEST



FACING SOUTH

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





4<sup>th</sup> STREET AND KING STREET – NW CORNER (PROPOSED LOCATION)



**FACING EAST**

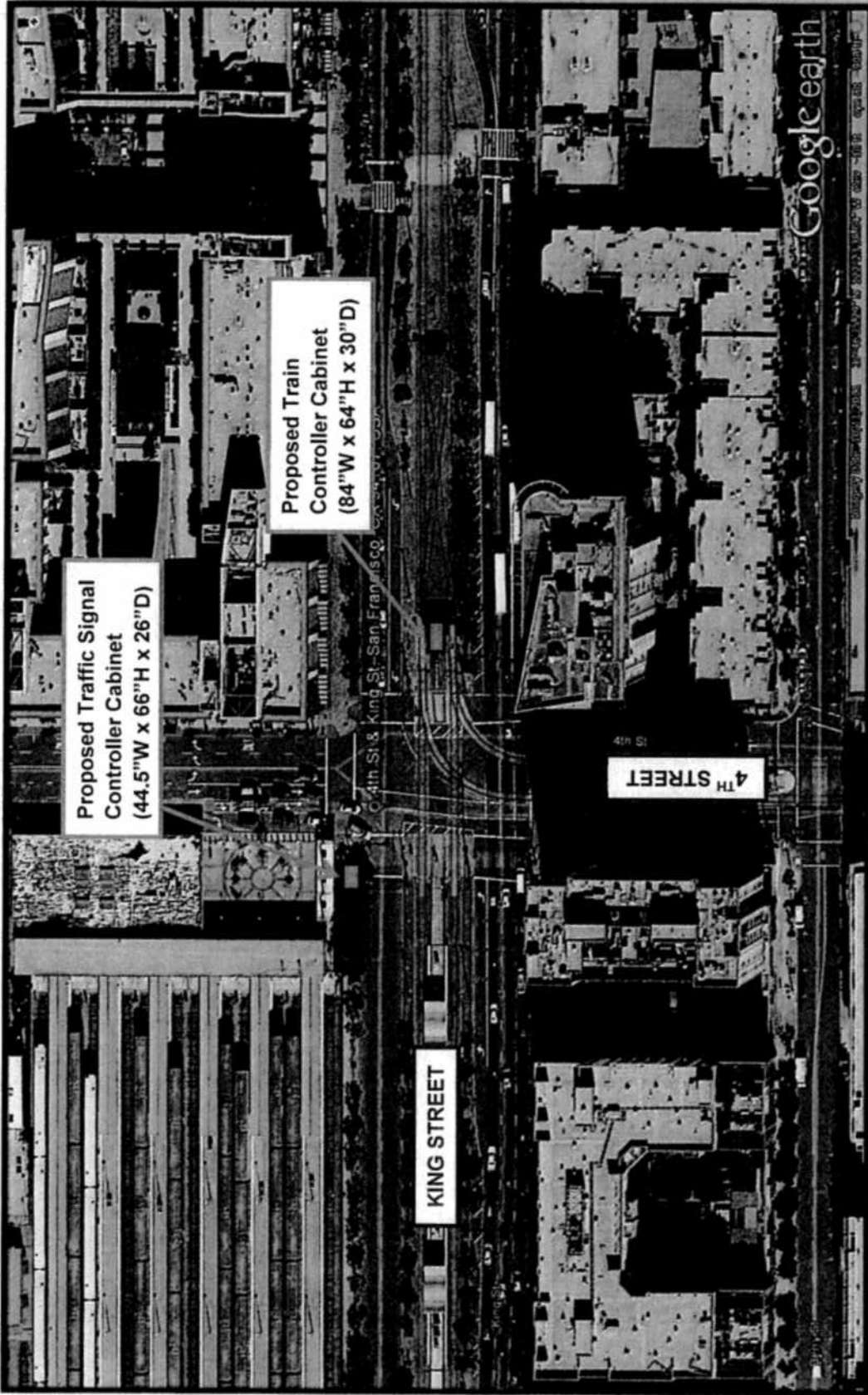


**FACING WEST**



**FACING SOUTH**

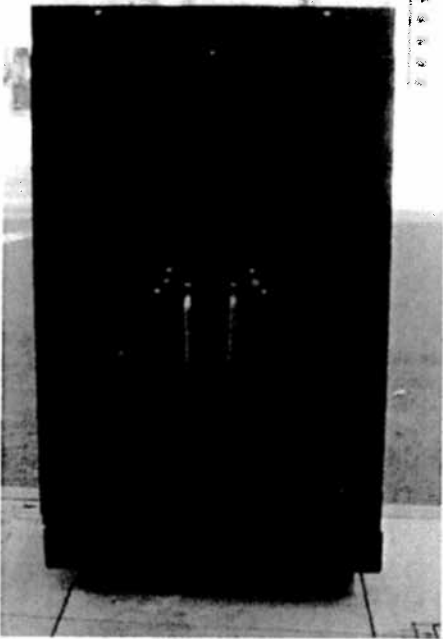
**4<sup>th</sup> STREET AND KING STREET – MEDIAN EAST OF 4<sup>th</sup> STREET  
(Proposed Train Controller Cabinet Location)**



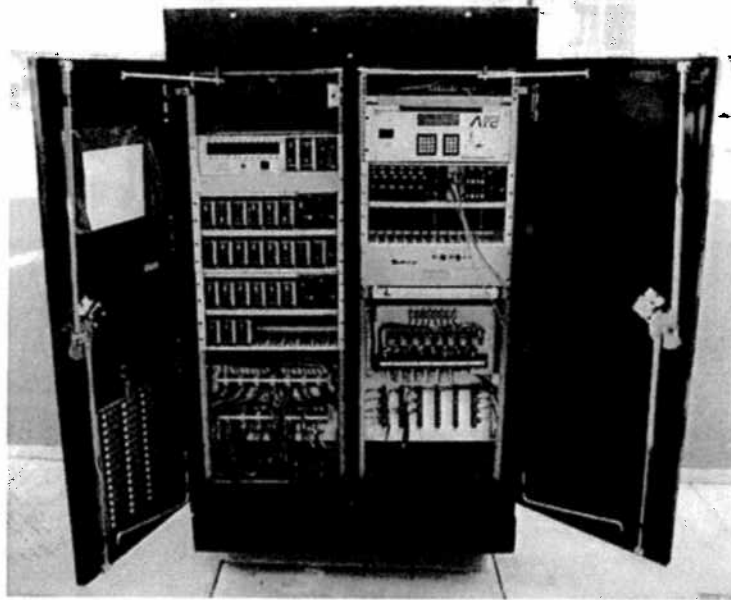
4<sup>th</sup> STREET AND KING STREET – AERIAL VIEW



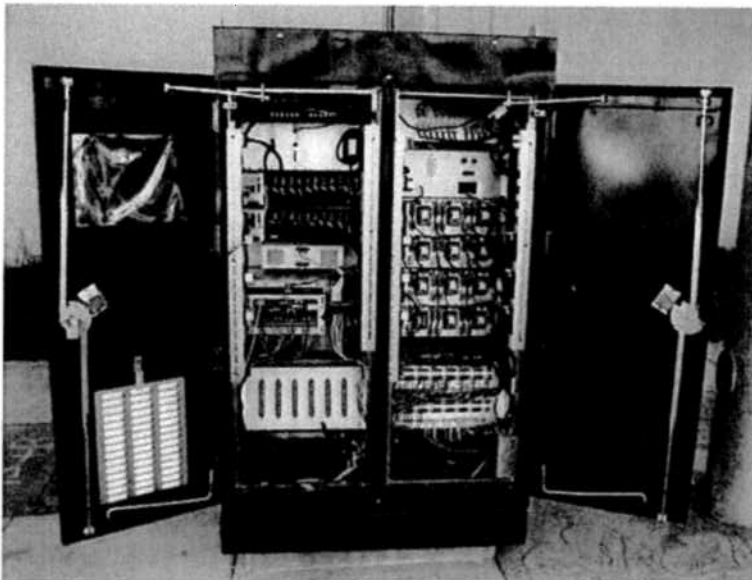
4<sup>th</sup> STREET AND KING STREET – MEDIAN EAST OF 4<sup>th</sup> STREET (PROPOSED LOCATION)



Front (and Back) View



Front View Open



Rear View Open



Side View

d. ITS Type 3 Cabinet (3<sup>rd</sup> 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"

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 Switch Controller**  
**Cabinet Installation on 4<sup>th</sup> Street and King Street**

*OK  
 PML 4/9/13  
 w/ COMMENTS m  
 Syn. plan, NOTICE  
 E. DWG. ALSO, PML  
 WE REMOVING THE  
 OLD TRAIN CONTROL  
 CABINET FROM  
 INSTALLING  
 THE NEW  
 ONE*

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Train Control Cabinet) on 4<sup>th</sup> 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, 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: **4<sup>th</sup> Street at King 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 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

The existing controller cabinet is currently in the same median area. Once the new controller cabinet is installed, then the old controller cabinet will be removed. ?

ARE WE PERMITTING TO THE THIN CONTROLLER CABINET?

- IS THIS THE EXISTING SIGNAL CONTROLLER CABINET?  
OR THIN CONTROLLER CABINET?
- WHY ON THE PHOTO, IT SHOWS EXISTING THIN CONTROLLER CABINETS → ALL TO REMOVE

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	SEWER	1/1/2017	1467JB	365
05TH AVE	END to LAKE ST (1 - 99)	RAMPS	1/3/2011	1794J MOD FY10-11 Curb Ramps	270
05TH AVE	LAKE ST intersection	SEWER	7/1/2017	N/A	20
05TH AVE	CALIFORNIA ST intersection	DPT	7/1/2013	Traffic Calming - Circles	364
05TH AVE	CALIFORNIA ST to CORNWALL ST (190 - 199)	DPT	6/1/2011	Continental Crosswalks	1175
05TH AVE	CLEMENT ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
05TH AVE	GEARY BLVD intersection	NEWSRACK	6/1/2011	Clement St CGS	122
		PAVING	7/1/2024	Clement St Pavement Renovation	150
05TH AVE	GEARY BLVD to ANZA ST (400 - 499)	NEWSRACK	10/1/2011	Geary Bl A CGS	366
05TH AVE	BALBOA ST to CABRILLO ST (600 - 699)	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
05TH AVE	CABRILLO ST intersection	SEWER	7/1/2014	N/A	20
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	6/1/2011	Continental Crosswalks	1175
		PAVING	7/1/2012	Pavement Renovation- Fulton St	150
		DPT	1/1/2015	TEP Implementation	364
05TH AVE	IRVING ST intersection	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
05TH AVE	JUDAH ST \ PARNASSUS AVE intersection	PAVING	7/1/2014	Pavement Renovation- Irving St	150
05TH AVE	JUDAH ST \ PARNASSUS AVE to KIRKHAM ST (1400 - 1499)	PAVING	11/1/2011	1747J	145
05TH AVE	KIRKHAM ST to END (1500 - 1599)	PAVING	7/1/2012	BSSR	120
05TH ST	CYRIL MAGNIN ST \ MARKET ST intersection	SEWER	7/1/2015	N/A	20
05TH ST	CYRIL MAGNIN ST \ MARKET ST to STEVENSON ST (1 - 32)	PAVING	1/1/2015	1603J	151
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
		DPT	7/1/2011	MTA BIKE PLAN	365

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
KEITH ST	FITZGERALD AVE intersection	PAVING	7/1/2016	Fitzgerald\Gilman\Hawes Pavement Renovation	150
KEITH ST	JAMESTOWN AVE intersection	SEWER	4/30/2012	1272J	214
KEITH ST	KEY AVE intersection	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEITH ST	END to LE CONTE AVE (3400 - 3499)	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEITH ST	LE CONTE AVE intersection	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEITH ST	SAN BRUNO AVE intersection	PAVING	7/1/2012	San Bruno Ave Pavement Renovation	150
KELLOCH AVE	SCHWERIN ST intersection	SEWER	8/1/2012	1274J	365
KEMPTON AVE	ALEMANY BLVD intersection	SEWER PAVING	7/1/2011 7/1/2013	N/A Pavement Renovation - Alemany Blvd	20 150
KENNY ALY	MISSION ST intersection	DPT	9/30/2011	Traffic Calming - Arterials	458
KENSINGTON WAY	MIRALOMA DR \ PORTOLA DR intersection	DPT PGE	6/1/2011 5/1/2013	Reopening Closed Crosswalks +Portola 2	580 244
KENSINGTON WAY	MIRALOMA DR \ PORTOLA DR to ULLOA ST (1 - 99)	PAVING PGE	4/1/2012 4/1/2013	BSSR Portola 1	120 90
KENSINGTON WAY	ULLOA ST intersection	PGE	4/1/2013	Portola 1	90
KENSINGTON WAY	PUBLIC PARK \ VASQUEZ AVE intersection	PGE	8/1/2012	Miraloma Park 2	152
KENSINGTON WAY	PUBLIC PARK \ VASQUEZ AVE to MERCED AVE (301 - 355) -- SOUTH --	PGE	12/1/2011	30482189	29
KENSINGTON WAY	MERCED AVE intersection	PGE	8/1/2012	Miraloma Park 2	152
KENSINGTON WAY	MERCED AVE to CLAREMONT BLVD \ DEWEY BLVD \ MONTALVO AVE \ TARAVAL ST (300 - 399)	PAVING	4/1/2012	BSSR	120
KENSINGTON WAY	CLAREMONT BLVD \ DEWEY BLVD \ MONTALVO AVE \ TARAVAL ST intersection	RAMPS	1/3/2011	1794J MOD FY10-11 Curb Ramps	270
KENWOOD WAY	WESTGATE DR intersection	PGE	12/1/2011	Westgate	212
KERN ST	BROMPTON AVE intersection	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
KEY AVE	KEITH ST intersection	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEYSTONE WAY	OCEAN AVE intersection	SEWER	11/1/2012	N/A	20
KIMBALL PL	SACRAMENTO ST intersection	PAVING	7/1/2013	Pavement Renovation- Sacramento St	150
KING ST	02ND ST intersection	DPWGREEN DPT	6/13/2012 7/1/2012	Great Streets - 2nd Street SIG MOD CT. 33	433 487
KING ST	03RD ST intersection	DPT	1/1/2012	Proposed APS (Prop K 10/11)	244
KING ST	02ND ST to 03RD ST (100 - 198) -- NORTH --	SFPARK PGE	2/4/2011 7/25/2011	Sfpark sensors 30853565	696 4
KING ST	04TH ST intersection	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	492 913 365
KING ST	03RD ST to 04TH ST (200 - 298) -- NORTH --	SFPARK	2/4/2011	Sfpark sensors ?	696
KING ST	04TH ST to 05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP (301 - 399) -- SOUTH --	DPT	8/1/2011	SFgo Parking Guidance and Pavement Renovation	366
KING ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP intersection	PGE	1/3/2012	30752110	4

ADD → KING ST. BET. 03rd ST. TO 04th ST.

5 Year Plan

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
KING ST	04TH ST to 05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP (300 - 398) -- NORTH --				
		DPT	8/1/2011	SFGo Parking Guidance and Pavement Renovation	366
KINGSTON ST	SAN JOSE AVE intersection				
		PAVING	7/1/2014	Pavement Renovation- Guerrero and San Jose	150
KINGSTON ST	MISSION ST intersection				
		PGE	6/20/2011	+Bernal Heights	157
		PAVING	10/1/2011	1898J	366
		SFWD	7/1/2012	WD-2443	304
		SFWD	12/1/2012	WD-2667	304
KINGSTON ST	MISSION ST to COLERIDGE ST (100 - 199)				
		PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	COLERIDGE ST intersection				
		PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	COLERIDGE ST to END (200 - 223)				
		PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	END intersection				
		PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	END to PROSPECT AVE (220 - 299)				
		PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	PROSPECT AVE intersection				
		PGE	6/20/2011	+Bernal Heights	157
KINZEY ST	GREENOUGH AVE \ RALSTON AVE intersection				
		PGE	9/29/2011	30860452	1
KINZEY ST	RALSTON AVE intersection				
		PGE	9/29/2011	30860452	1
KIRKHAM ST	05TH AVE to 06TH AVE (100 - 199)				
		PAVING	7/1/2012	BSSR	120
KIRKHAM ST	06TH AVE to 07TH AVE (200 - 299)				
		DPT	12/1/2010	Bike Program - Automated Bicycle Counters	395
		PAVING	7/1/2012	BSSR	120
KIRKHAM ST	07TH AVE intersection				
		SEWER	7/1/2015	N/A	20
KIRKHAM ST	07TH AVE to 08TH AVE (300 - 399)				
		DPT	12/1/2010	Bike Program - Automated Bicycle Counters	395
		SFWD	3/1/2011	WD-2583	228
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	08TH AVE intersection				
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
		SEWER	9/1/2014	N/A	20
KIRKHAM ST	08TH AVE to 09TH AVE (400 - 499)				
		SFWD	3/1/2011	WD-2583	228
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	09TH AVE to 10TH AVE (500 - 599)				
		SFWD	3/1/2011	WD-2583	228
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	10TH AVE intersection				
		SEWER	9/26/2011	1203J	279
		PGE	1/1/2013	+Sunset 7	180
KIRKHAM ST	10TH AVE to 11TH AVE (600 - 699)				
		SEWER	9/26/2011	1203J	279
		PGE	1/1/2013	+Sunset 7	180
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	11TH AVE intersection				
		SEWER	9/26/2011	1203J	279
		PGE	1/1/2013	+Sunset 7	180
KIRKHAM ST	11TH AVE to 12TH AVE (700 - 799)				
		SFWD	3/1/2011	WD-2583	228
		PGE	1/1/2012	+Sunset 6	181
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
		SEWER	7/1/2018	N/A	20
KIRKHAM ST	12TH AVE intersection				
		PGE	1/1/2012	+Sunset 6	181
KIRKHAM ST	12TH AVE to FUNSTON AVE (800 - 899)				
		PGE	1/1/2012	+Sunset 6	181
KIRKHAM ST	FUNSTON AVE intersection				
		PGE	1/1/2012	+Sunset 6	181
KIRKHAM ST	FUNSTON AVE to 14TH AVE \ LURLINE ST (900 - 999)				
		SFWD	3/1/2011	WD-2583	228
		PGE	1/1/2012	+Sunset 6	181
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	14TH AVE \ LURLINE ST intersection				
		SFWD	3/1/2011	WD-2583	228
		PGE	1/1/2012	+Sunset 6	181

San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> 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 ~~west~~ <sup>NORTH WEST</sup> side of Fourth Street and King Street, between the two median strips. 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 King Street. It would be optimal to locate new Train Control cabinets as close to these cabinets to avoid relocating the existing cabinets. OK  
[Signature]

~~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,

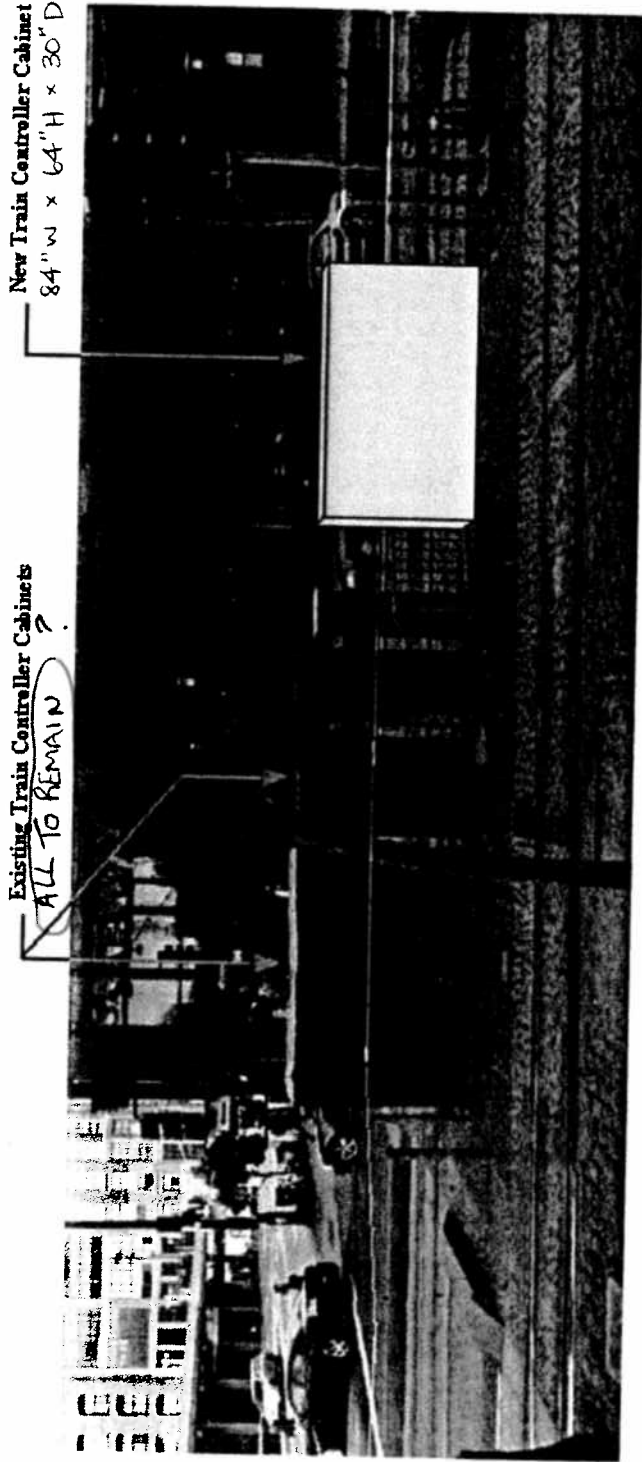
Chuck Morganson  
San Francisco Municipal Transportation Agency  
Central Subway Project  
651 Brannan Street  
San Francisco, CA 94103-5417  
(415) 581-5161

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"



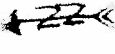
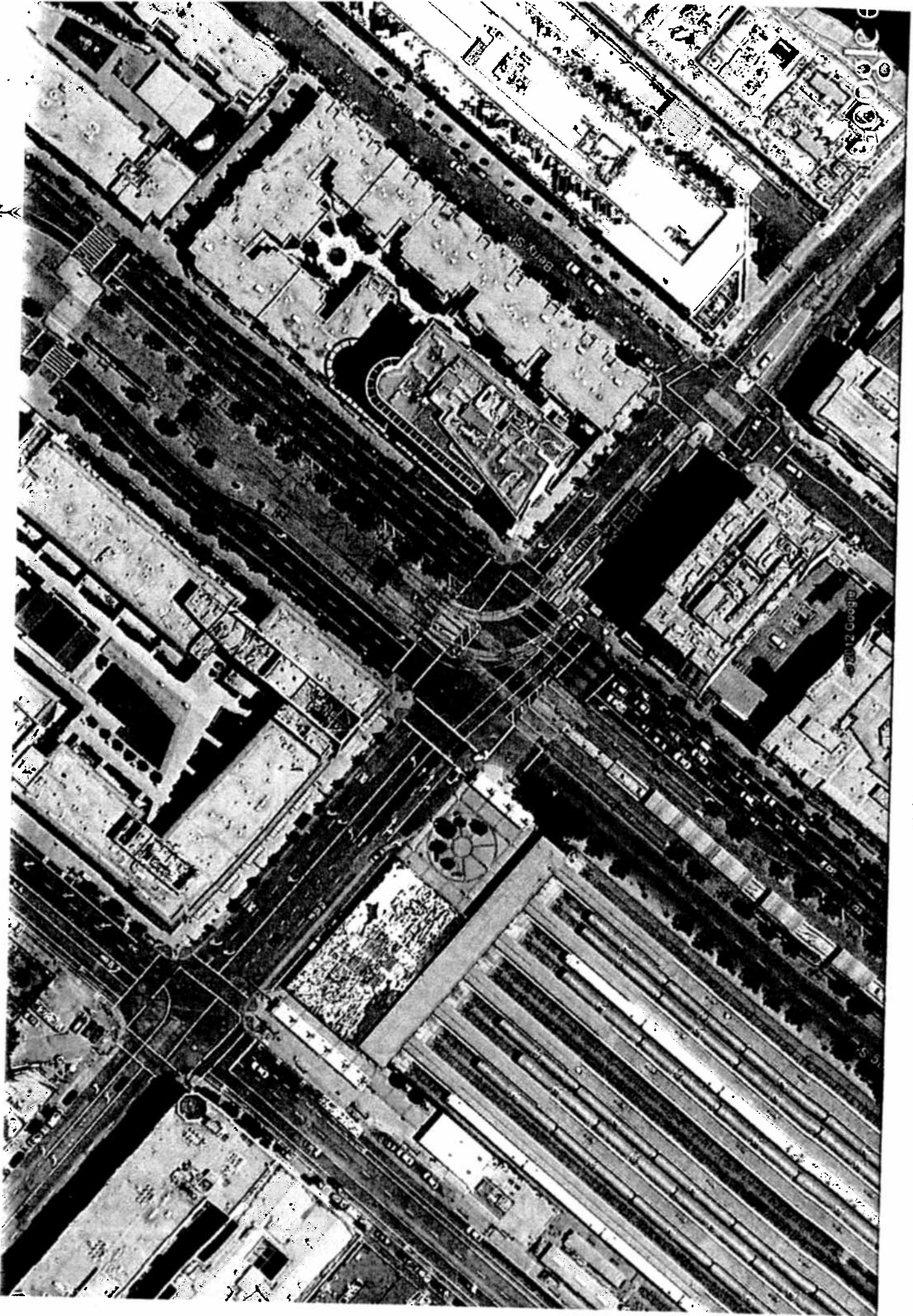
Objection to the installation of the SMF at any of the proposed locations must be submitted in writing via e-mail to [smf@sfdpw.org](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 03<sup>rd</sup> Floor, San Francisco, California 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.

NORTHEAST  
KING ST., EAST OF 4TH ST.



LOOKING NORTHWEST ACROSS KING ST. TOWARDS THE PROPOSED LOCATION WHICH IS BETWEEN THE MEDIAN STRIPS. OF 4TH ST. IS ON THE LEFT TO THE SOUTHWEST.  
(NEEDS PHOTO OF BOTH SIDES OF THE PROPOSED LOCATION OF THE CABINET & PLEASE IDENTIFY THE PHOTO.)

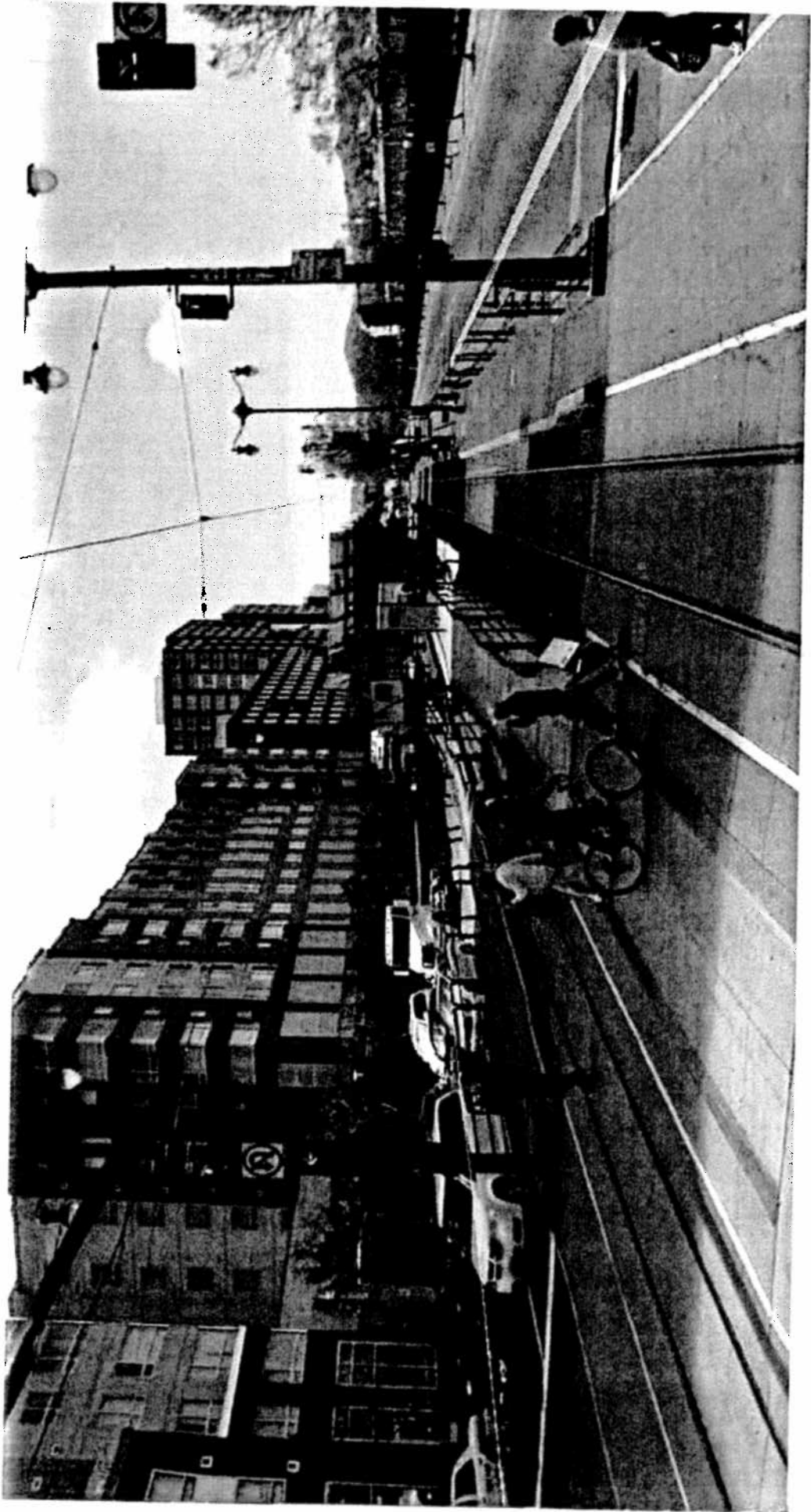
4TH & KING - AERIAL VIEW



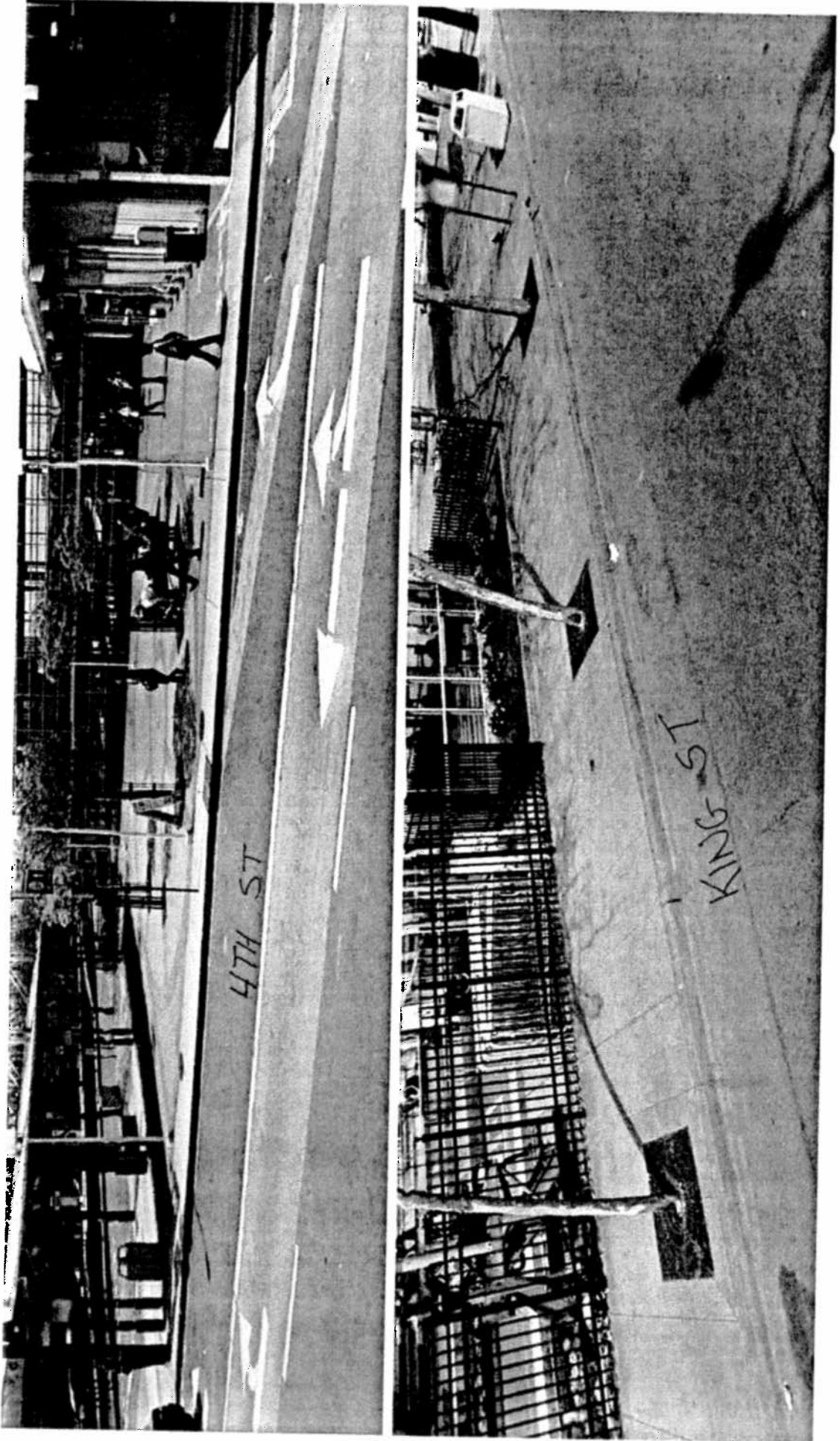
4TH ST = NORTH - SOUTH



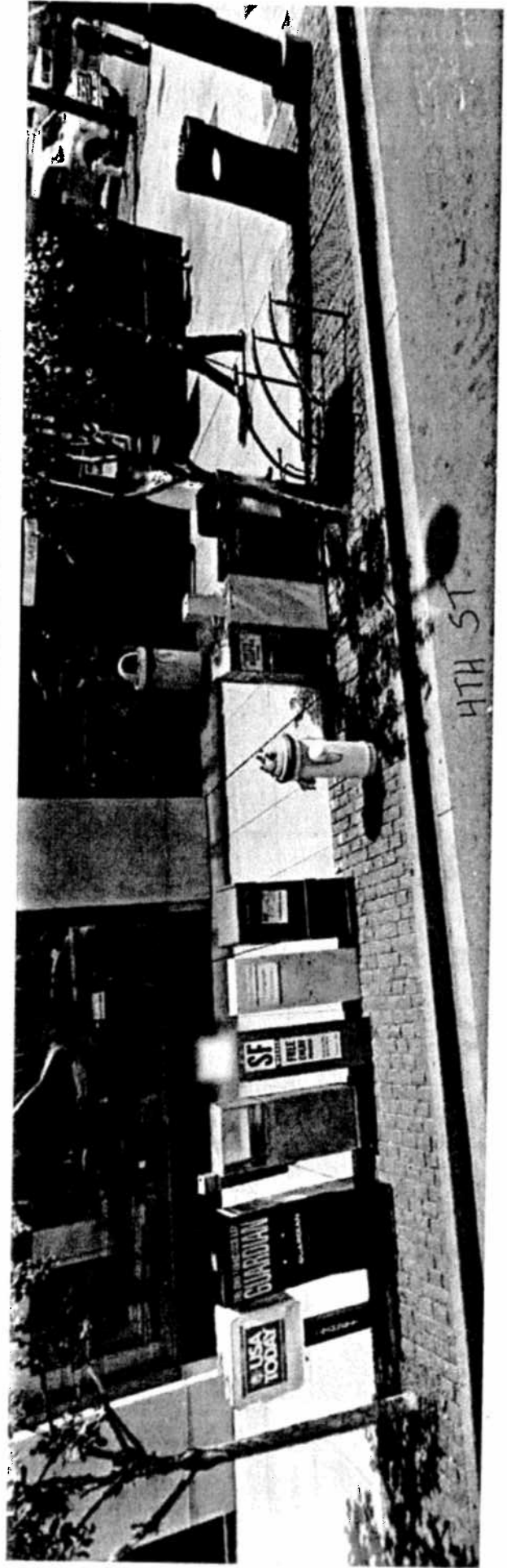
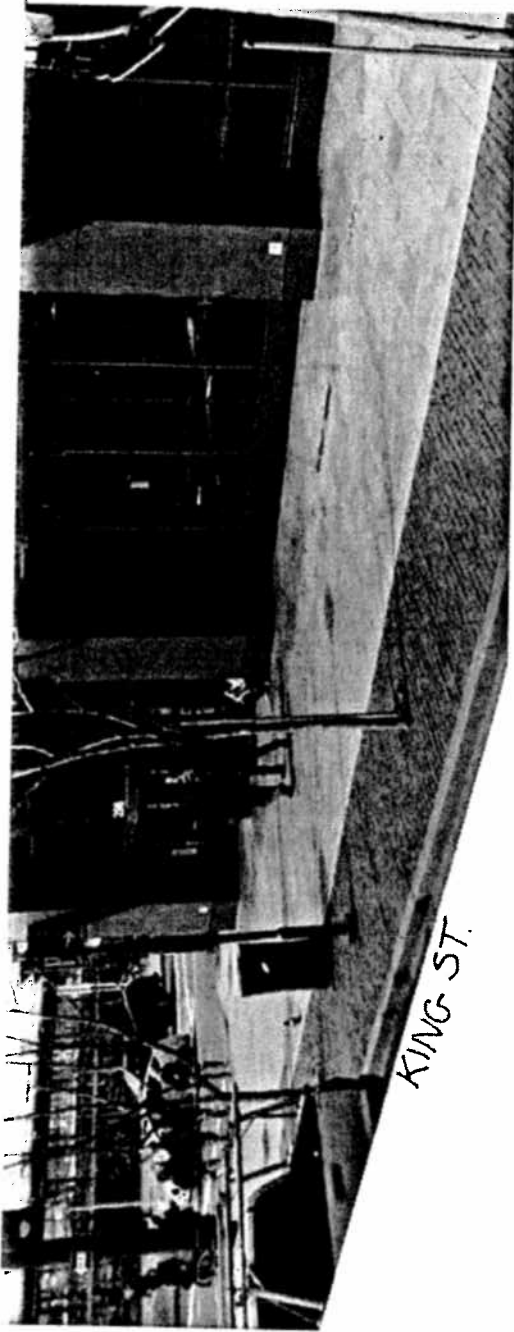
KING ST. WEST OF 4TH ST



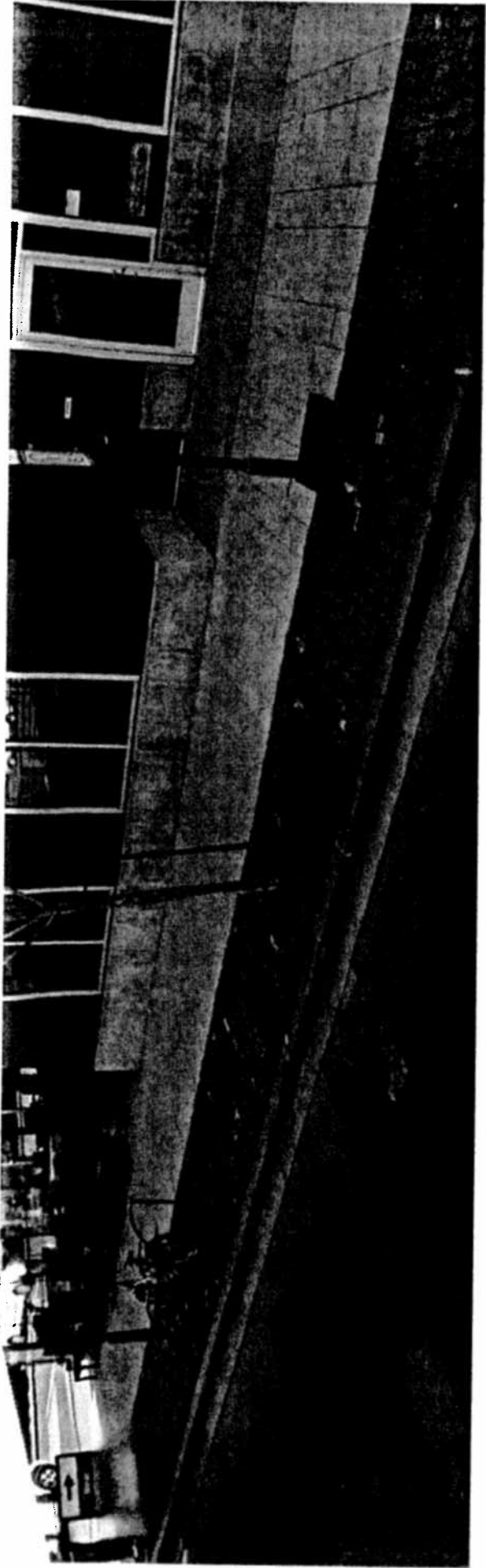
4TH & KING - NW CORNER



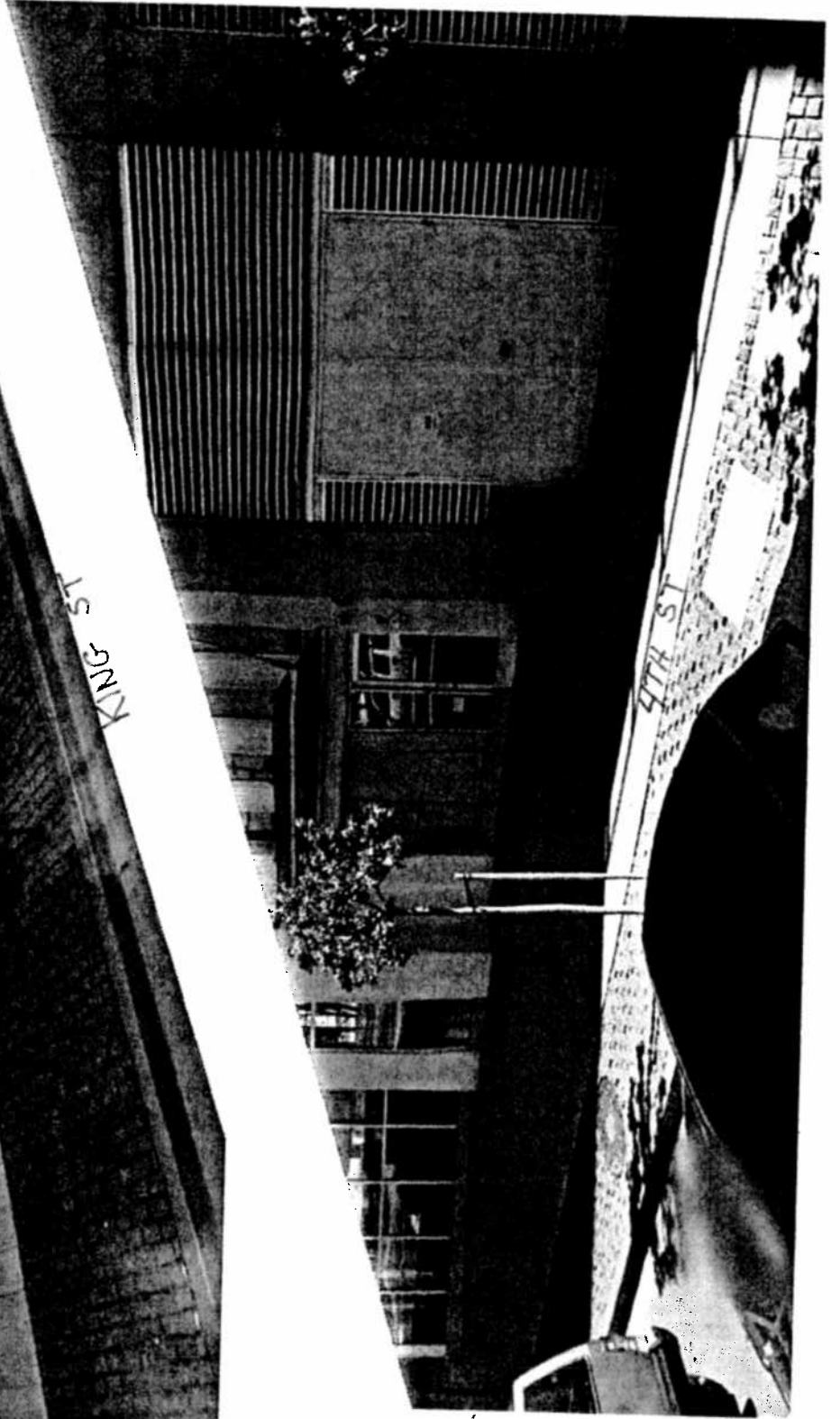
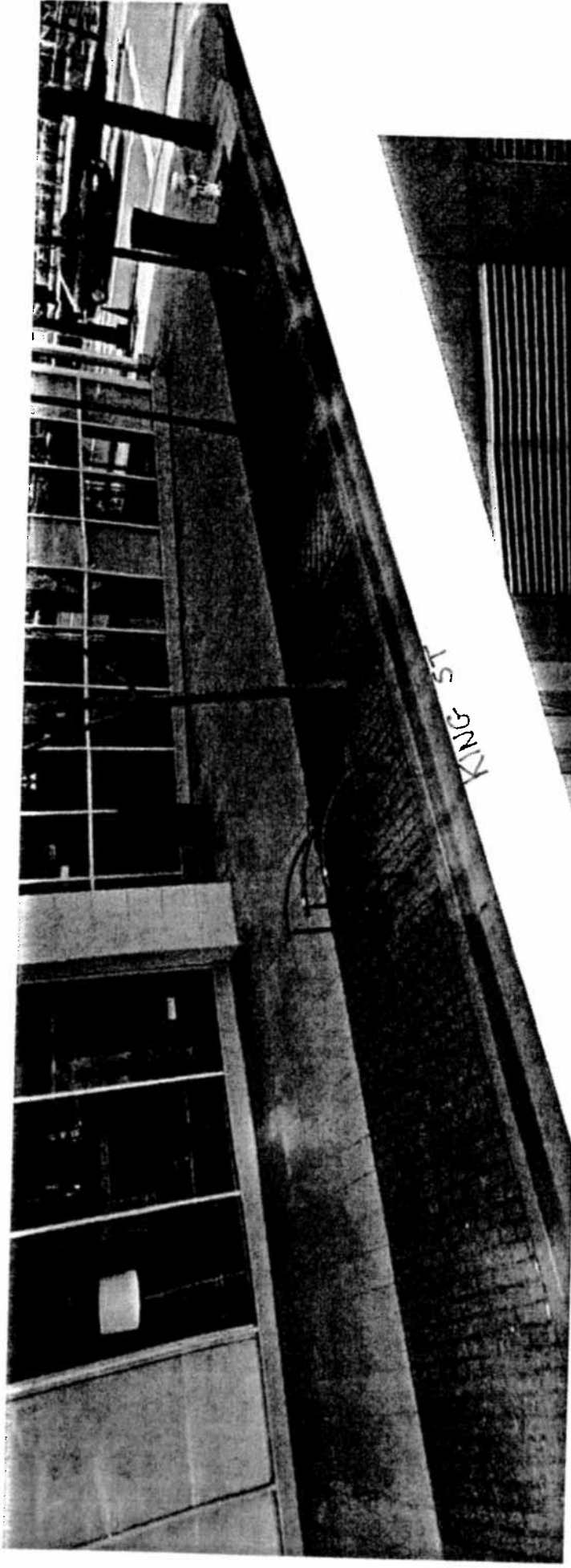
4<sup>TH</sup> & KING - NE CORNER



4<sup>TH</sup> & KING - SW CORNER

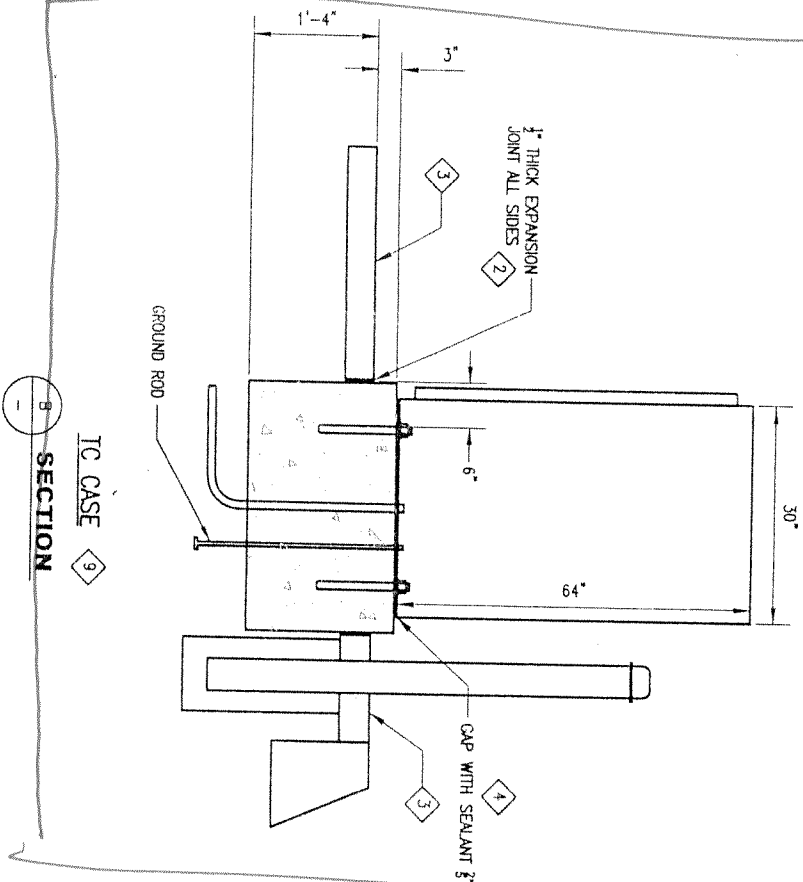
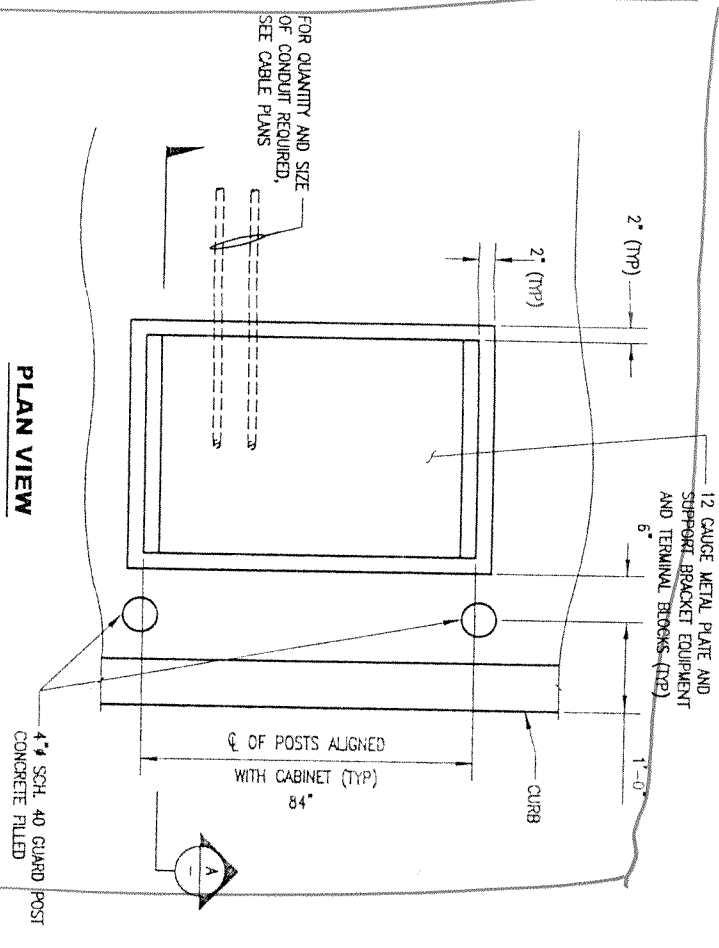
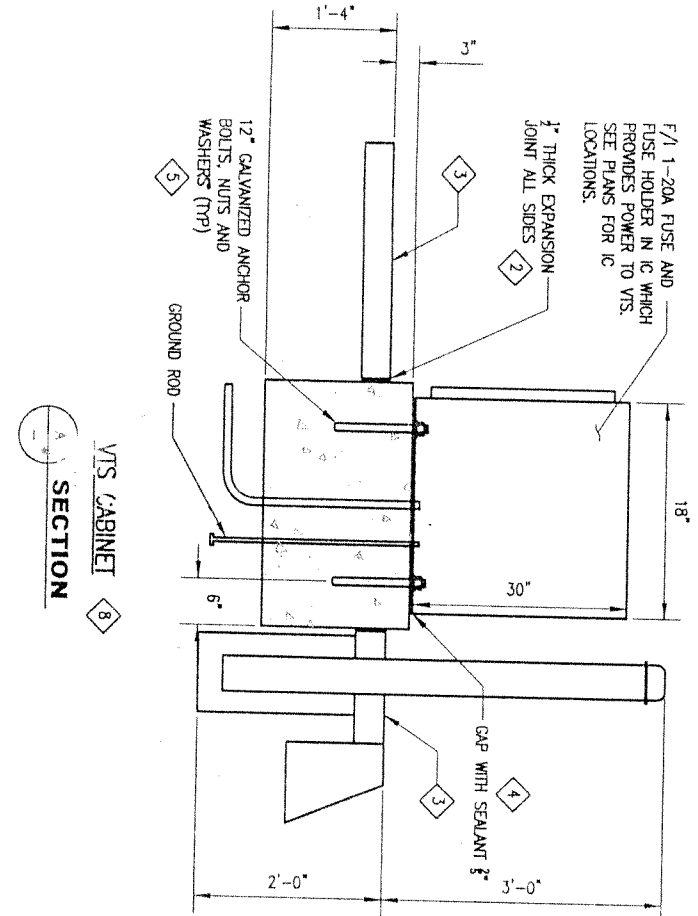
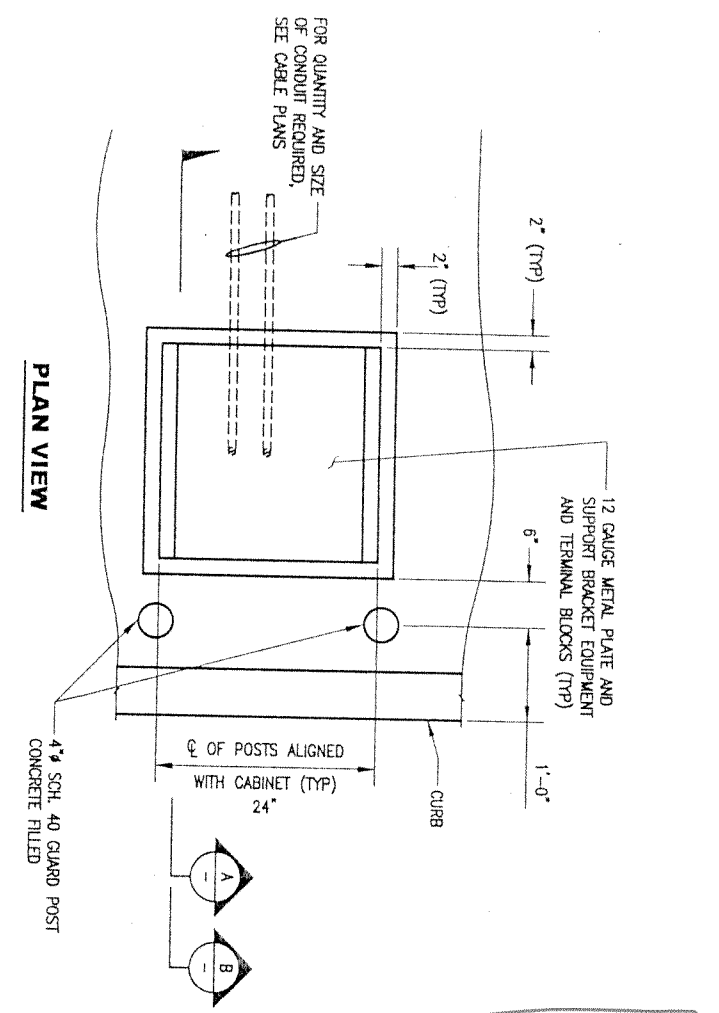


4TH ST & KING ST - SE CORNER



INTERSECTION

SENSITIVE SECURITY INFORMATION

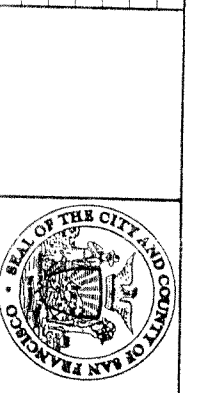


CABINET INSTALLATION DETAILS

- NOTES:**
- CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, U-ON, PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
    - CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
      - PROPORTION OF COMPONENTS IN THE MIX.
      - BRAND OF CEMENT.
      - SOURCE OF AND GRADATION OF AGGREGATES.
      - WATER-CEMENT RATIO BY WEIGHT.
      - COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS.
    - 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.
  - 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.
  - RECONSTRUCT SIDEWALK TO NEAREST JOINT, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
  - FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORNING 791 SILICONE PERIMETER SEALANT.
  - ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
  - ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
  - 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.
  - VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
  - IC CASE SHALL BE INSTALLED AT 4TH & BLUENOME AND 4TH & KING.

DATE	DESCRIPTION	BY	CHKD	APP'D
01/13/2012	ISSUED FOR PER-FINAL SUBMITTAL	OB	DA	
03/07/2011	ISSUED FOR 63% DESIGN SUBMITTAL	OB	DA	

**HNTB-B&C**  
 JOINT VENTURE  
**B&C**  
**TRANSIT**  
**INC.**



CITY AND COUNTY OF SAN FRANCISCO  
**MUNICIPAL TRANSPORTATION AGENCY**

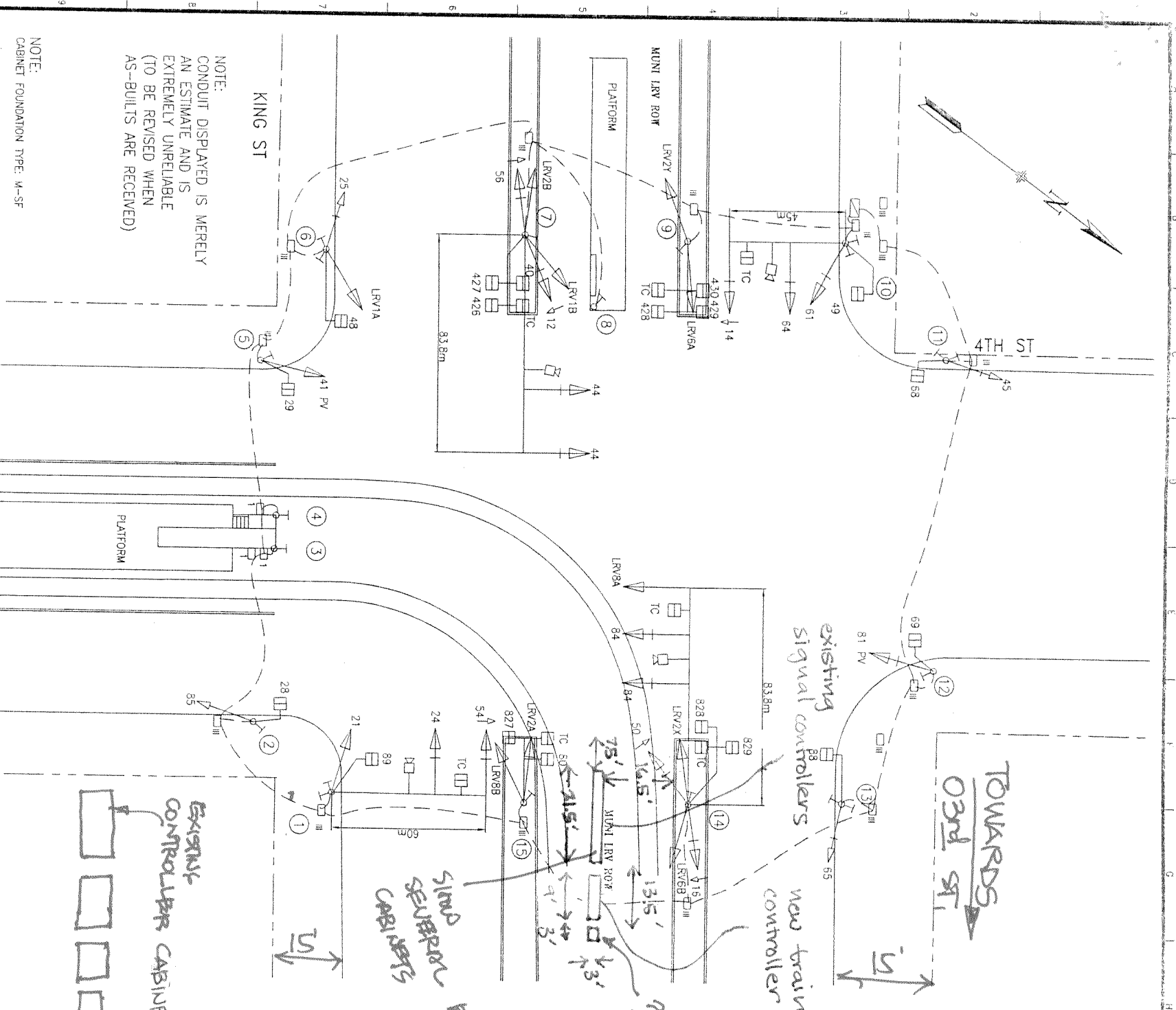
THIRD STREET LIGHT RAIL PROGRAM  
 PHASE 2 - CENTRAL SUBWAY  
 SURFACE TRACK AND SYSTEMS  
**SURFACE SIGNALING**  
**CABINET INSTALLATION DETAILS**

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

POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			REMARKS
		LUMINAIRE (HPS)	VOLTAGE/WATTS	NO.	TYPE	MOUNTING (F/I)	NO.	
1	MUNI COMBO POLE WITH 12m M.A.	21	3512" LA	SV-1-T	89	IS-C	SP-1-T	PPB (2) CAMERA
2	MISSION BAY POLE	85	358"	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	PV3512"	SV-1-T	29	IS-C	SP-1-T	PPB
6	TYPE 1-A (3.05m)	25	358"	TV-2-T	48	IS-C	SP-1-T	PPB
7	MUNI COMBO POLE WITH 16.76m M.A.	44 44 56 12 12	3512" LA 3512" LA 3512" LA 2512" T	MAS MAS SV-1-T SV-1-T SV-2-T	40 427 426	IS 16" x 16"	DET. 2	PPB SEE DET. 3 WITHOUT LRV SIGNALS
8	TYPE 1-A (1.2m)							PPB
9	MUNI COMBO POLE	LRV6A LRV2Y	2512" T 2512" T	SV-1-T SV-1	430 428 429 TC	IS-C 16"x16"	DET. 2	PPB
10	MUNI COMBO POLE WITH 9m M.A.	14 61 64 TC	3512" LA 3512" LA 3512" LA IS 16"x16"	MAS SV-1-T MAS MAT	49		SP-1-T	PPB CAMERA
11	MUNI COMBO POLE	45	358"	SV-1-T	68	IS-C	SP-1-T	PPB
12	MISSION BAY POLE	81	PV3512"	SV-1-T	69	IS-C	SP-1-T	PPB
13	MUNI COMBO POLE	65	358"	SV-1-T	88		SP-1-T	PPB (2)
14	MUNI COMBO POLE WITH 16.76m M.A.	16 50 LRV6B 84 84 TC LRV6A LRV2X	3512" LA 3512" LA 2512" T 3512" LA 3512" LA 15 16"x16" 2512" T 2512" T	SV-1-T SV-1-T SV-1 MAS MAS MAT SV-1	828 829 TC	IS-C 16"x16"	DET. 1	PPB SEE DET. 3 CAMERA
15	MUNI COMBO POLE	LRV2A LRV8B	2512" T 2512" T	SV-1 SV-1	80 827 TC	IS-C 16"x16"	DET. 1	PPB

M.A. = LAST ARM

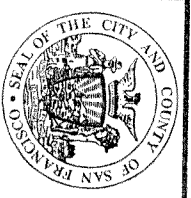


NOTE:  
CONDUIT DISPLAYED IS MERELY AN ESTIMATE AND IS EXTREMELY UNRELIABLE (TO BE REVISED WHEN AS-BUILTS ARE RECEIVED)

NOTE:  
CABINET FOUNDATION TYPE: M-SF

NO.	DATE	DESCRIPTION	BY	APP
1	7/25/06	TRAFFIC SIGNAL UPGRADE FOR THIRD STREET LIGHT PLAN-1141	DY	AH

TABLE OF REVISIONS  
CHECK WITH READING 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

PROGRAM	DATE	SCALE
DY	7/06	1:200

TRAFFIC SIGNAL INVENTORY DIAGRAM  
4TH AND KING STS INTERSECTION

CHN NO. 25798 000  
REV. NO.

San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> 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 4<sup>th</sup> Street at the 4<sup>th</sup> Street and King Street intersection. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

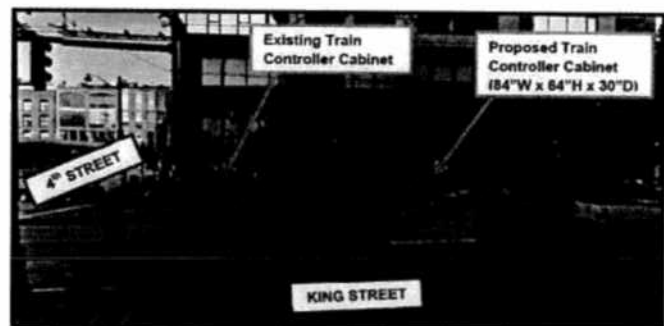
For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the train controller cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside with 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](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3<sup>rd</sup> 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, 7<sup>th</sup> 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"







(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-0014**

**Surface Mounted Facility Permit**

Address : KING ST: 03RD ST to  
04TH ST (201 - 299) -- 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 train controller cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: King St. between 03rd St. to 04th St. (south 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 11:40:18 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-0014

\*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	03RD ST	04TH ST	South	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
<b>Total</b>						<b>0</b>	<b>0</b>		

# Exceptions


14SMF-0014

Street Name	From St	To St	Message	Job	Contact	Dates
KING ST						
	03RD ST	04TH ST - 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		
	03RD ST	04TH ST - SOUTH	Mission Bay.	N/A		
	03RD ST	04TH ST - SOUTH	Muni Tracks Present.	N/A		
	03RD ST	04TH ST - 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

## 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 Switch Controller**  
**Cabinet Installation on 4<sup>th</sup> Street and King Street**

---

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Train Control Cabinet) on 4<sup>th</sup> 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, 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: **4<sup>th</sup> Street at King 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 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

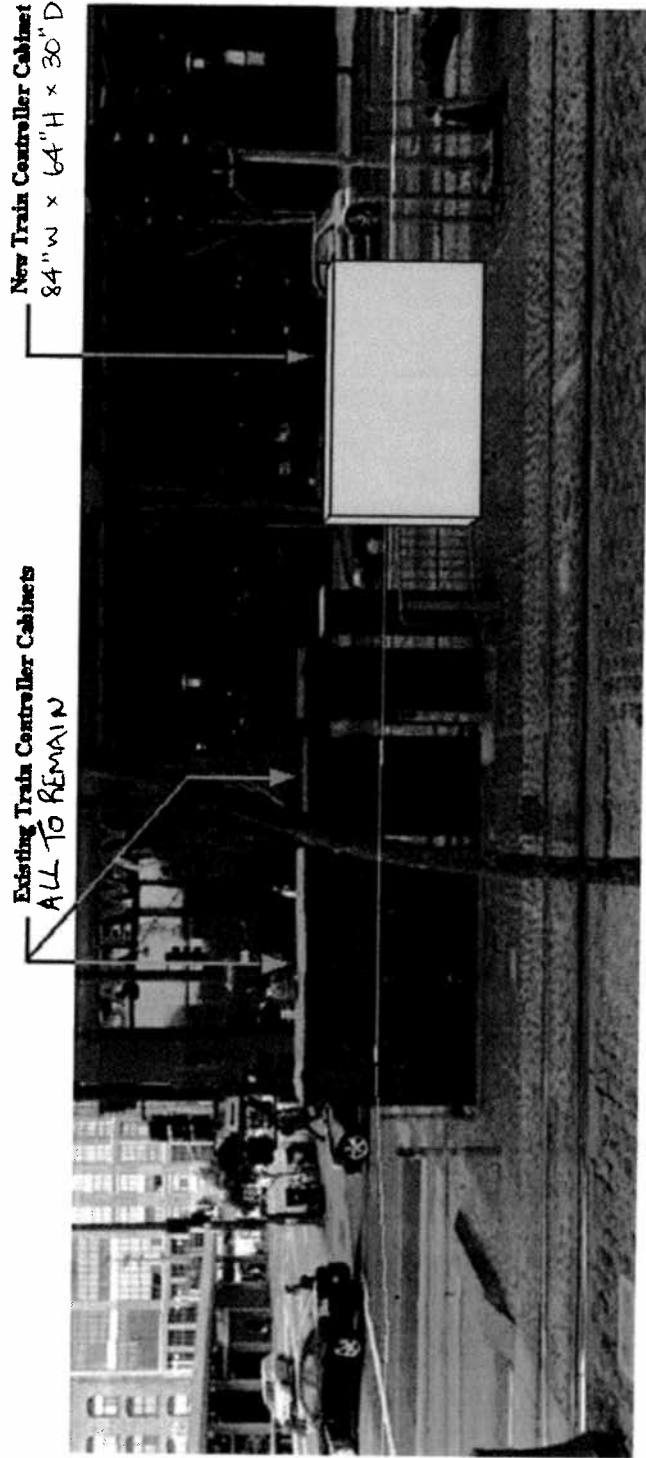
The existing controller cabinet is currently in the same median area. Once the new controller cabinet is installed, then the old controller cabinet will be removed.

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
		NEWSRACK PAVING	6/1/2011 7/1/2024	Clement St CGS Clement St Pavement Renovation	122 150
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
		SEWER	7/1/2014	N/A	20
05TH AVE	BALBOA ST to CABRILLO ST (600 - 699)	SEWER	12/1/2014	N/A	20
05TH AVE	CABRILLO ST intersection	SEWER	7/1/2016	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
		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
		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

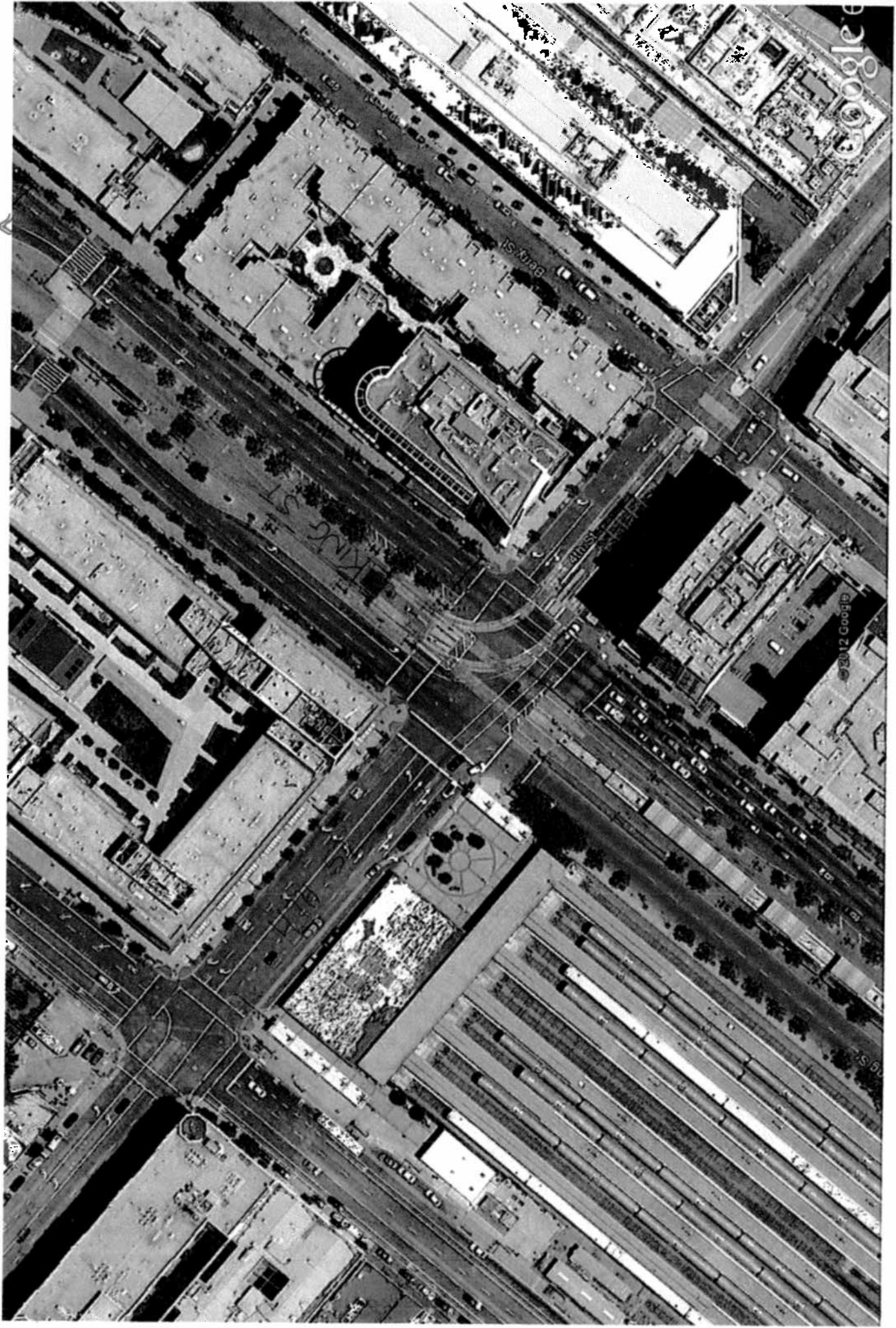
STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
KEITH ST	FITZGERALD AVE intersection	PAVING	7/1/2016	Fitzgerald\Gilman\Hawes Pavement Renovation	150
KEITH ST	JAMESTOWN AVE intersection	SEWER	4/30/2012	1272J	214
KEITH ST	KEY AVE intersection	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEITH ST	END to LE CONTE AVE (3400 - 3499)	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEITH ST	LE CONTE AVE intersection	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEITH ST	SAN BRUNO AVE intersection	PAVING	7/1/2012	San Bruno Ave Pavement Renovation	150
KELLOCH AVE	SCHWERIN ST intersection	SEWER	8/1/2012	1274J	365
KEMPTON AVE	ALEMANY BLVD intersection	SEWER PAVING	7/1/2011 7/1/2013	N/A Pavement Renovation - Alemany Blvd	20 150
KENNY AVE	MISSION ST intersection	DPT	9/30/2011	Traffic Calming - Arterials	458
KENSINGTON WAY	MIRALOMA DR \ PORTOLA DR intersection	DPT PGE	6/1/2011 5/1/2013	Reopening Closed Crosswalks +Portola 2	580 244
KENSINGTON WAY	MIRALOMA DR \ PORTOLA DR to ULLOA ST (1 - 99)	PAVING PGE	4/1/2012 4/1/2013	BSSR Portola 1	120 90
KENSINGTON WAY	ULLOA ST intersection	PGE	4/1/2013	Portola 1	90
KENSINGTON WAY	PUBLIC PARK \ VASQUEZ AVE intersection	PGE	8/1/2012	Miraloma Park 2	152
KENSINGTON WAY	PUBLIC PARK \ VASQUEZ AVE to MERCED AVE (301 - 355) -- SOUTH --	PGE	12/1/2011	30482189	29
KENSINGTON WAY	MERCED AVE intersection	PGE	8/1/2012	Miraloma Park 2	152
KENSINGTON WAY	MERCED AVE to CLAREMONT BLVD \ DEWEY BLVD \ MONTALVO AVE \ TARAVAL ST (300 - 399)	PAVING	4/1/2012	BSSR	120
KENSINGTON WAY	CLAREMONT BLVD \ DEWEY BLVD \ MONTALVO AVE \ TARAVAL ST intersection	RAMPS	1/3/2011	1794J MOD FY10-11 Curb Ramps	270
KENWOOD WAY	WESTGATE DR intersection	PGE	12/1/2011	Westgate	212
KERN ST	BROMPTON AVE intersection	PAVING	7/1/2013	Various Locations Slurry Sealing Contract 2A - Slurry Sealing	150
KEY AVE	KEITH ST intersection	SFWD	9/11/2011	WD-2659 8-Inch DI Main Installation in Le Conte Ave. and Keith St.	31
KEYSTONE WAY	OCEAN AVE intersection	SEWER	11/1/2012	N/A	20
KIMBALL PL	SACRAMENTO ST intersection	PAVING	7/1/2013	Pavement Renovation- Sacramento St	150
KING ST	02ND ST intersection	DPWGREEN DPT	6/13/2012 7/1/2012	Great Streets - 2nd Street SIG MOD CT. 33	433 487
KING ST	03RD ST intersection	DPT	1/1/2012	Proposed APS (Prop K 10/11)	244
KING ST	02ND ST to 03RD ST (100 - 198) -- NORTH --	SFPARK PGE	2/4/2011 7/25/2011	SFpark sensors 30853565	696 4
KING ST	04TH ST intersection	SEWER MUNI SEWER	10/15/2012 4/1/2013 1/1/2017	1424J-7 Central Subway 1467JB	492 913 365
KING ST	03RD ST to 04TH ST (200 - 298) -- NORTH --	SFPARK	2/4/2011	SFpark sensors	696
KING ST	04TH ST to 05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP (301 - 399) -- SOUTH --	DPT	8/1/2011	SFgo Parking Guidance and Pavement Renovation	366
KING ST	05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP intersection	PGE	1/3/2012	30752110	4

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
KING ST	04TH ST to 05TH ST \ I-280 N OFF RAMP \ I-280 S ON RAMP (300 - 398) -- NORTH --	DPT	8/1/2011	Sfgo Parking Guidance and Pavement Renovation	366
KINGSTON ST	SAN JOSE AVE intersection	PAVING	7/1/2014	Pavement Renovation- Guerrero and San Jose	150
KINGSTON ST	MISSION ST intersection	PGE	6/20/2011	+Bernal Heights	157
		PAVING	10/1/2011	1898J	366
		SFWD	7/1/2012	WD-2443	304
		SFWD	12/1/2012	WD-2667	304
KINGSTON ST	MISSION ST to COLERIDGE ST (100 - 199)	PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	COLERIDGE ST intersection	PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	COLERIDGE ST to END (200 - 223)	PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	END intersection	PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	END to PROSPECT AVE (220 - 299)	PGE	6/20/2011	+Bernal Heights	157
KINGSTON ST	PROSPECT AVE intersection	PGE	6/20/2011	+Bernal Heights	157
KINZEY ST	GREENOUGH AVE \ RALSTON AVE intersection	PGE	6/20/2011	+Bernal Heights	157
KINZEY ST	RALSTON AVE intersection	PGE	9/29/2011	30860452	1
KIRKHAM ST	05TH AVE to 06TH AVE (100 - 199)	PAVING	7/1/2012	BSSR	120
KIRKHAM ST	06TH AVE to 07TH AVE (200 - 299)	DPT	12/1/2010	Bike Program - Automated Bicycle Counters	395
		PAVING	7/1/2012	BSSR	120
KIRKHAM ST	07TH AVE intersection	SEWER	7/1/2015	N/A	20
KIRKHAM ST	07TH AVE to 08TH AVE (300 - 399)	DPT	12/1/2010	Bike Program - Automated Bicycle Counters	395
		SFWD	3/1/2011	WD-2583	228
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	08TH AVE intersection	PAVING	4/1/2013	Kirkham St Pavement Renovation	153
		SEWER	9/1/2014	N/A	20
KIRKHAM ST	08TH AVE to 09TH AVE (400 - 499)	SFWD	3/1/2011	WD-2583	228
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	09TH AVE to 10TH AVE (500 - 599)	SFWD	3/1/2011	WD-2583	228
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	10TH AVE intersection	SEWER	9/26/2011	1203J	279
		PGE	1/1/2013	+Sunset 7	180
KIRKHAM ST	10TH AVE to 11TH AVE (600 - 699)	SEWER	9/26/2011	1203J	279
		PGE	1/1/2013	+Sunset 7	180
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	11TH AVE intersection	SEWER	9/26/2011	1203J	279
		PGE	1/1/2013	+Sunset 7	180
KIRKHAM ST	11TH AVE to 12TH AVE (700 - 799)	SFWD	3/1/2011	WD-2583	228
		PGE	1/1/2012	+Sunset 6	181
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
		SEWER	7/1/2018	N/A	20
KIRKHAM ST	12TH AVE intersection	PGE	1/1/2012	+Sunset 6	181
KIRKHAM ST	12TH AVE to FUNSTON AVE (800 - 899)	PGE	1/1/2012	+Sunset 6	181
KIRKHAM ST	FUNSTON AVE intersection	PGE	1/1/2012	+Sunset 6	181
KIRKHAM ST	FUNSTON AVE to 14TH AVE \ LURLINE ST (900 - 999)	SFWD	3/1/2011	WD-2583	228
		PGE	1/1/2012	+Sunset 6	181
		PAVING	4/1/2013	Kirkham St Pavement Renovation	153
KIRKHAM ST	14TH AVE \ LURLINE ST intersection	SFWD	3/1/2011	WD-2583	228
		PGE	1/1/2012	+Sunset 6	181

KING ST., EAST OF 4TH ST.



4TH & KING - AERIAL VIEW

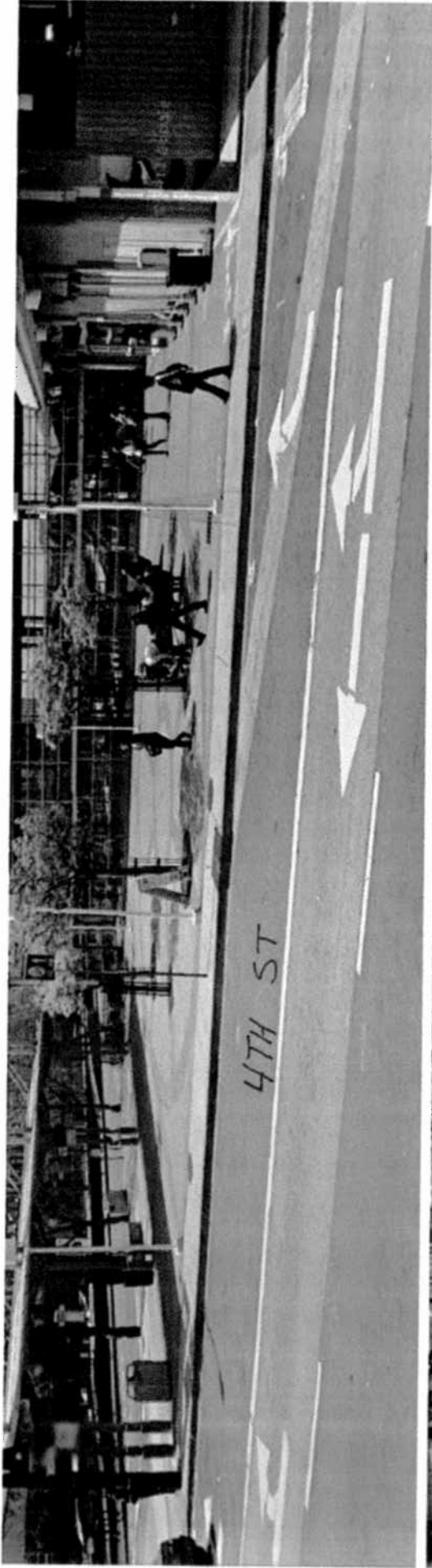


4TH ST = NORTH - SOUTH

KING ST., WEST OF 4TH ST

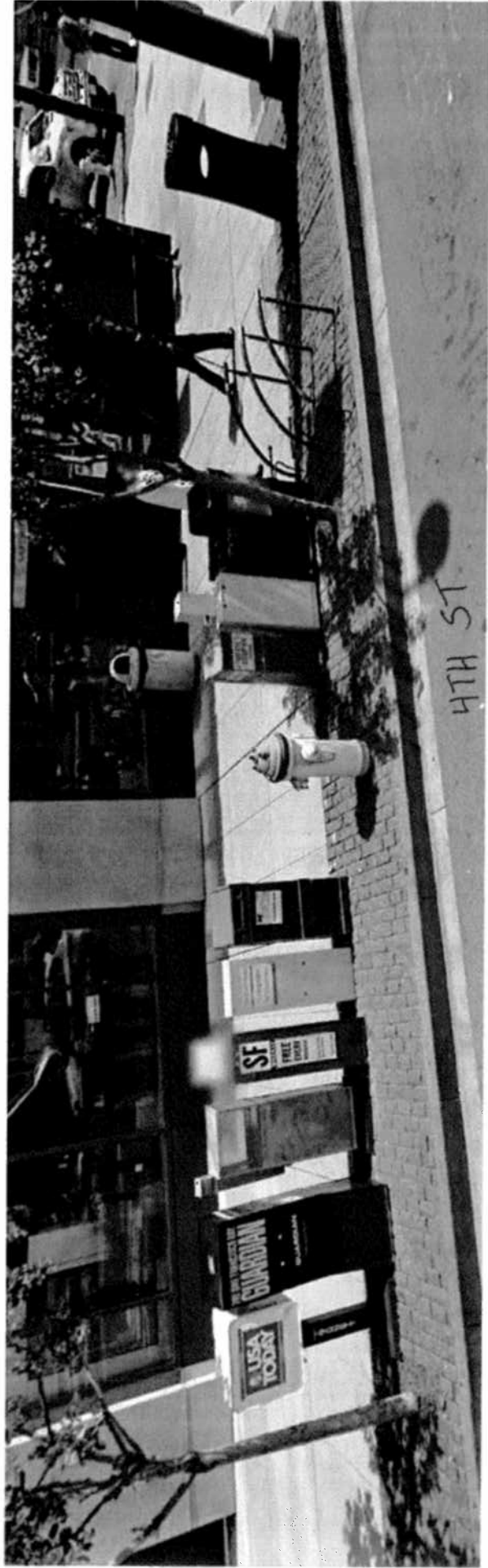
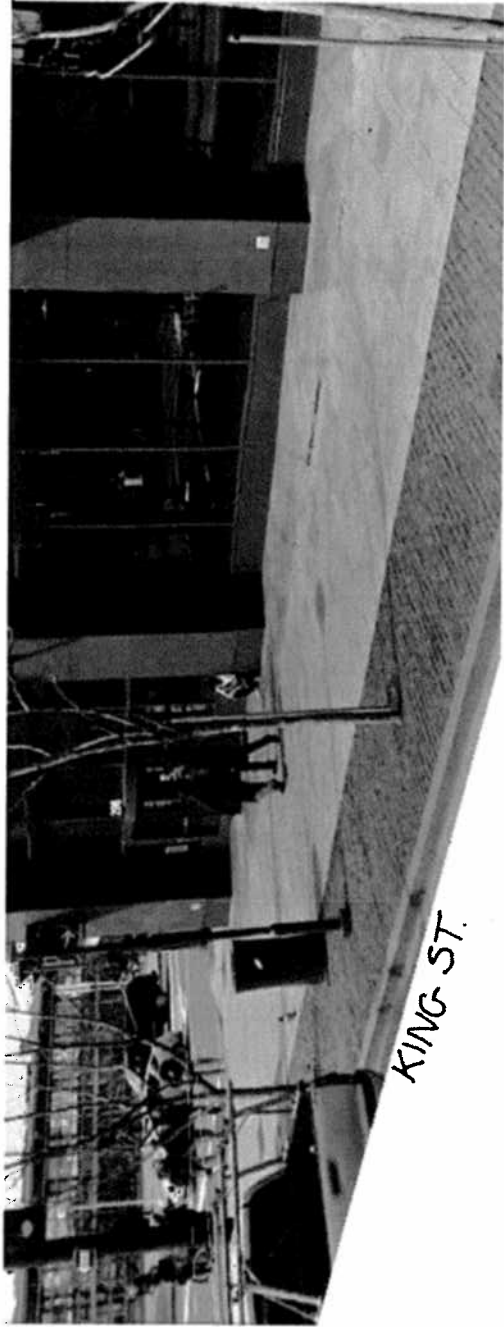


4TH & KING - NW CORNER

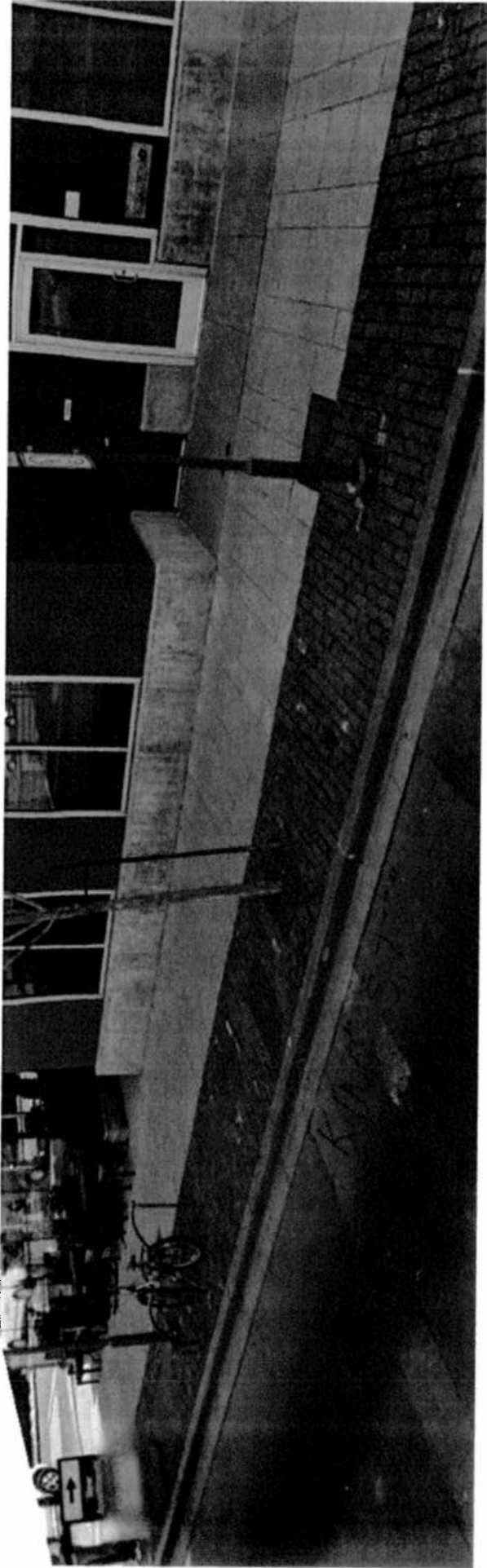




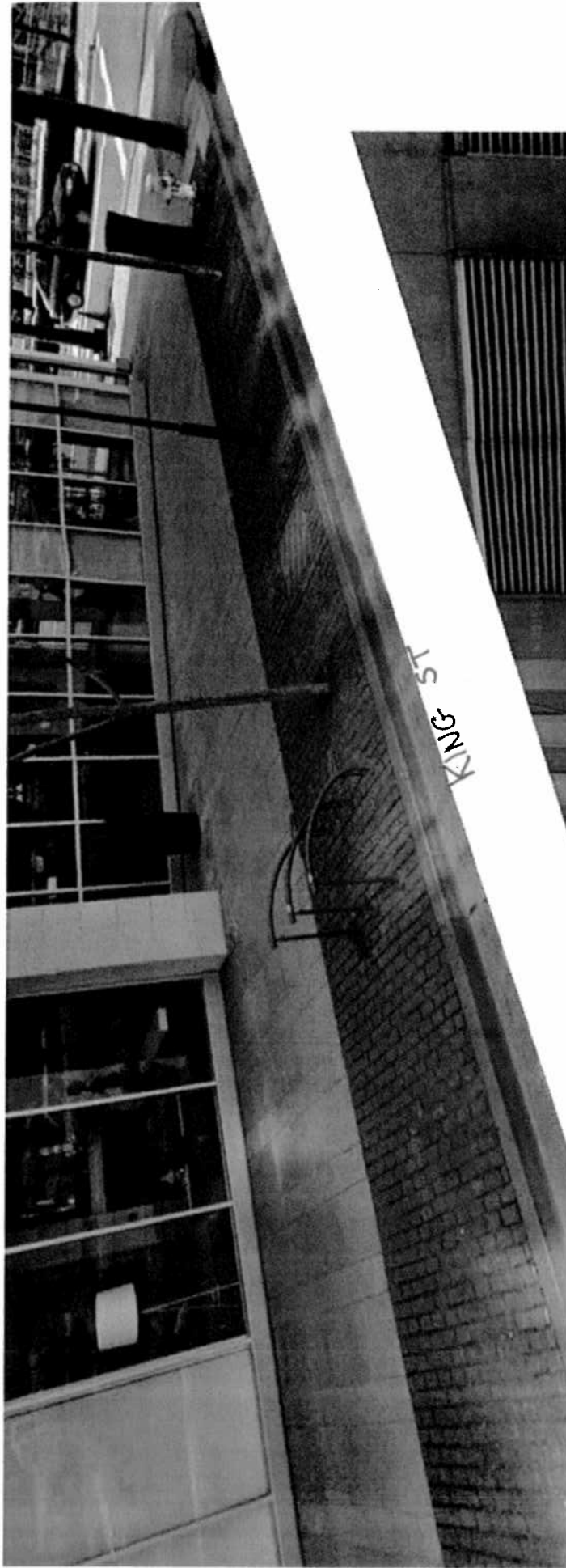
4<sup>TH</sup> & KING - NE CORNER



4TH & KING - SW CORNER



417H ST & KING ST - SE CORNER



INTERSECTION

San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> 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 west side of Fourth Street and King Street, between the two median strips. 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 King Street. It would be optimal to locate new Train Control cabinets as close to these cabinets to avoid relocating the existing cabinets.

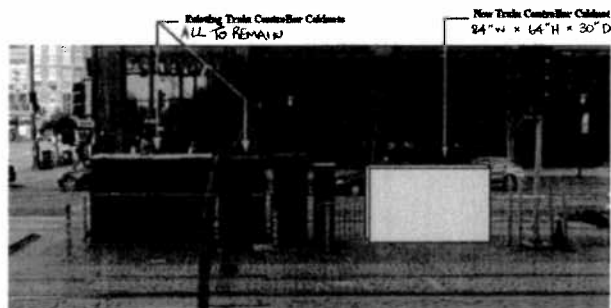
If you object to the installation of the SMF, you must notify the Department of Public Works of your objections either by phone at (415) 554-5810 or by mail at the Bureau of Street-Use and Mapping, 875 Stevenson Street, Room 460, San Francisco, CA 94103-0942. You have 20 days from the date of this notice 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.

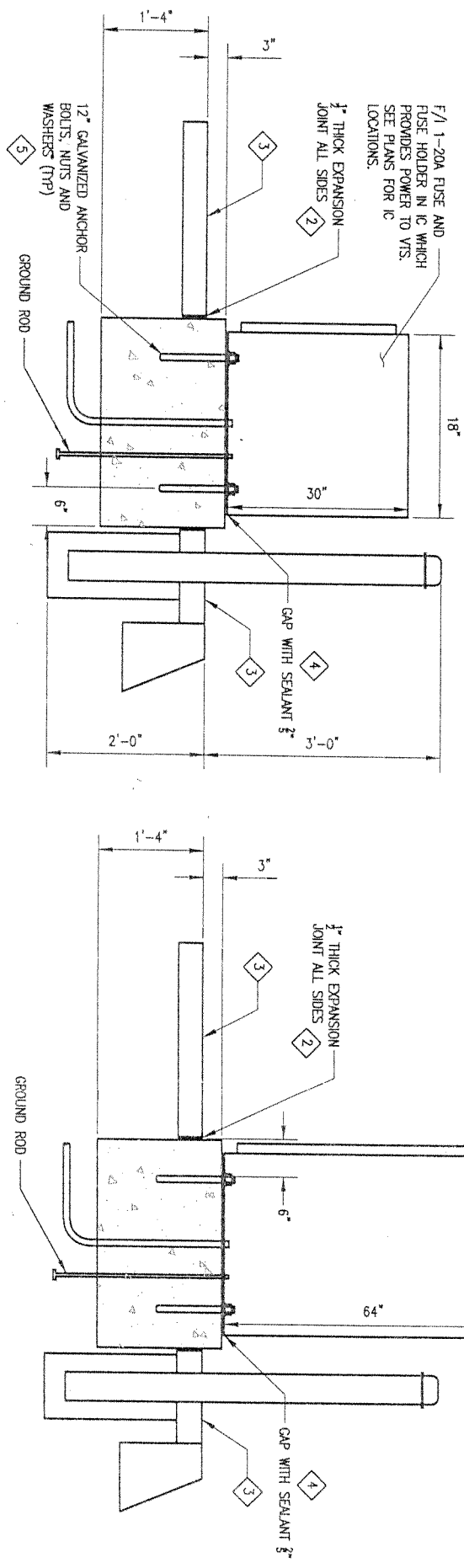
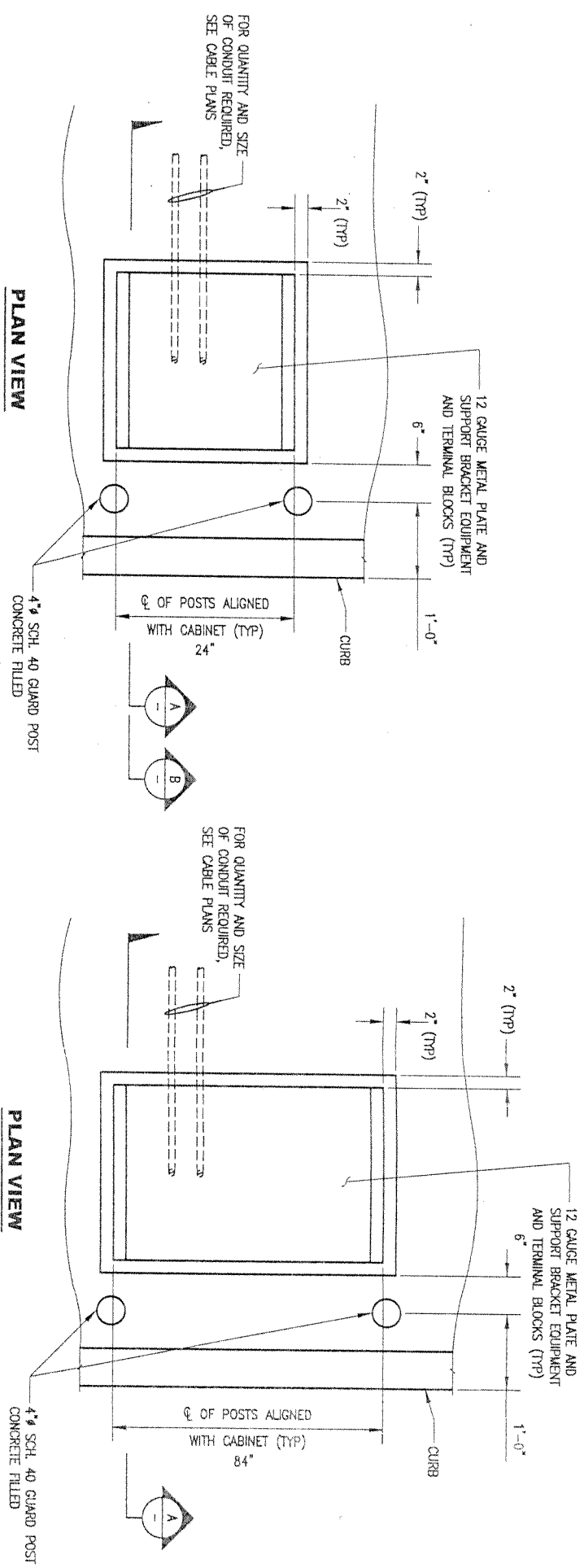
If you submit an objection, DPW may convene a hearing to determine whether the permit for placement of the SMF should be issued. DPW will commence any such hearing within 40 days after the receipt of any objections. You will have the opportunity to express your concerns about the SMF at the hearing should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

Thank you,

Chuck Morganson  
San Francisco Municipal Transportation Agency  
Central Subway Project  
651 Brannan Street  
San Francisco, CA 94103-5417  
(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"





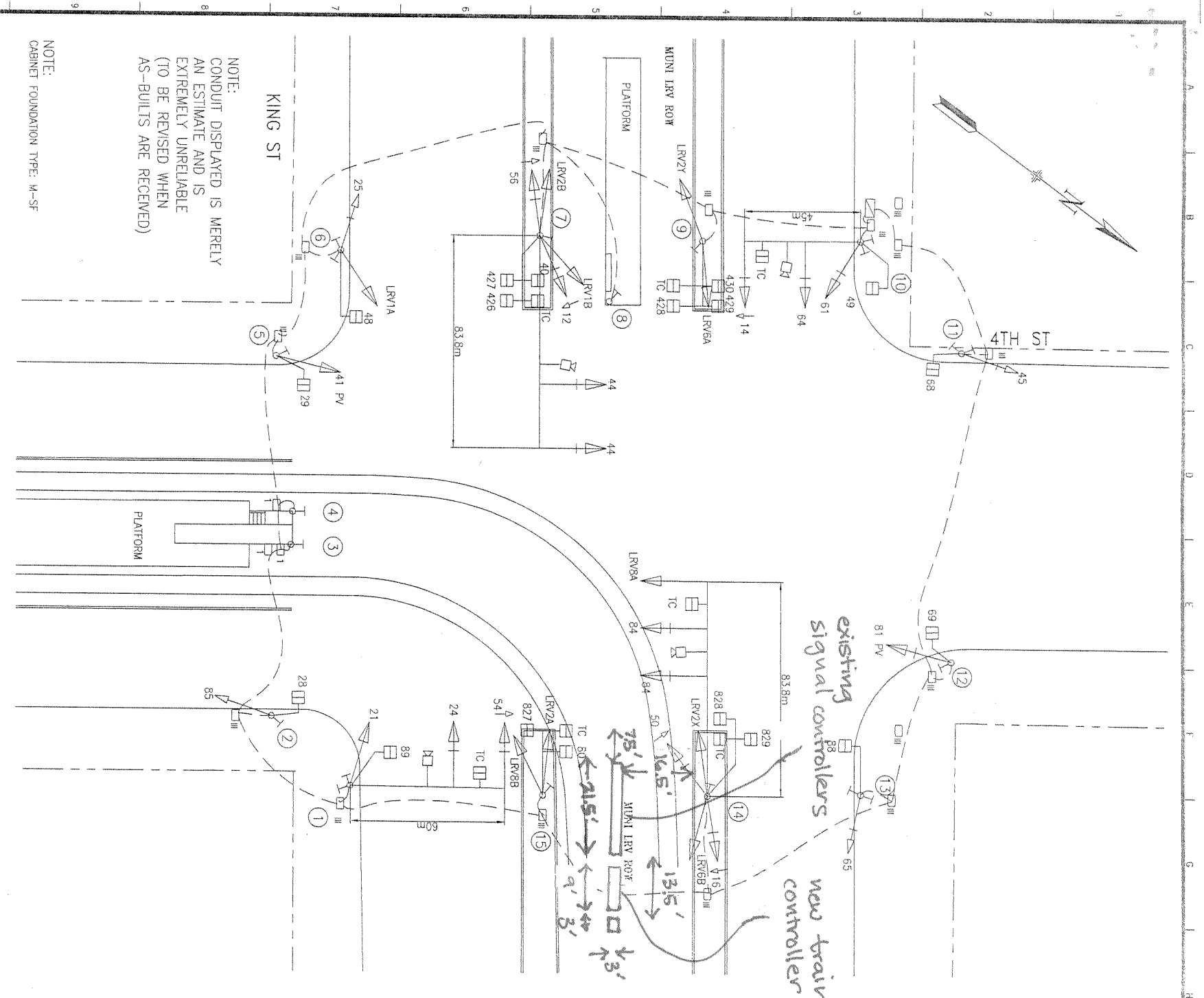
VTS CABINET SECTION

TC CASE SECTION

CABINET INSTALLATION DETAILS

- NOTES:**
- CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, UOIL, PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
    - CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
      - PROPORTION OF COMPONENTS IN THE MIX
      - BRAND OF CEMENT
      - SOURCE OF AND GRADATION OF AGGREGATES
      - WATER-CEMENT RATIO BY WEIGHT
      - COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS
    - MANUFACTURER'S PRODUCT DATA SPECIFICATIONS WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS, INCLUDING ADHESIVES, JOINT MATERIALS AND SYSTEMS, EMBEDDED ITEMS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK
  - 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.
  - RECONSTRUCT SIDEWALK TO NEAREST JOINT, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
  - FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORING 791 SILICONE PERIMETER SEALANT.
  - ANCHOR BOLT LOCATIONS AND DIMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
  - ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
  - 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.
  - VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
  - TC CASE SHALL BE INSTALLED AT 4TH & BLUXOME AND 4TH & KING.

REVISIONS: 01/13/2012 ISSUED FOR PRE-FINAL SUBMITTAL 03/01/2011 ISSUED FOR 65% DESIGN SUBMITTAL DATE DESCRIPTION BY CHECKED APPROVED	HNTB-B&C JOINT VENTURE B&C TRANSIT INC.	DESIGNED: R. ALMEIDA CHECKED: T. KAPEN APPROVED: M. BAILEY	CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED: DIRECTOR OF TRANSPORTATION	CONTRACT NO. 1256 SHEET NO. SG-156 REGION 08
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POLE No.	TYPE OF POLE	LUMINAIRE (FPS)		VEHICLE SIGNAL			PEDESTRIAN SIGNAL		REMARKS
		No.	VOLTAGE/WATTS	TYPE	MOUNTING (F/D)	No.	TYPE	MOUNTING (F/D)	
1	MUNI COMBO POLE WITH 12m M.A.	21 24 54 TC		3S12" 3S12" 3S12" LA IS16x16"	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 44 56 12 TC LRV2B LRV1B		3S12" 3S12" 3S12" LA 2S12" T 2S12" T	MAS MAS SV-1-T SV-1-T SV-2-T	40 47 TC TC 426	IS 16" x 16"	DET. 2	PPB SEE DET. 3 WITHOUT LRV SIGNALS CAMERA
8	TYPE 1-A (1.2m)								PPB
9	MUNI COMBO POLE	LRV6A LRV2Y		2S12" T 2S12" T	SV-1-T SV-1	430 428 429 TC	IS-C 16"x16"	DET. 2	PPB
10	MUNI COMBO POLE WITH 9m M.A.	14 61 64 TC		3S12" LA 3S12" 3S12" IS 16"x16"	MAS 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 LRV6B 84 84 TC LRV2X		3S12" LA 3S12" LA 2S12" T 3S12" 3S12" 1S 16"x16" 2S12" T 2S12" T	SV-1-T SV-1-T SV-1 MAS MAS MAS MAT SV-1	828 829 TC	IS-C 16"x16"	DET. 1	PPB SEE DET. 3 CAMERA
15	MUNI COMBO POLE	LRV2A LRV6B		2S12" T 2S12" T	SV-1 SV-1	80 827 TC	IS-C 16"x16"	DET. 1	PPB

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

M.A. = MAST ARM

SCALE: 1" = 20'

5m 0 5m 10m

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

TRAFFIC SIGNAL INVENTORY DIAGRAM  
4TH AND KING STS INTERSECTION

DATE: 7/06  
SCALE: 1:200

DATE: 7/07  
SHEET OF SHEETS: 1 OF 2

DATE: 7/25/06  
DESCRIPTION: TRAFFIC SIGNAL UPGRADE FOR THIRD STREET LIGHT RAIL CT#MR-1141

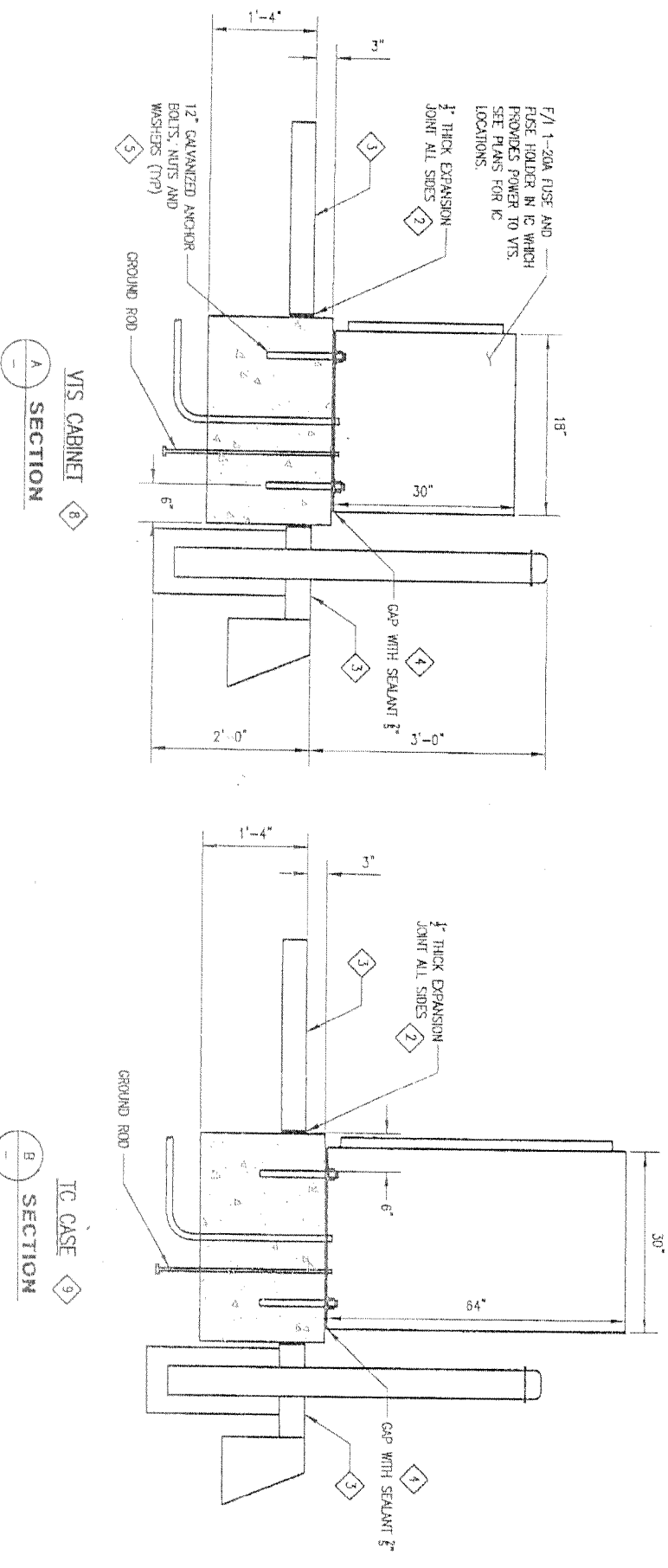
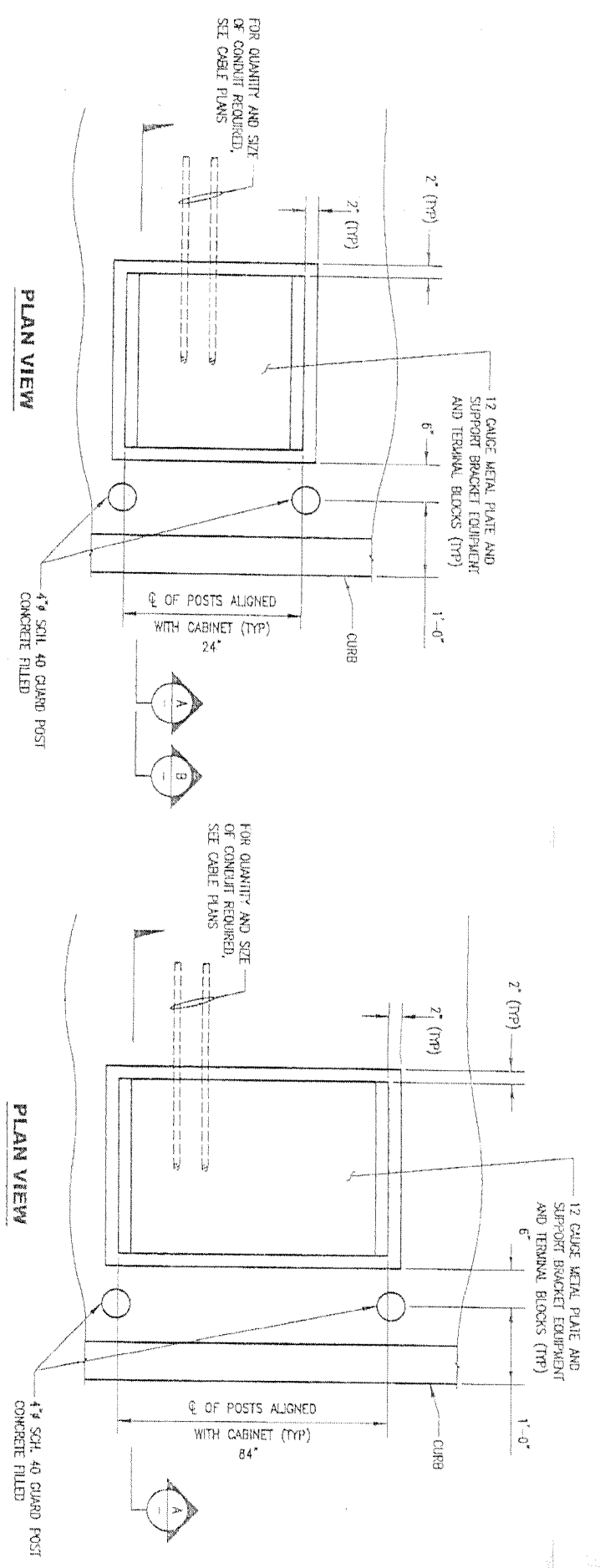
BY: AH  
APP: [Signature]

COMPLETION DATE: /  
ELECTRICIAN INITIAL: [Signature]

CHK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

FILE NAME: M305571.dwg  
ORIGIN: DPT  
SCALE FACTOR: 20  
EXTERNAL REFERENCES: [List of references]

SENSITIVE SECURITY INFORMATION



CABINET INSTALLATION DETAILS

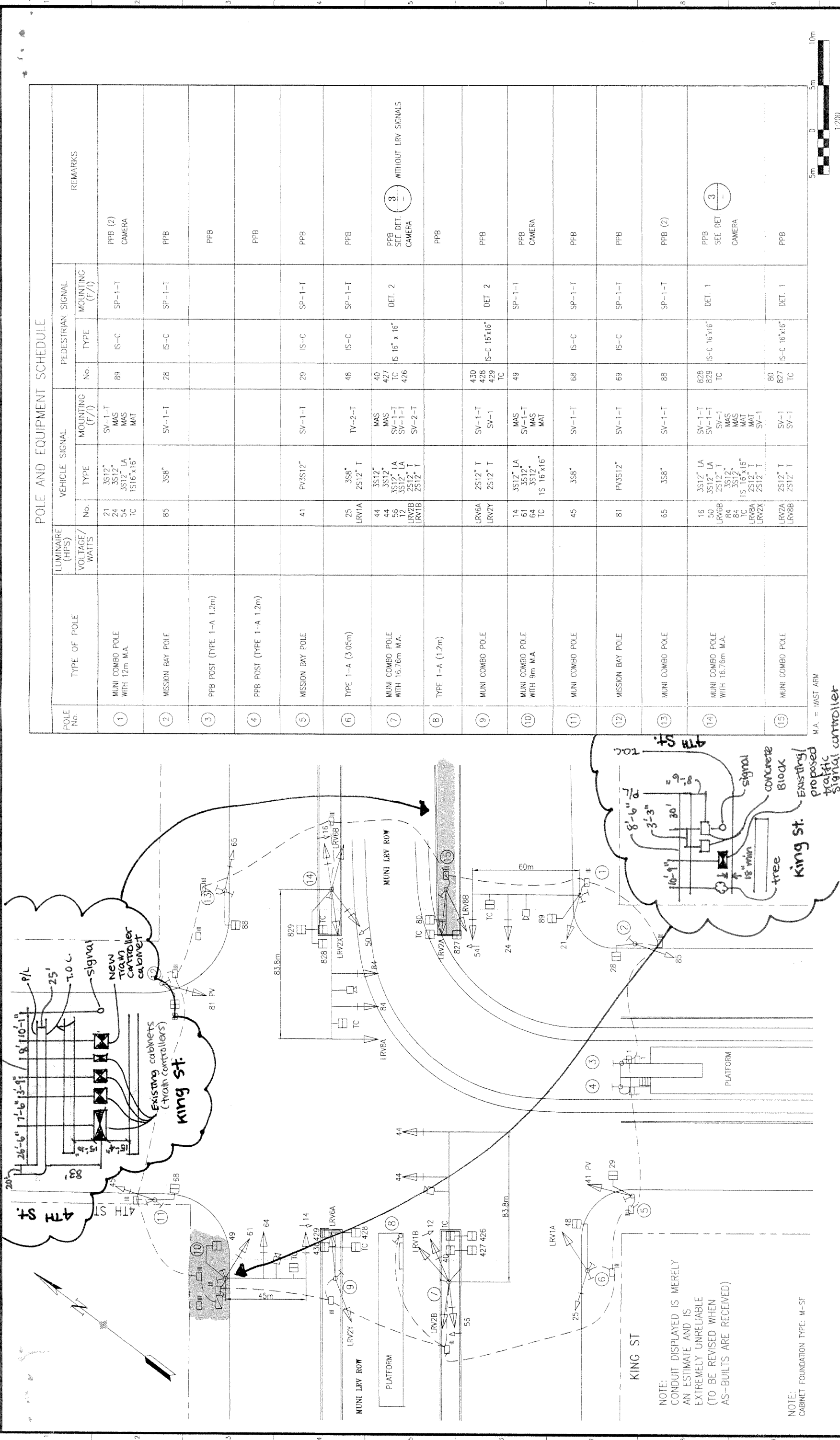
NOTES:

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II COBALT 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 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 77 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 TEES, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" FREE EXPANSION JOINT SHALL BE BITUMINOUS MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION SEALTIGHT FREE EXPANSION JOINT.
3. RECONSTRUCT SIDEWALK TO NEAREST JOINT. COMPACT SANDPAPER TO AVERAGE OF 95% RELATIVE COMPACTION.
4. FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORING 751 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. ITC CASE SHALL BE INSTALLED AT 4TH & BLUENOME AND 4TH & KING.

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

DATE: 01/13/2012 DRAWN BY: [Name] CHECKED BY: [Name] APPROVED BY: [Name]	<b>HNTB-B&amp;C</b> JOINT VENTURE B&C TRANSIST INC	PROJECT: HNTB-B&C CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED: [Signature] DIRECTOR OF TRANSPORTATION	CONTRACT NO: 1256 SHEET NO: SG-156 REVISED: 08
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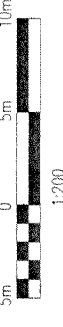
THIRD STREET LIGHT RAIL PROGRAM  
 PHASE 2 - CENTRAL SUBWAY  
 SURFACE, TRACK AND SYSTEMS  
 SURFACE SIGNALING  
 CABINET INSTALLATION DETAILS



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 1S16"x16"	SV-1-T 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 44 56 12 LRV2B LRV1B	3S12" 3S12" 3S12" LA 2S12" 2S12" T	MAS MAS SV-1-T SV-1-T SV-2-T	40 427 426	IS 16" x 16"	DET. 2	PPB SEE DET. 3 WITHOUT LRV SIGNALS CAMERA
⑧	TYPE 1-A (1.2m)								PPB
⑨	MUNI COMBO POLE		LRV6A LRV2Y	2S12" T 2S12" T	SV-1-T SV-1	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"	MAS SV-1-T MAS MAT	49	IS-C	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	IS-C	SP-1-T	PPB (2)
⑭	MUNI COMBO POLE WITH 16.76m M.A.		16 50 LRV6B 84 84 TC LRV6A LRV2X LRV2A	3S12" 3S12" LA 2S12" T 3S12" 3S12" LA 1S 16"x16" 2S12" T	SV-1-T SV-1-T MAS MAS MAT MAT SV-1	828 829 TC	IS-C 16"x16"	DET. 1	PPB SEE DET. 3 CAMERA
⑮	MUNI COMBO POLE		LRV2A LRV8B	2S12" T 2S12" T	SV-1 SV-1	80 827 TC	IS-C 16"x16"	DET. 1	PPB

M.A. = MAST ARM



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

TRAFFIC SIGNAL INVENTORY DIAGRAM  
4TH AND KING STS INTERSECTION

CNN NO. 23796000  
REV. NO.

DATE: 7/06  
SCALE: 1:200  
SHEET OF SHEETS: 1 OF 2

DATE: 7/07  
SHEET OF SHEETS: 1 OF 2

DRAWN: DY  
CHECKED: AH

COMPLETION DATE / ELECTRICIAN INITIAL

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






**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, Traffic Signal Cabinet, Communication Cabinet and  
Electrical Cabinet Installation on 4<sup>th</sup> Street and Brannan Street

RECEIVED  
BUREAU OF STREET USE & MAPPING

MAY 09 2013

DEPT OF PUBLIC WORKS

*AK*  
*pmc* 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 (Vehicle Tagging System Cabinet, Traffic Signal Controller Cabinet, Communication Cabinet, and Electrical Cabinet) on 4<sup>th</sup> Street and Brannan 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 2, 2013 Proposed Location: 4<sup>th</sup> Street and Brannan 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, traffic signal controller, communication cabinet, and electrical cabinets is o.k.

Reviewed By Rene Lopez RML 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 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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 east on the northeast corner of 4<sup>th</sup> Street and Brannan 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 east next to the existing traffic signal controller cabinet on the northeast corner of 4<sup>th</sup> Street and Brannan Street. There is no existing communication cabinet or electrical cabinet. The new communication cabinet and electrical cabinet will be installed facing north on the northeast corner of 4<sup>th</sup> Street and Brannan Street. Parking meter and space #330-04940 will be removed.

04TH ST	FRELON ST intersection								<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST intersection	PAVING	Central Subway P2-CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	SFPARK	SFpark sensors	2/4/2011	12/31/2015	1791	Under Construction		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	PAVING	Central Subway P2-CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST intersection	SFWD	14-022	11/1/2014	9/1/2015	304	Proposed		<ul style="list-style-type: none"> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	SFPARK	SFpark sensors	2/4/2011	12/31/2015	1791	Under Construction		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	PAVING	Central Subway P2-CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>
04TH ST	BLUXOME ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	BLUXOME ST intersection	PAVING	Central Subway P2-CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>

BRANNAN ST	ZOE ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFPARK	Sfpark sensors	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	PAVING	Pavement Renovation - Brannan St	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	• paving conflict • needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFPARK	Sfpark sensors	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	PAVING	Pavement Renovation - Brannan St	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	05TH ST intersection	MUNI	Central Subway	4/1/2013	10/1/2015	913	Proposed	• moratorium ends 1/13/2014 • needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	PAVING	Pavement Renovation - Brannan St	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	DPT	Reopening Closed Crosswalks	9/1/2013	12/1/2014	456	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	PAVING	Pavement Renovation - Brannan St	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	END intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
BRANNAN ST	END to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (650 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
		SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	

ADD → BRANNAN ST. BET. ZOE ST. TO 04TH ST. CENTRAL SUBWAY  
<http://bsm.sfdpw.org/5year/view/projects.aspx> 5/7/2013

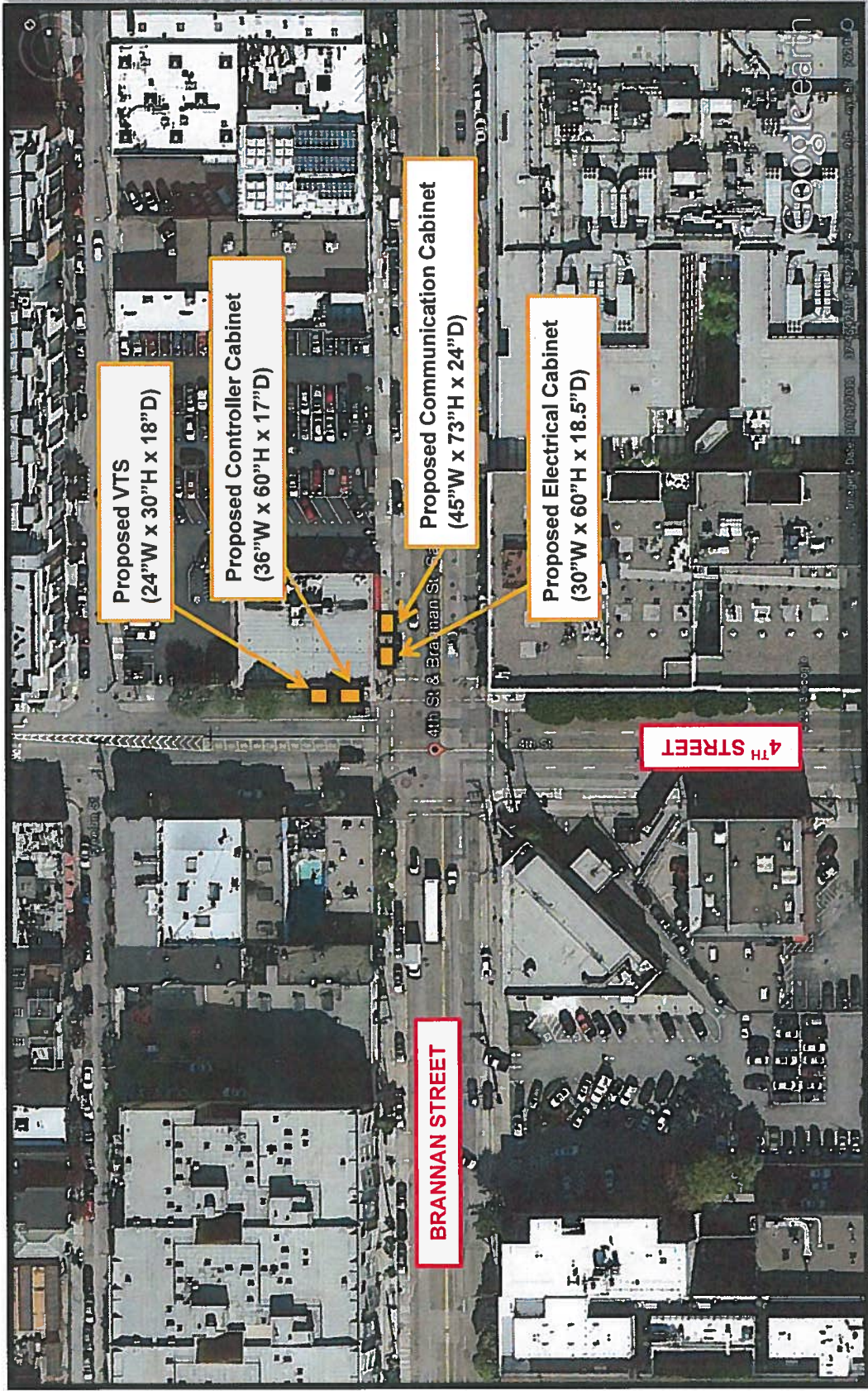
## DIMENSIONS FOR M-SF CONTROLLER CABINET



Controller Cabinet is 36"W x 60"H x 17"D;

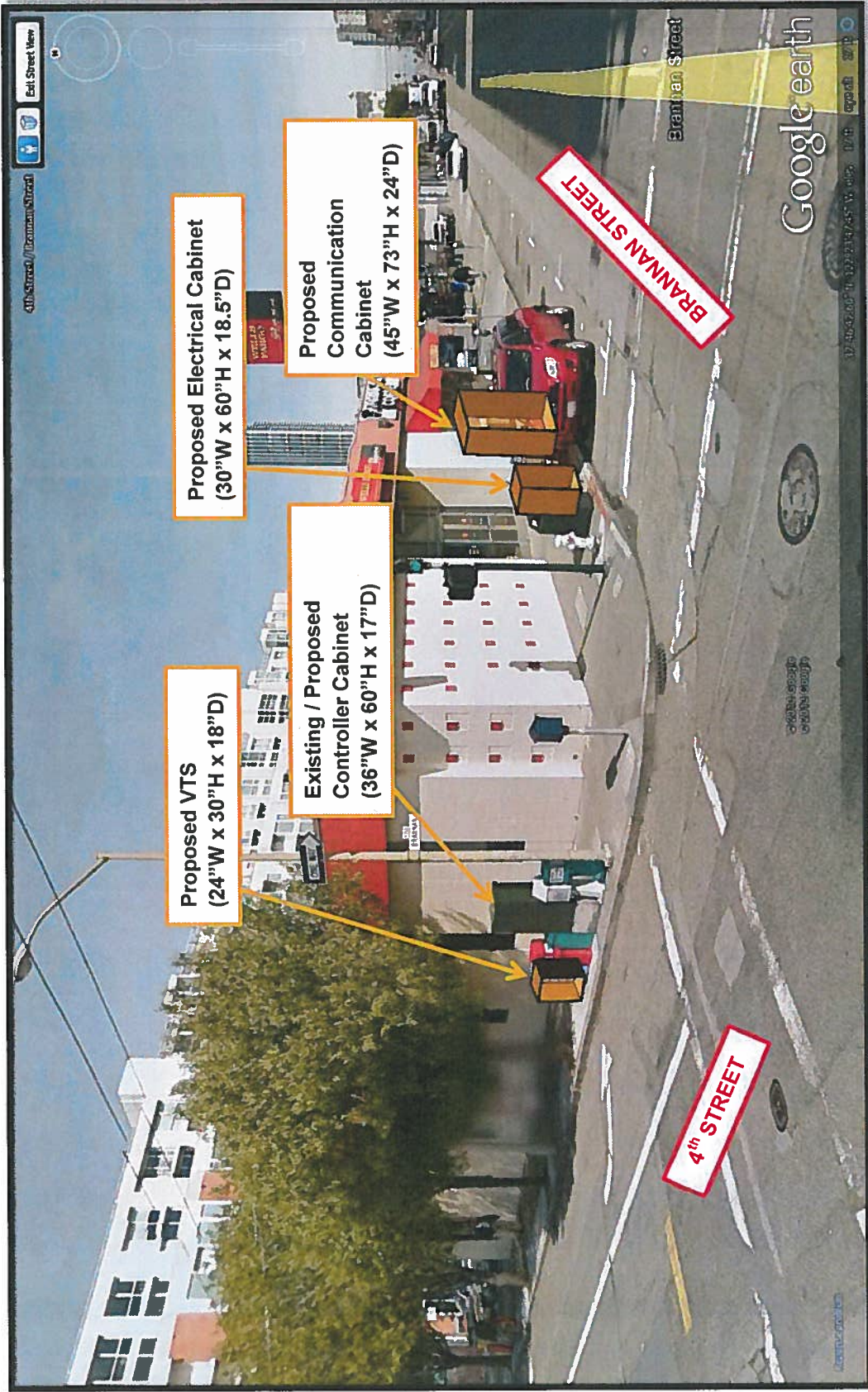
Concrete Foundation is 38"W x 2"H x 19"D

Total Height (Cabinet and Foundation): 62"



4<sup>th</sup> STREET AND BRANNAN STREET – AERIAL VIEW

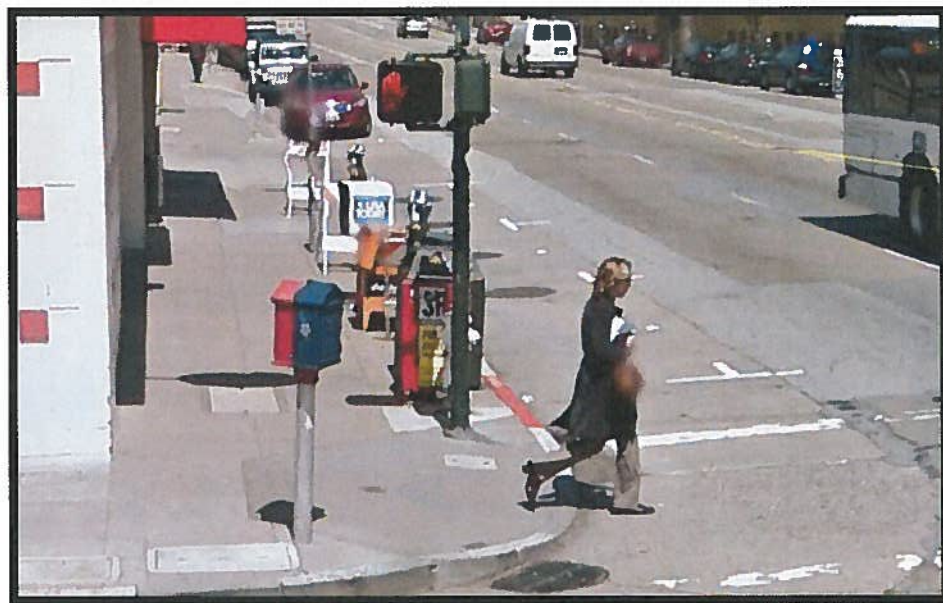




**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER (PROPOSED LOCATION)**

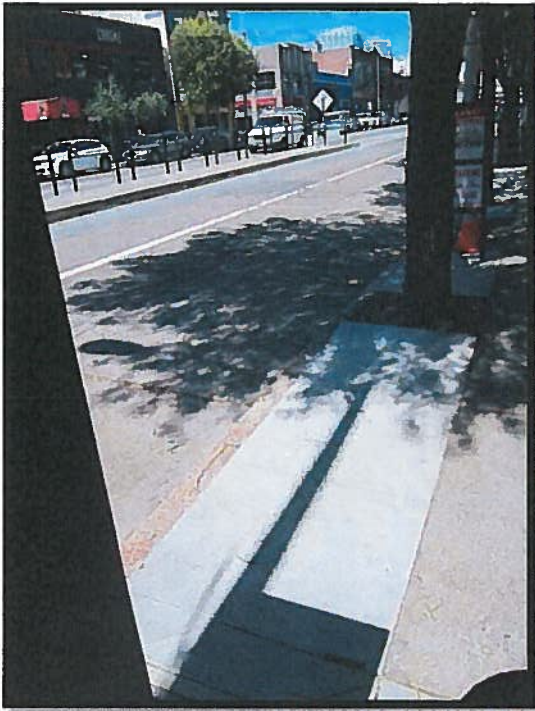


**FACING NORTH**

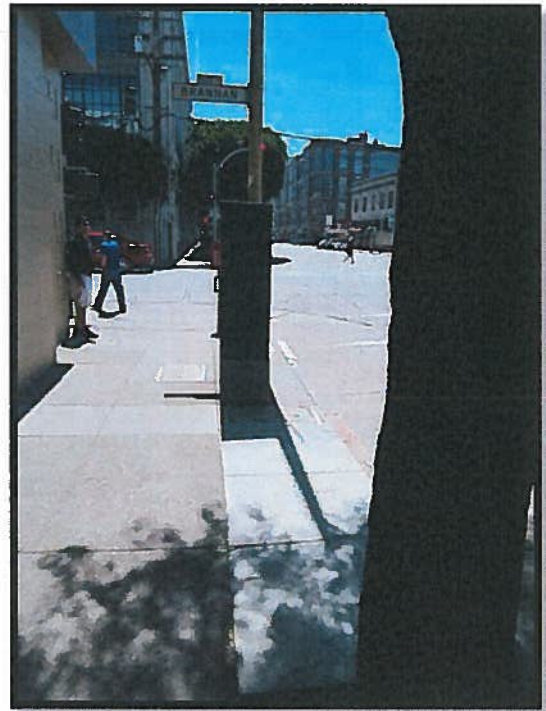


**FACING EAST**

**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Communication Cabinet and Electrical Cabinet Location)**



**FACING NORTH**

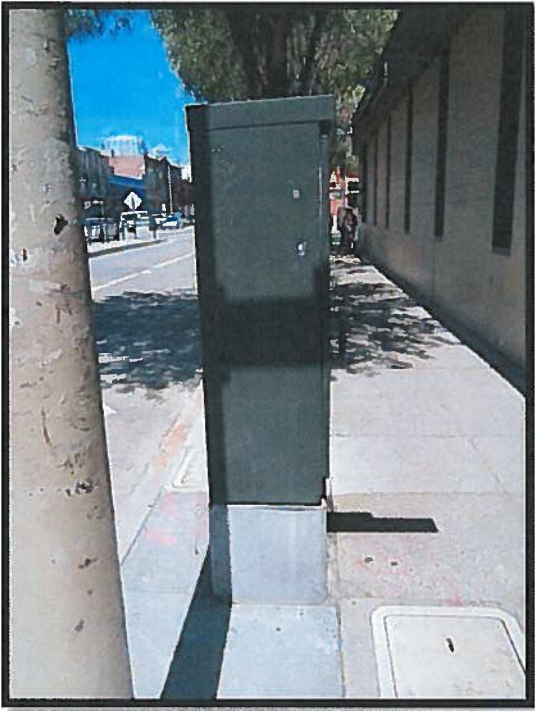


**FACING SOUTH**

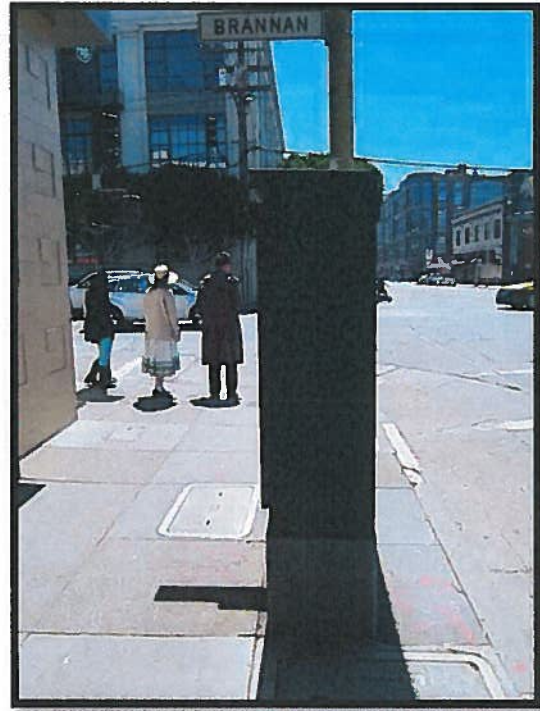


**FACING EAST**

**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Vehicle Tagging System Cabinet Location)**



**LEFT SIDE**



**RIGHT SIDE**



**BACK SIDE**

**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Existing Traffic Signal Controller Cabinet)**

San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> 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, traffic signal controller cabinet, communication cabinet, and electrical cabinet at the northeast corner of 4<sup>th</sup> Street and Brannan 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, communication, and electrical cabinets 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, communication, and electrical cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at Brannan 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, communication, and electrical 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](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3<sup>rd</sup> 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,

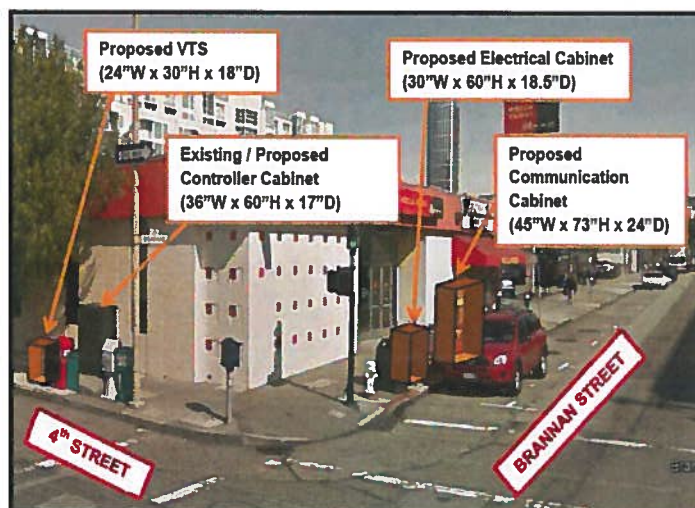
Al Herce  
San Francisco Municipal Transportation Agency  
Central Subway Project  
One South Van Ness Avenue, 7<sup>th</sup> Floor  
San Francisco, CA 94103  
(415) 701-4552

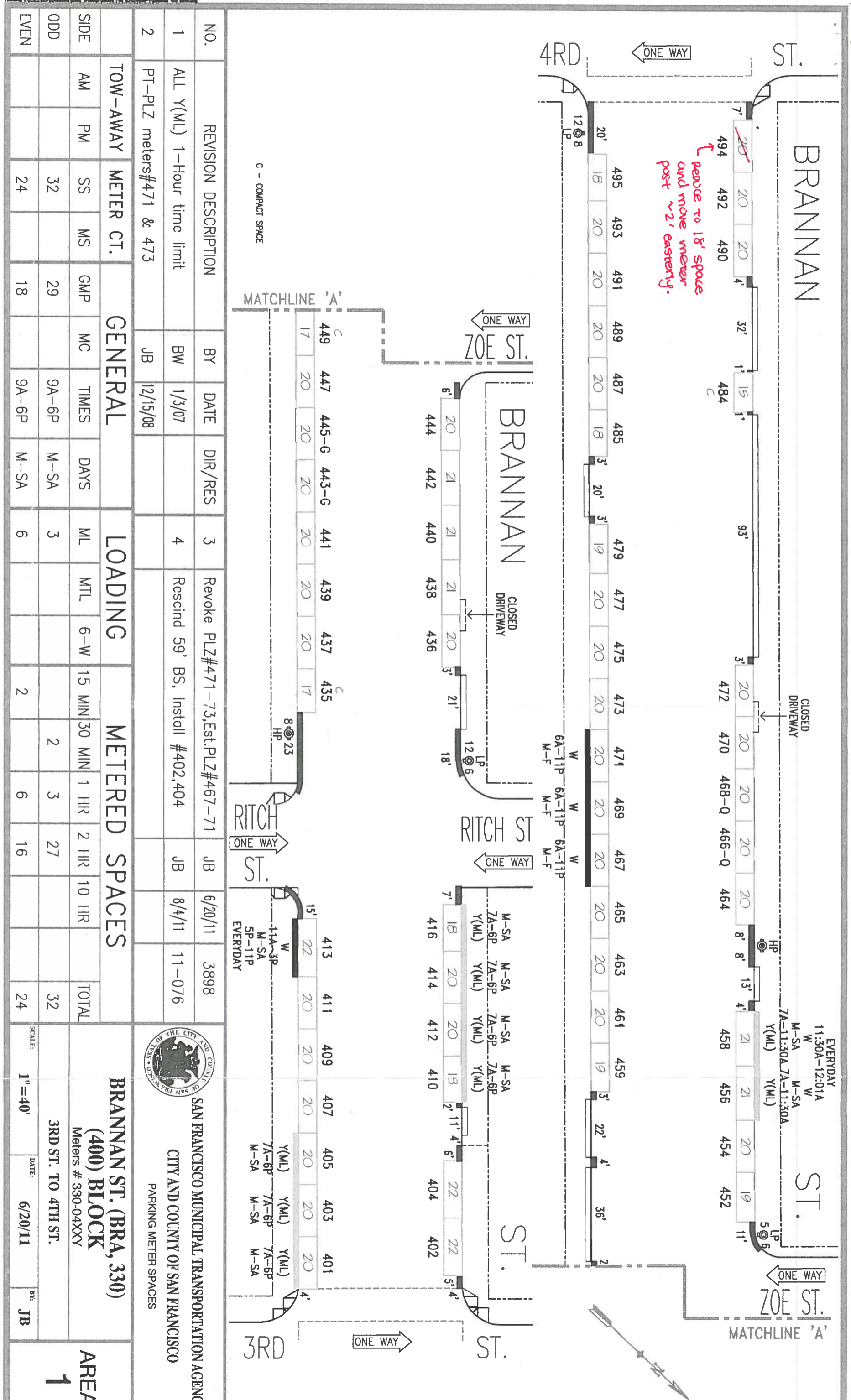
VTS Cabinet is 24"W x 30"H x 18"D;  
Total Height (Cabinet, Foundation, and Posts): 36"

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

Communication Cabinet is 45"W x 73"H x 24"D;  
Total Height (Cabinet and Foundation): 79"

Electrical Cabinet is 30"W x 60"H x 18.5"D;  
Total Height (Cabinet and Foundation): 66"





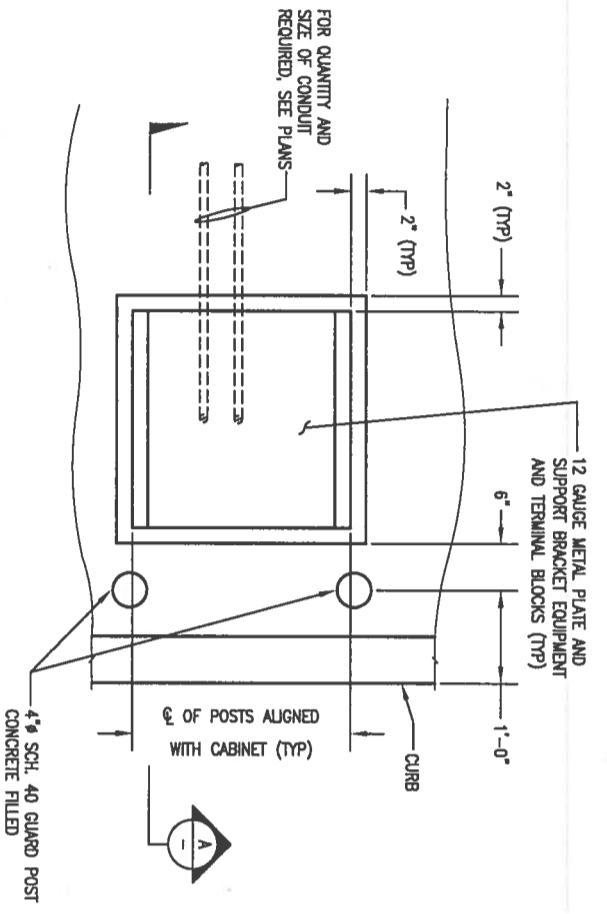
NO.	REVISION DESCRIPTION	BY	DATE	DIR/RES	3	Revoke PLZ#471-73, Est. PLZ#467-71	JB	6/20/11	3898
1	ALL Y(ML) 1-Hour time limit	BW	1/3/07		4	Rescind 59' BS, Install #402,404	JB	8/4/11	11-076
2	PT-PLZ meters#471 & 473	JB	12/15/08						

SIDE	TOW-AWAY			METER CT.			GENERAL			LOADING			METERED SPACES			TOTAL		
	AM	PM	SS	MS	GMP	MC	TIMES	DAYS	ML	MTL	6-W	15 MIN	30 MIN	1 HR	2 HR		10 HR	
ODD			32		29		9A-6P	M-SA	3				2		3	27		32
EVEN			24		18		9A-6P	M-SA	6				2		6	16		24

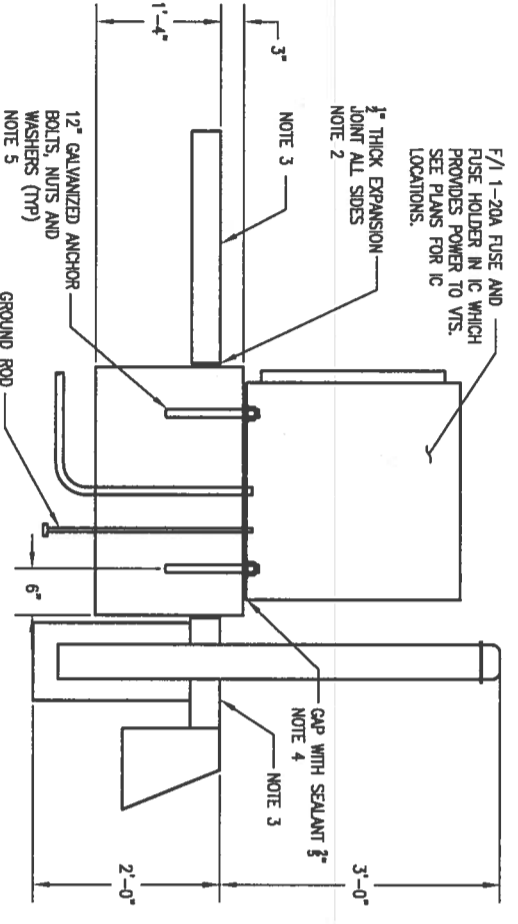

 SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY  
 CITY AND COUNTY OF SAN FRANCISCO  
 PARKING METER SPACES

**BRANNAN ST. (BRA, 330)**  
**(400) BLOCK**  
 Meters # 330-04XX  
 3RD ST. TO 4TH ST.  
 SCALE: 1" = 40'  
 DATE: 6/20/11  
 BY: JB

AREA 1



**PLAN**



**VTS CABINET  
SECTION A-A**

**VTS CABINET INSTALLATION DETAILS**

NTS

DATE	DESCRIPTION	BY	CHECKED	APPROVED
03/01/2011	ISSUED FOR B&C DESIGN SUBMITTAL	OA		

**HNTB-B&C**  
JOINT VENTURE

DESIGNED	DRAWN	CHECKED	APPROVED
R. ALDINA	D. QUAY		



CITY AND COUNTY OF SAN FRANCISCO  
**MUNICIPAL TRANSPORTATION AGENCY**  
 APPROVED  
 EXECUTIVE DIRECTOR/CAD

THIRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY SURFACE SIGNALING AND SYSTEMS	CONTRACT NO. <b>1256</b>
SURFACE SIGNALING VTS CABINET INSTALLATION DETAILS	DRAWING NO. <b>SG-156</b>
	SHEET NO. <b>0A</b>

- NOTES:**
- 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:
    - CONCRETE MIX DESIGNS PREPARED BY A RECOGNIZED TESTING LABORATORY SHOWING THE FOLLOWING INFORMATION FOR THE MIX PROPOSED TO BE USED:
      - PROPORTION OF COMPONENTS IN THE MIX
      - BRAND OF CEMENT
      - SOURCE OF AND GRADATION OF AGGREGATES
      - WATER-CEMENT RATIO BY WEIGHT
      - COMPRESSIVE STRENGTHS IN ACCORDANCE WITH ASTM C 39 AT 72 HOURS AND 28 DAYS
    - 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
  - FIBER EXPANSION JOINT SHALL BE BITUMINOUS 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.
  - RECONSTRUCT SIDEWALK TO NEAREST JOINT PER STANDARD SPEC-SECTION 204, COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
  - FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORING 791 SILICONE PERIMETER SEALANT.
  - ANCHOR BOLT LOCATIONS AND DIAMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
  - ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
  - 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.

## 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 4<sup>th</sup> Street and Brannan Street

OK  
PML 4/9/13  
w/ COMMENTS  
ON NO. 8 OF TAB  
CHECKLIST (EXH. A)  
NOTICE PHOTO  
A WG.

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Vehicle Tagging System Cabinet) on 4<sup>th</sup> Street and Brannan 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: 4<sup>th</sup> Street at Brannan Street

- 1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- 2. Verification that cabinet size is consistent with the plans on file.
- 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
- 4. Verification of attempts to place Surface-Mounted Facility underground.
- 5. Verification of attempts to collocate the Surface-Mounted Facility.
- 6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- 7. Verification that proposed locations conforms to the placement guidelines.
- 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

An existing signal controller cabinet is on the NE corner facing west. There is no existing VTS cabinet. The new VTS cabinet will be placed next to the signal controller on the NE corner also facing west.

SOUTHWEST

SOUTHWEST.

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
		MUNI	4/1/2013	Central Subway	913
04TH ST	WELSH ST to FREELON ST (530 - 568)	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
		MUNI	4/1/2013	Central Subway	913
04TH ST	FREELON ST to BRANNAN ST (569 - 599)	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
		MUNI	4/1/2013	Central Subway	913
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	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
BRADFORD ST	MAYFLOWER ST to BERNAL HEIGHTS BLVD (51 - 74)				
BRADFORD ST	BERNAL HEIGHTS BLVD to POWHATTAN AVE (73 - 99)	PAVING	7/1/2013	BSSR	120
BRADFORD ST	POWHATTAN AVE intersection	SEWER	7/1/2015	N/A	20
BRADFORD ST	POWHATTAN AVE to CORTLAND AVE (100 - 199)	SEWER	3/1/2012	N/A	20
BRADFORD ST	TOMPKINS AVE intersection	PGE PGE	7/21/2011 10/24/2011	30831637 ++PGE New Service	1 4
BRADY ST	MARKET ST to STEVENSON ST (1 - 17)	SEWER	2/1/2012	N/A	20
BRADY ST	STEVENSON ST intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRADY ST	STEVENSON ST to COLTON ST (18 - 53)	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRADY ST	COLTON ST intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRADY ST	COLTON ST to OTIS ST (48 - 99)	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRANNAN ST	THE EMBARCADERO intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRANNAN ST	THE EMBARCADERO to DELANCEY ST (1 - 199)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	DELANCEY ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	DELANCEY ST to COLIN P KELLY JR ST (200 - 270)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	COLIN P KELLY JR ST intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	COLIN P KELLY JR ST to 02ND ST (269 - 299)	PGE PAVING	1/1/2013 7/1/2016	+SPOT MAIN - BRANNAN Pavement Renovation- Brannan St.	365 515
BRANNAN ST	02ND ST intersection	SFPARK PGE PAVING	2/4/2011 1/1/2013 7/1/2016	SFpark sensors +SPOT MAIN - BRANNAN Pavement Renovation- Brannan St.	696 365 515
BRANNAN ST	02ND ST to STANFORD ST (300 - 327)	DPWGREEN PGE PAVING	6/13/2012 1/1/2013 7/1/2016	Great Streets - 2nd Street +SPOT MAIN - BRANNAN Pavement Renovation- Brannan St.	433 365 515
BRANNAN ST	STANFORD ST intersection	SFPARK SEWER PAVING	2/4/2011 7/1/2015 7/1/2016	SFpark sensors N/A Pavement Renovation- Brannan St.	696 20 515
BRANNAN ST	STANFORD ST to JACK LONDON ALY (324 - 353)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	JACK LONDON ALY intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	JACK LONDON ALY to 03RD ST (350 - 399)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	03RD ST to RITCH ST (400 - 421)	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	RITCH ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	RITCH ST to ZOE ST (422 - 459)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	ZOE ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SEWER PAVING	2/1/2012 2/1/2012	1264J 1866J	213 304
BRANNAN ST	04TH ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
		SEWER MUNI PAVING SEWER	10/15/2012 4/1/2013 7/1/2016 1/1/2017	1424J-7 Central Subway Pavement Renovation- Brannan St. 1467JB	492 913 515 365

NOT IN  
RIP

STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFPARK	2/4/2011	SFpark sensors	696
		MUNI	4/1/2013	Central Subway	913
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	05TH ST intersection				
		MUNI	4/1/2013	Central Subway	913
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection				
		DPT	6/1/2011	Reopening Closed Crosswalks	580
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND to HARRIET ST (700 - 720)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	HARRIET ST intersection				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	HARRIET ST to LUCERNE ST (715 - 743)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	LUCERNE ST intersection				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	LUCERNE ST to BOARDMAN PL (736 - 751)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BOARDMAN PL intersection				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BOARDMAN PL to BUTTE PL (750 - 761)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BUTTE PL intersection				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BUTTE PL to GILBERT ST (754 - 779)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	GILBERT ST intersection				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	GILBERT ST to 07TH ST (780 - 799)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	07TH ST to 08TH ST (800 - 899)				
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	08TH ST intersection				
		PAVING	11/1/2011	1678J	335
BRANNAN ST	09TH ST intersection				
		PAVING	7/1/2012	1784J	150
		SFWD	11/1/2012	WD-2620	240
BRAZIL AVE	MISSION ST intersection				
		RAMPS	3/28/2011	1708J Various Locations Curb Ramps Contract No. 3	180
		DPT	1/1/2014	TEP Implementation	364
BRAZIL AVE	EDINBURG ST intersection				
		PGE	1/1/2013	+Excelsior 2	180
BRAZIL AVE	EDINBURG ST to NAPLES ST (500 - 599)				
		PGE	1/1/2013	+Excelsior 2	180
BRAZIL AVE	NAPLES ST intersection				
		PGE	1/1/2012	+Naples (HP)	181
		PAVING	7/1/2014	Naples St. Pavement Renovation	150
BRAZIL AVE	VIENNA ST intersection				
		SEWER	10/1/2012	N/A	20
BRAZIL AVE	VIENNA ST to ATHENS ST (700 - 799)				
		PGECOPPER	10/10/2013	CSRP	365
BRAZIL AVE	ATHENS ST intersection				
		PGE	8/1/2011	Athens	88
BRAZIL AVE	ATHENS ST to MOSCOW ST (800 - 899)				
		SEWER	7/1/2017	N/A	20
BRAZIL AVE	MOSCOW ST intersection				
		PAVING	7/1/2020	Moscow	150
BRAZIL AVE	MUNICH ST intersection				
		PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
BREEN PL	MCALLISTER ST intersection				
		MUNI	5/3/2010	21 Hayes	759
BRENTWOOD AVE	MANGELS AVE intersection				
		PGE	1/1/2012	+Monterey 6	181
		PAVING	7/1/2025	mangels	150
BRENTWOOD AVE	MANGELS AVE to HAZELWOOD AVE (1 - 99)				
		PGE	1/1/2012	+Monterey 6	181
		PAVING	7/1/2012	BSSR	120

NOT  
W/A

San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> 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 northeast corner of Fourth Street and Brannan Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

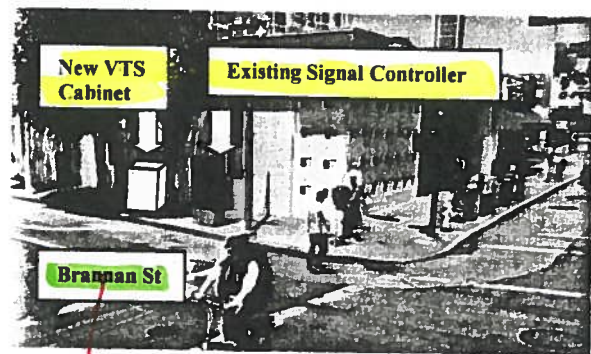
For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the Vehicle Tagging System cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside 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 the spaces. Traffic Signal Controller cabinets are already existing on Fourth Street at Brannan 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

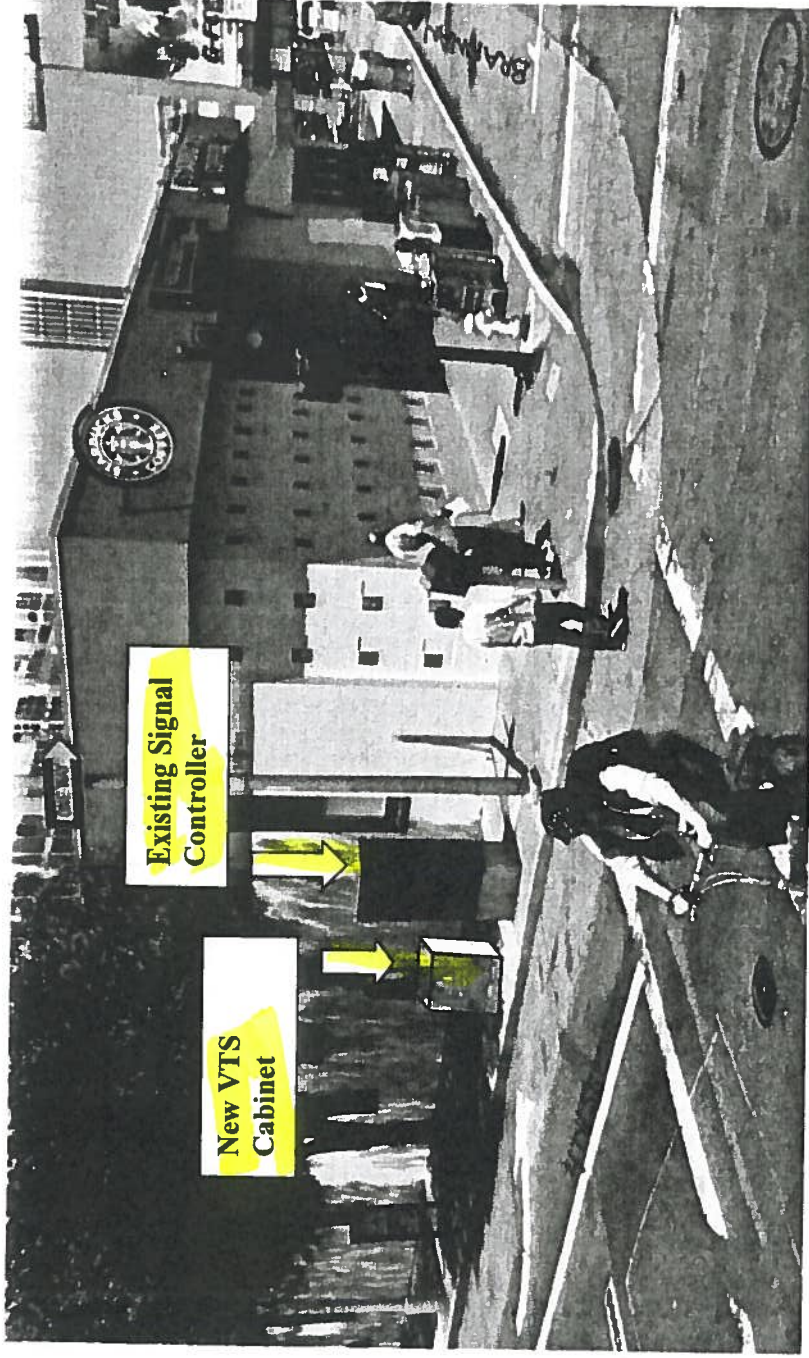


FOURTH ST.

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](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 03<sup>rd</sup> 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 & Brannan**  
(NE CORNER)



LOOKING NORTHEAST ACROSS 04<sup>TH</sup> ST. TOWARDS THE PROPOSED LOCATION.  
BRANNAN ST. IS ON THE RIGHT TO THE SOUTHEAST.  
(NEEDS PHOTO OF BOTH SIDES OF THE PROPOSED LOCATION OF  
THE CABINET & PLEASE IDENTIFY THE PHOTO.)



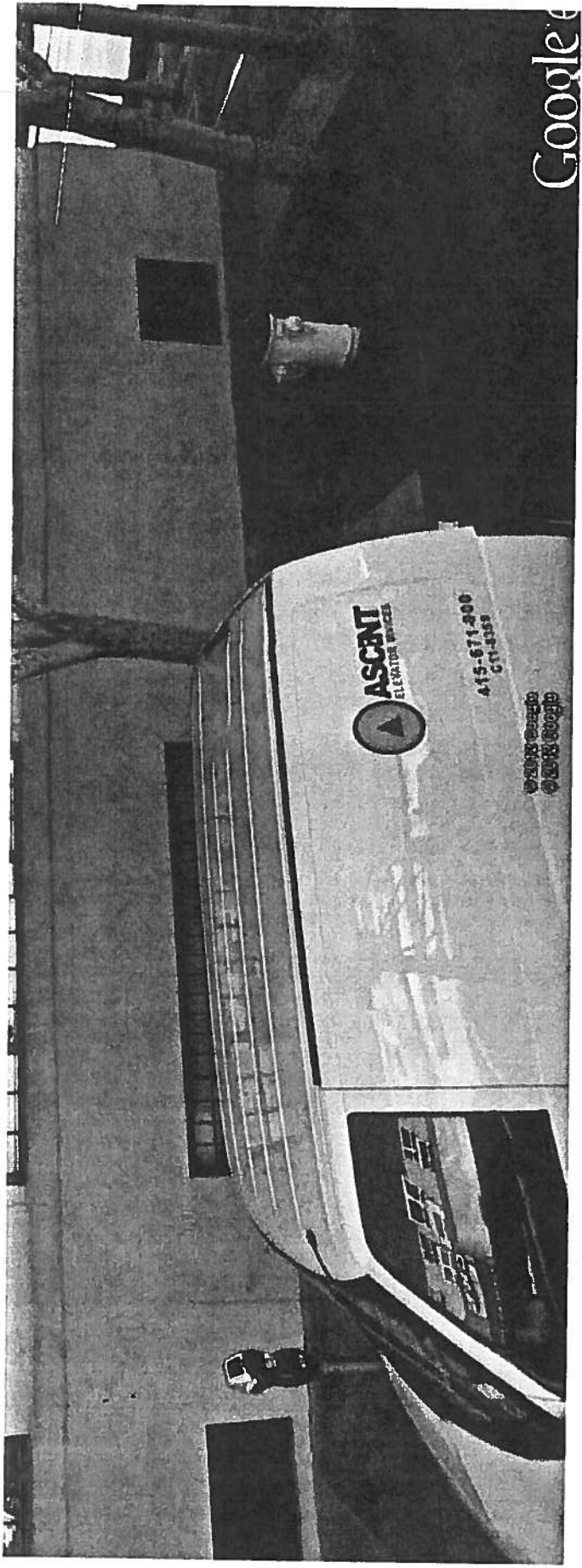
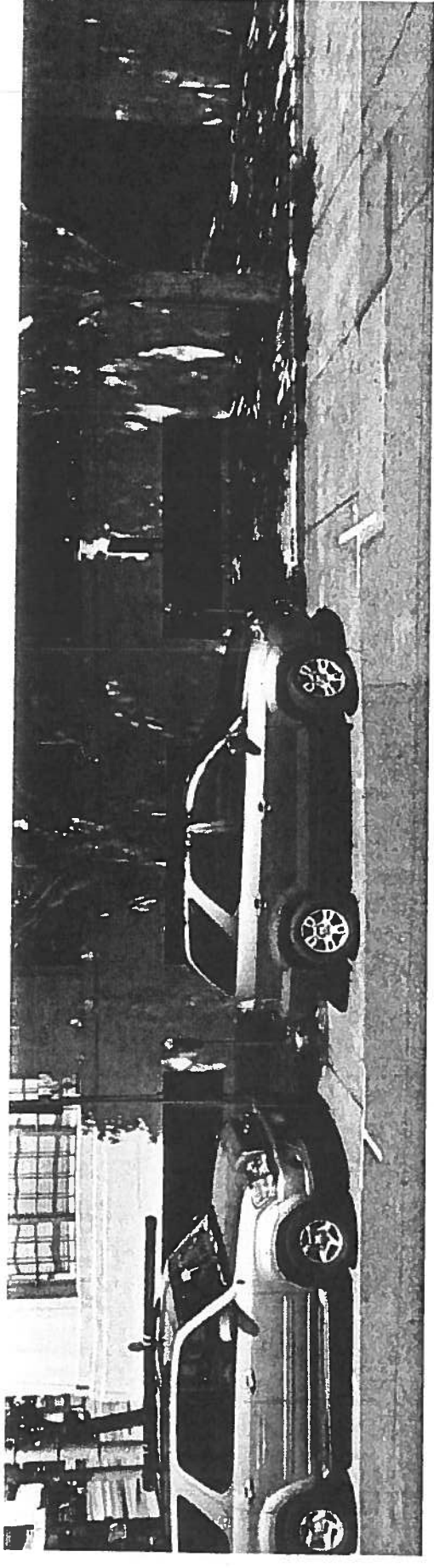
4<sup>TH</sup> & BRANNAN - AERIAL VIEW



PROPOSED LOCATION

4<sup>TH</sup> & BRANNAN - SE CORNER

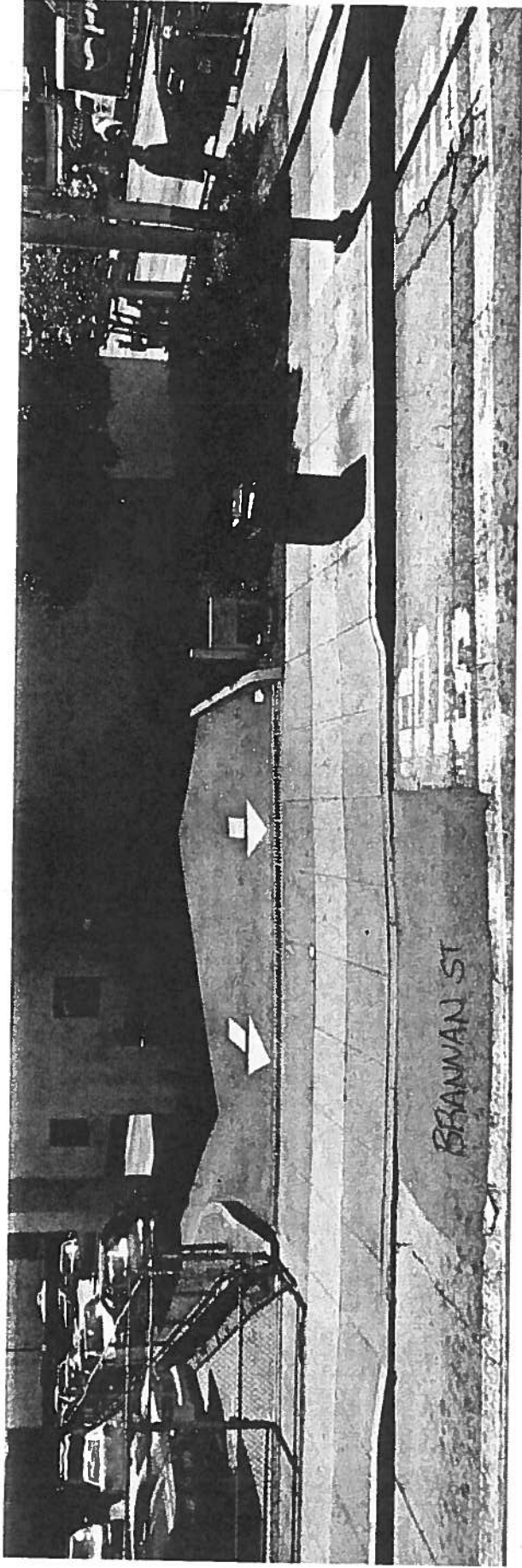
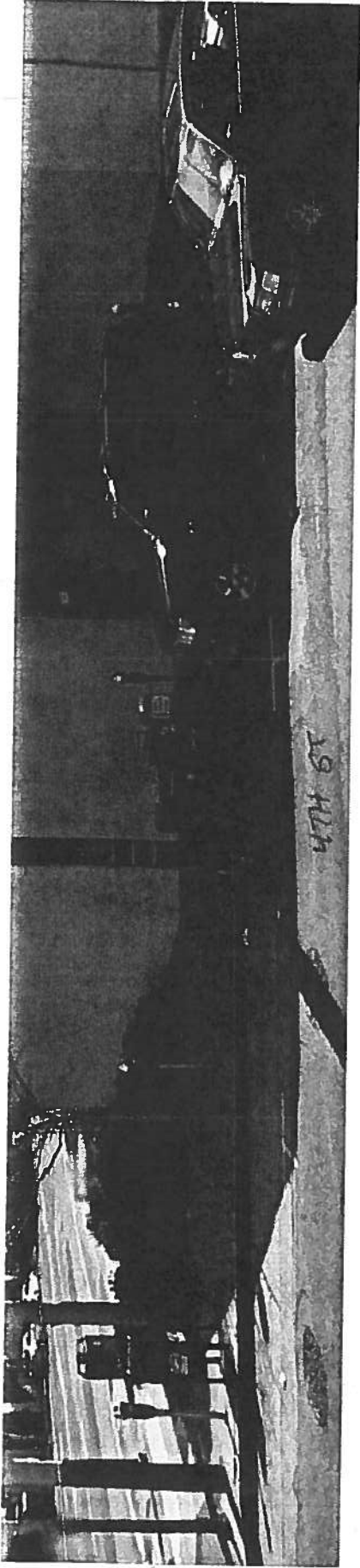
?



Google

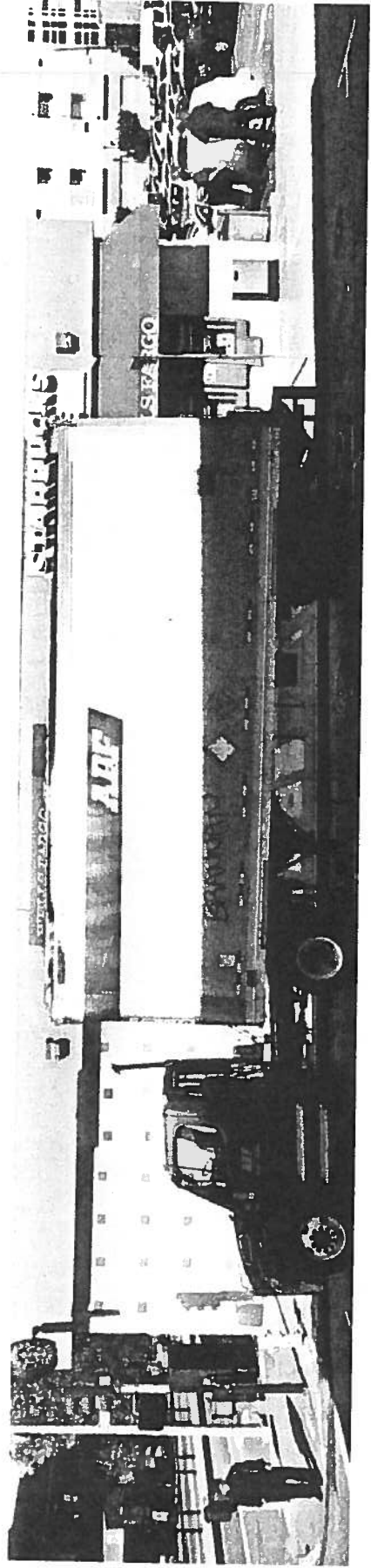
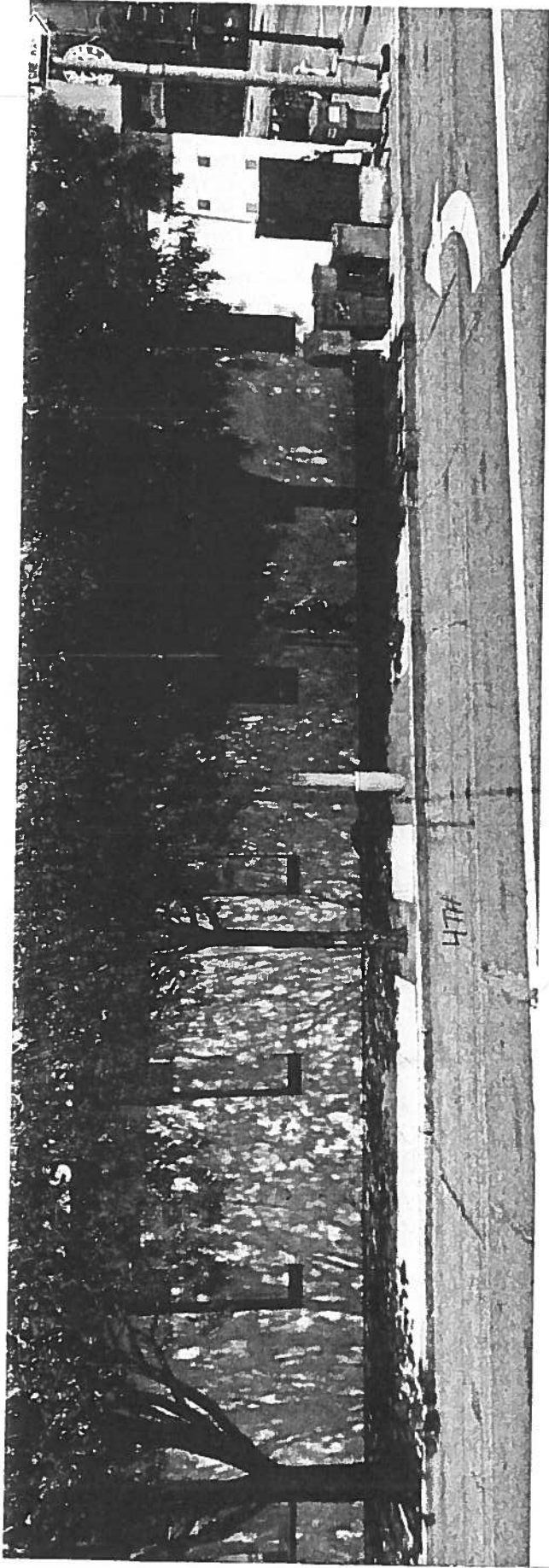
4<sup>TH</sup> & BRANNAN - SW CORNER

?



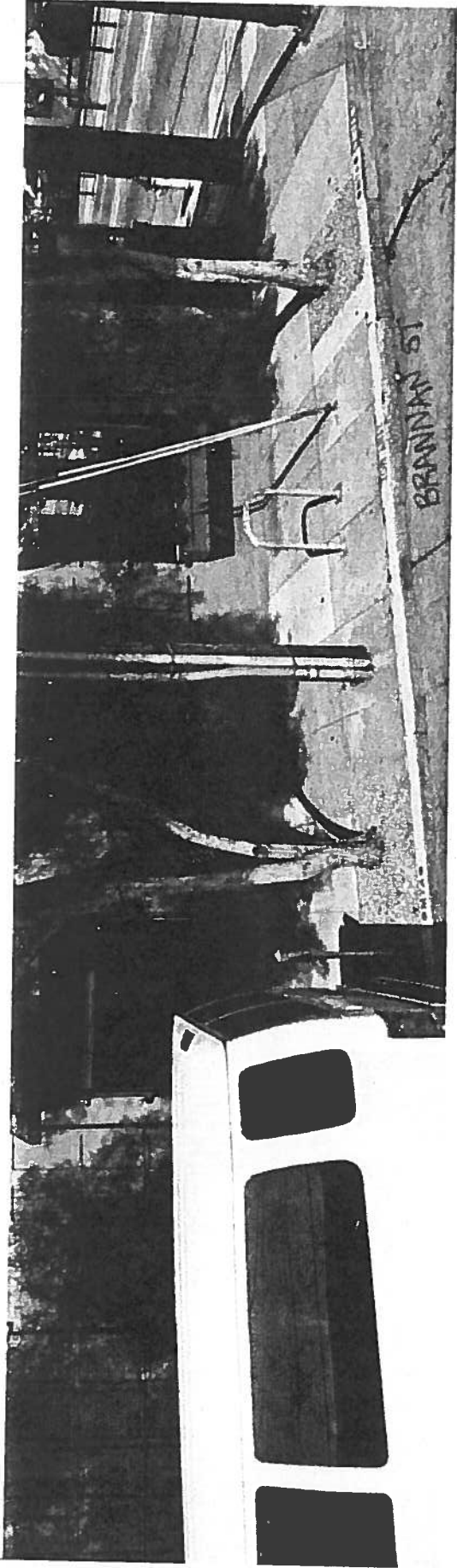
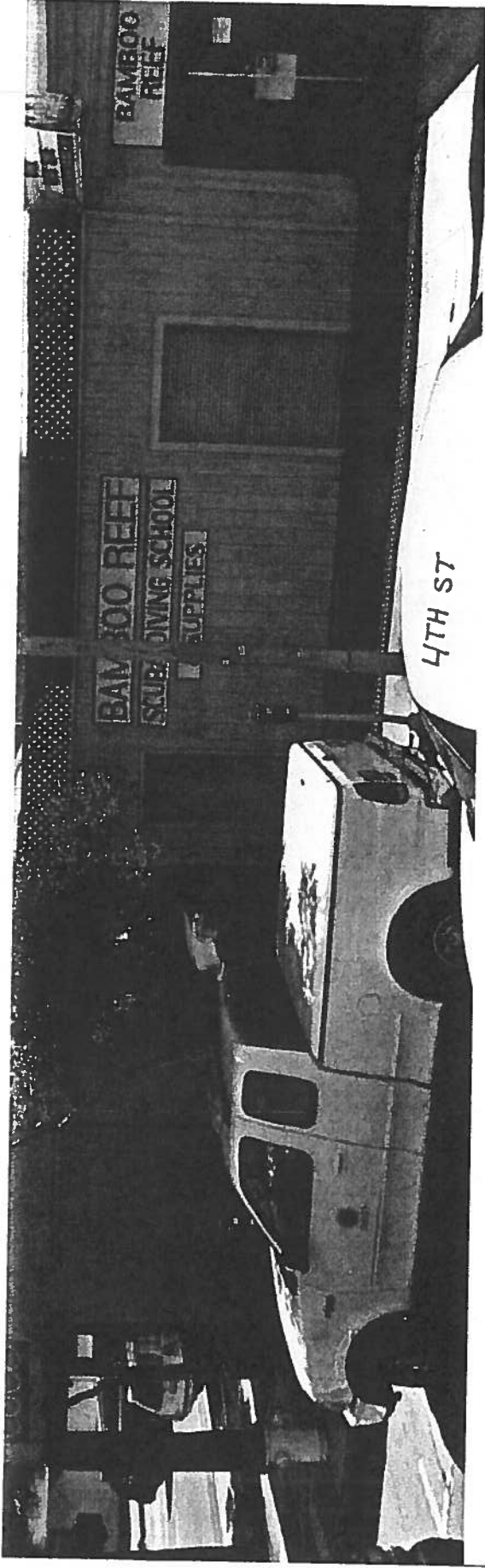
4<sup>TH</sup> & BRAUNNAN - NE CORNER

?



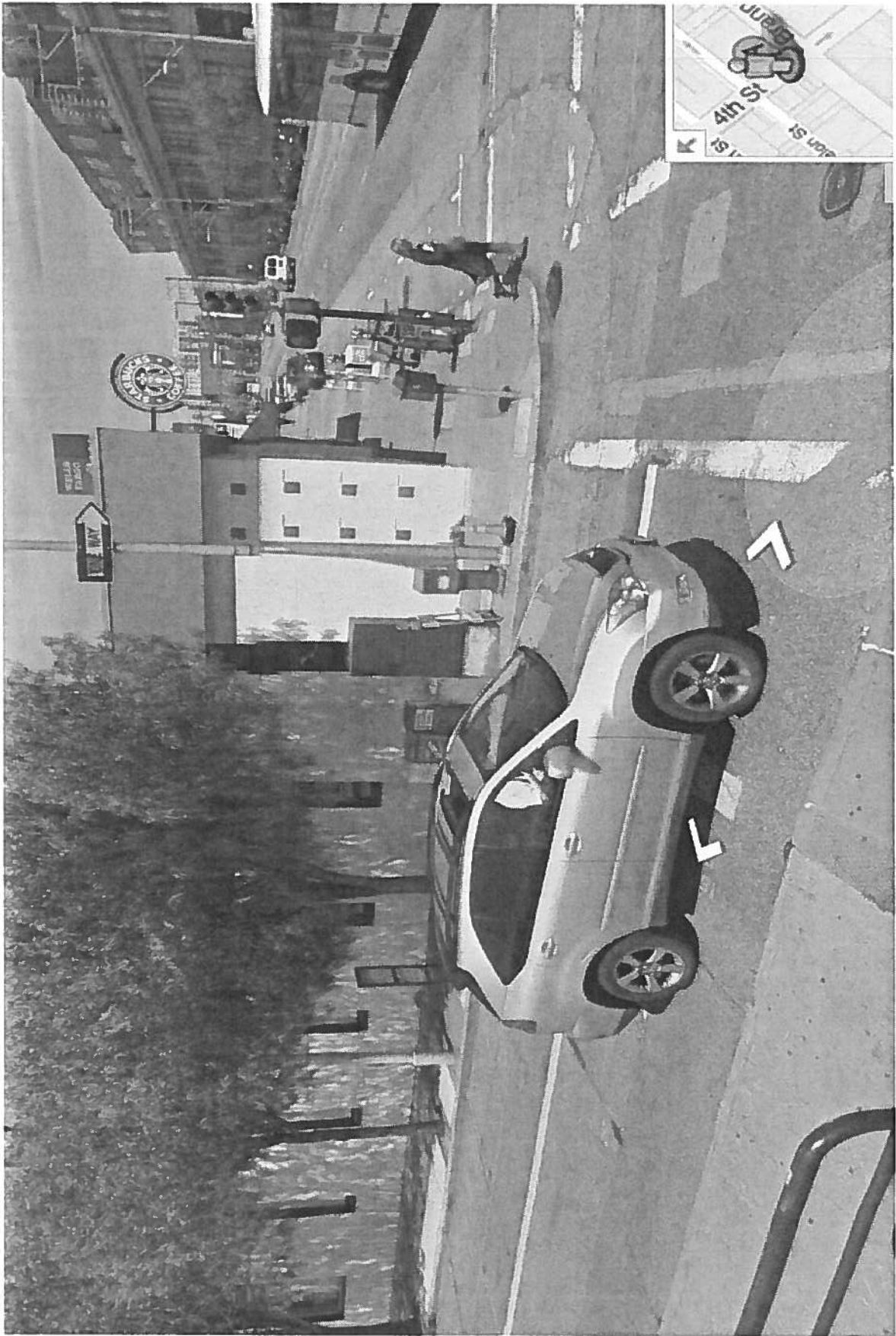
4<sup>TH</sup> & BRANNAN - NW CORNER

?



url: <http://bsmnt.sfdpw.org/EBD/MapOutput/nima5h55dju2kp45nypfkrme.png>





## **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, traffic signal controller cabinet, communication cabinet, and electrical cabinet at the northeast corner of 4<sup>th</sup> Street and Brannan 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, communication, and electrical cabinets 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, communication, and electrical cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at Brannan 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, communication, and electrical 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](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3<sup>rd</sup> 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,

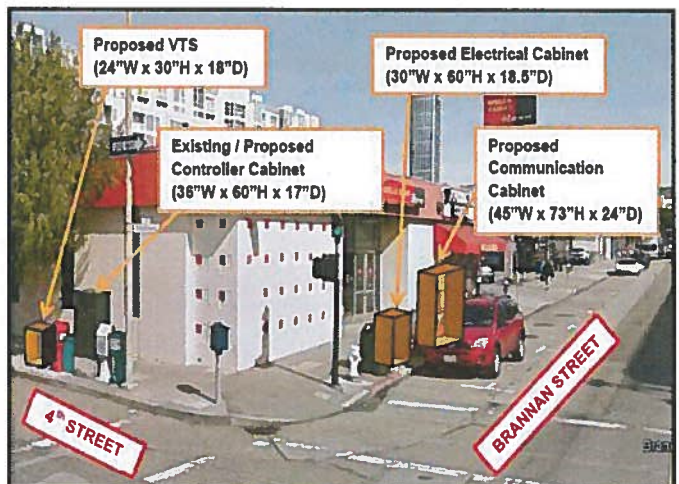
Al Herce  
San Francisco Municipal Transportation Agency  
Central Subway Project  
One South Van Ness Avenue, 7<sup>th</sup> Floor  
San Francisco, CA 94103  
(415) 701-4552

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

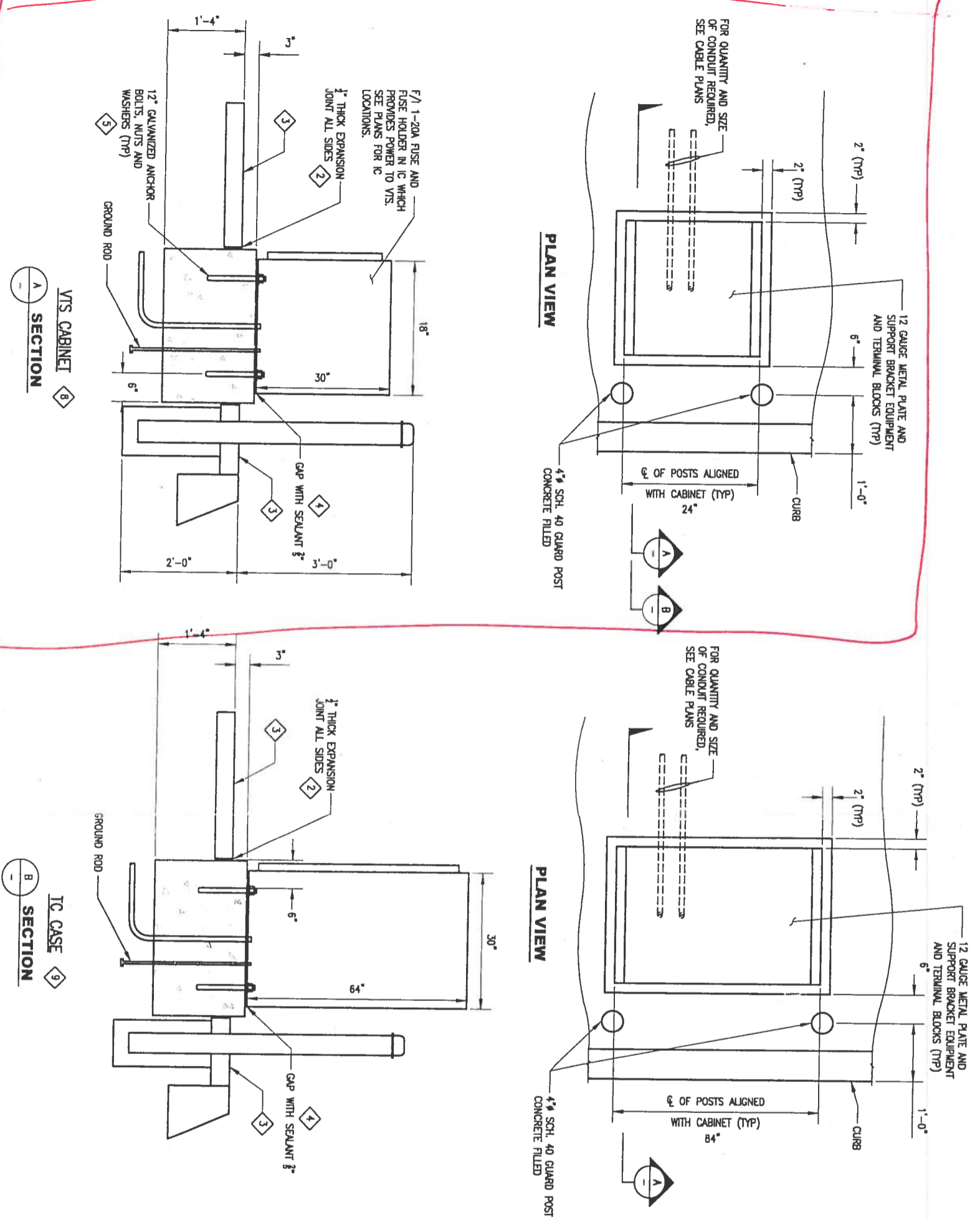
Controller Cabinet is 36"W x 60"H x 17"D;  
Total Height (Cabinet and Foundation): 62"

Communication Cabinet is 45"W x 73"H x 24"D;  
Total Height (Cabinet and Foundation): 79"

Electrical Cabinet is 30"W x 60"H x 18.5"D;  
Total Height (Cabinet and Foundation): 66"





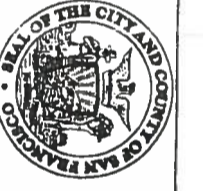


CABINET INSTALLATION DETAILS  
 NTS

DATE	DESCRIPTION	BY	CHKD	APP'D
01/13/2012	ISSUED FOR PRE-FINAL SUBMITAL			
03/07/2011	ISSUED FOR 635 DESIGN SUBMITAL			

**HNTB-B&C**  
 JOINT VENTURE  
**B&C**  
**TRANSIT**  
**INC.**

DESIGNED	R. ALBERNA
CHECKED	T. MOYEN
APPROVED	M. BAILEY
DATE	

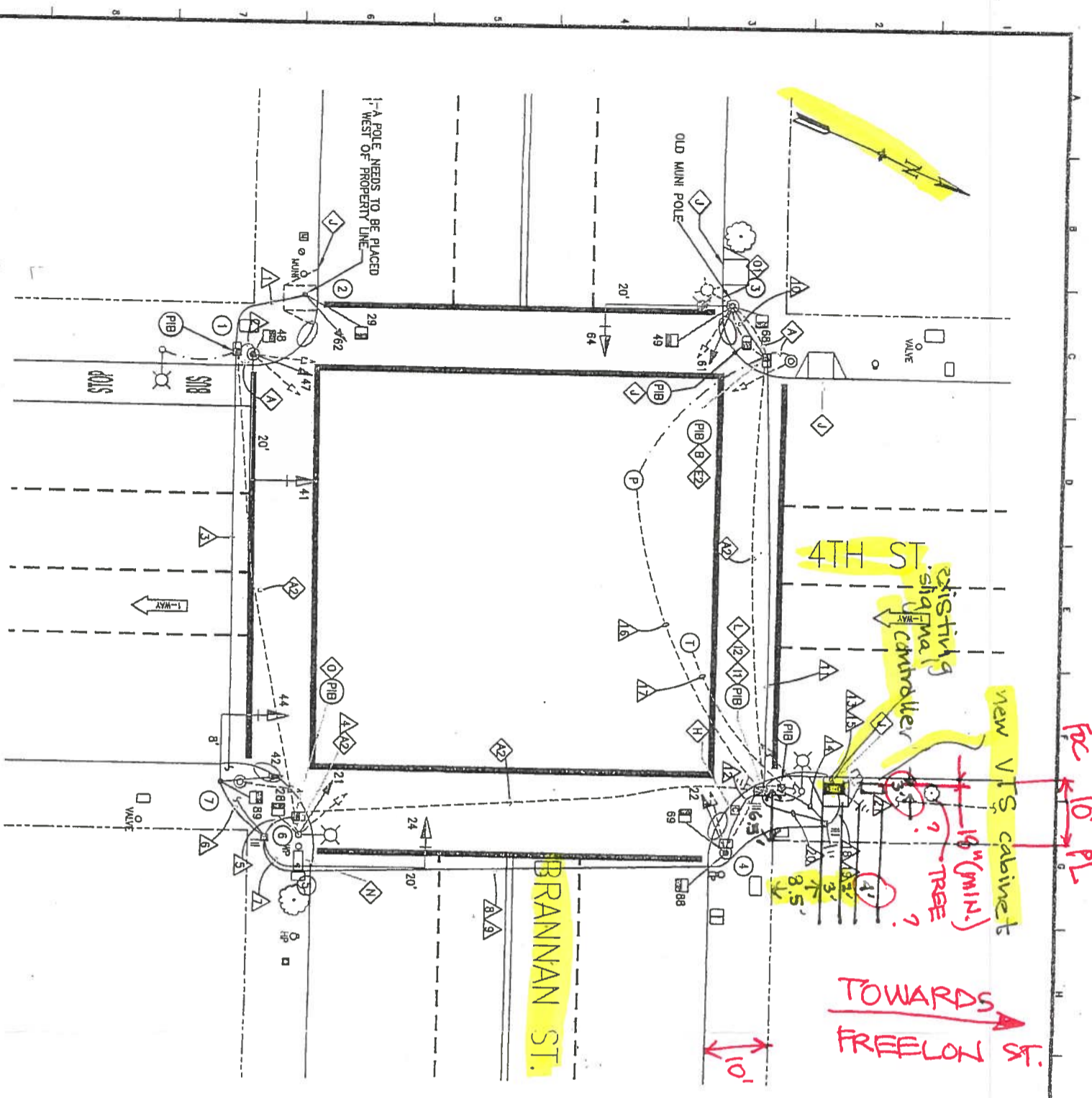


CITY AND COUNTY OF SAN FRANCISCO  
**MUNICIPAL TRANSPORTATION AGENCY**  
 APPROVED  
 DIRECTOR OF TRANSPORTATION

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

CONTRACT NO.	125 6
DRAWING NO.	SG-156
SHEET NO.	08

- NOTES:**
- CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT. P.U.O.N. 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 TIES, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
  - 1/2" FIBER EXPANSION JOINT SHALL BE BRUNNEN'S MATERIAL, CONFORMING TO ASTM D 994, INSTALL ON ALL SIDES OF CONCRETE FOUNDATION. SEALIGHT FIBER EXPANSION JOINT.
  - RECONSTRUCT SIDEWALK TO NEAREST JOINT. COMPACT SUBGRADE TO MINIMUM OF 95% RELATIVE COMPACTION.
  - FILL GAPS BETWEEN CABINET AND FOUNDATION WITH DOW CORNING 791 SILICONE PERIMETER SEALANT.
  - ANCHOR BOLT LOCATIONS AND DIMETERS SHALL MATCH HOLES ON FLANGE OF CABINETS.
  - ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20mm CHAMFER.
  - CURING COMPOUND SHALL BE SEALIGHT WHITE-PIGMENTED THAT MEETS ASTM C 309, TYPE 2 CLASS B, FREE OF SUBSTANCES WHICH MIGHT BE DELETERIOUS TO THE CONCRETE.
  - VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
  - TC CASE SHALL BE INSTALLED AT 4TH & BLUENOE AND 4TH & KING.



NO.	DATE	DESCRIPTION	BY	APP.
12/01	ADD SIGNAL #17 (P.C.O. #7)	SL	SL	
6/8/01	REVISED MAST ARM (P.C.O. #2)	JP	SL	
1/2001	REVISED PULLBOXES & CONDUIT (P.C.O. #1)	LS	SL	

5/04	AS-BUILT	WM	SL
------	----------	----	----

REFERENCE INFORMATION & THE NO. OF SHEETS

**BUREAU OF ENGINEERING**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY AND COUNTY OF SAN FRANCISCO



DESIGNED:	DATE:	7/00
DRAWING:	DATE:	7/00
CHECKED:	DATE:	7/00

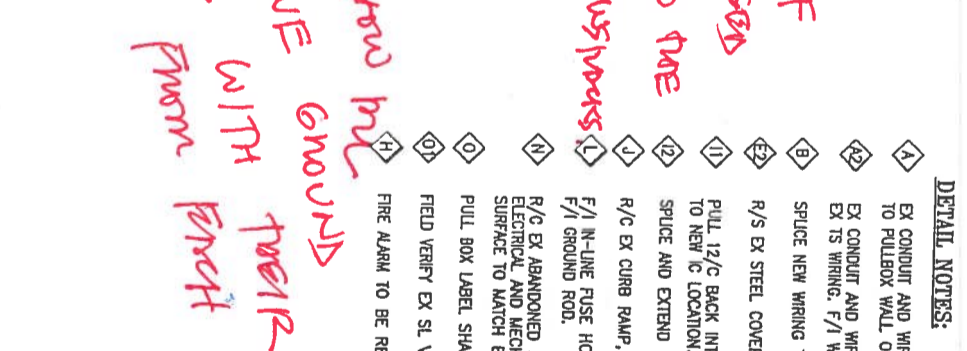
APPROVED:	DATE:	
SECTION MANAGER:	DATE:	
DIVISION MANAGER:	DATE:	
CITY ENGINEER:	DATE:	

SCALE:	1" = 10'-0"
SHEET OF SHEETS:	

BRANNAN AND TOWNSEND STREETS  
 TRAFFIC SIGNALS UPGRADE  
 4th ST. AND BRANNAN ST.

REVISION NO.	1989H
DRAWING NO.	E-6
FILE NO.	74.701
REV. NO.	3

*PLEASE SHOW ME  
 OTHER ABOVE WITH THEIR  
 SPACES FROM  
 DISMANCE  
 OTHER?*



**PHASE SEQUENCE:**

0	Y	R	R	BRANNAN ST.
R		C	Y R	4TH STREET
WM	FRH	RH		PED KING 4TH STREET
RH	WM	FRH RH		PED KING BRANNAN

**NOTE:**  
 THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

- DETAIL NOTES:**
- EX CONDUIT AND WIRING, R/C EX WIRING, CUT CONDUIT FLUSH TO PULLBOX WALL OR 12" DEPTH, CAP CONDUIT ENDS.
  - EX CONDUIT AND WIRING, SL WIRING TO REMAIN, R/C EX TS WIRING, F/I WIRING AS NOTED.
  - SPLICE NEW WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
  - R/S EX STEEL COVER.
  - PULL 12/C BACK INTO PULL BOX FROM EX IC, SPLICE AND EXTEND TO NEW IC LOCATION.
  - SPLICE AND EXTEND SERVICE WIRES TO NEW IC LOCATION.
  - R/C EX CURB RAMP, RESTORE CURB AND SIDEWALK.
  - F/I N-LINE FUSE HOLDER W/ 40 AMP FUSE FOR IC SERVICE, F/I GROUND ROD.
  - R/C EX ABANDONED SEWER SAMPLER AND DPW PULL BOX, R/C ELECTRICAL AND MECHANICAL PIPING TO 2" DEPTH, REPAIR SURFACE TO MATCH EX.
  - PULL BOX LABEL SHALL BE "STREET LIGHTING".
  - FIELD VERIFY EX SL VOLTAGE BEFORE INSTALLATION.
  - FIRE ALARM TO BE RELOCATED.



(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-0015**

**Surface Mounted Facility Permit**

Address : 04TH ST: FREELON ST  
to BRANNAN ST (569 - 599)

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 Brannan St. to Freelon St. (east 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 3:38:11 PM

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-0015

\*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	FRELON ST	BRANNAN ST	East	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
<b>Total</b>						<b>0</b>	<b>0</b>		

# Exceptions

14SMF-0015

Street Name	From St	To St	Message	Job	Contact	Dates
04TH ST						
	FRELON ST	BRANNAN ST -	Conflict with existing Street Use Permit.	12BW-0021	Refer to Agent - Refer to Agent	
	FRELON ST	BRANNAN ST -	Conflict with existing Street Use Permit.	13B-0100	(415) 431-2950 - (415) 431-2950	Sep 17 2013-Sep 17 2014
	FRELON ST	BRANNAN ST -	Conflict with existing Street Use Permit.	13B-0141	(415) 431-2950 - (415) 431-2950	Jan 1 2014-Oct 31 2014
	FRELON ST	BRANNAN 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
	FRELON ST	BRANNAN ST -	Banners are allowed on this street	N/A		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN ST -	Proposed Excavation.	SF MTA Capital Programs and Construction	Prester Wilson -	Jan 4 2010-Dec 6 2018

# No Diagram submitted

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: **July 12, 2013** Proposed Location: **4<sup>th</sup> Street and Brannan 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, traffic signal controller, communication cabinet,  
and electrical cabinets 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 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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.

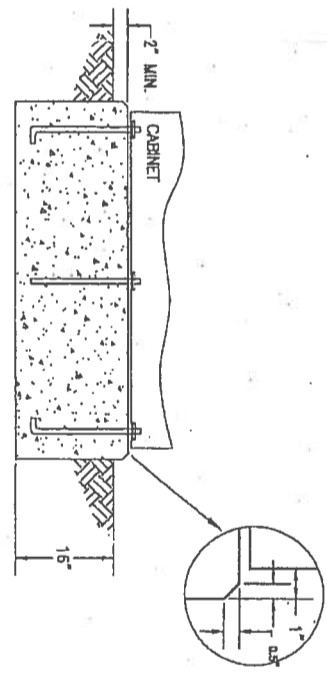
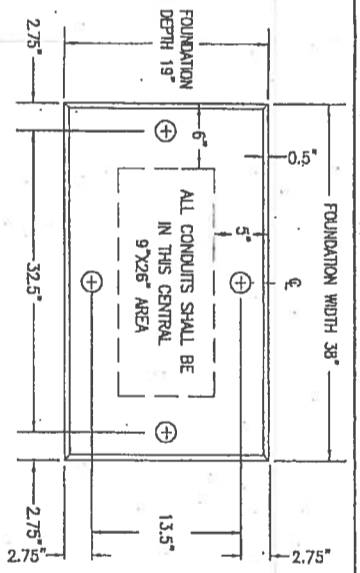
#### 8. STATEMENT REGARDING REMOVAL OF EXISTING SURFACE-MOUNTED FACILITY

There is an existing traffic signal controller cabinet facing east on the northeast corner of 4<sup>th</sup> Street and Brannan 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 east next to the existing traffic signal controller cabinet on the northeast corner of 4<sup>th</sup> Street and Brannan Street. There is no existing communication cabinet or electrical cabinet. The new communication cabinet and electrical cabinet will be installed facing north on the northeast corner of 4<sup>th</sup> Street and Brannan Street. Parking meter and space #330-04940 will be removed.

#### 9. STATEMENT REGARDING REPLACEMENT OF FOUR (4) CABINETS

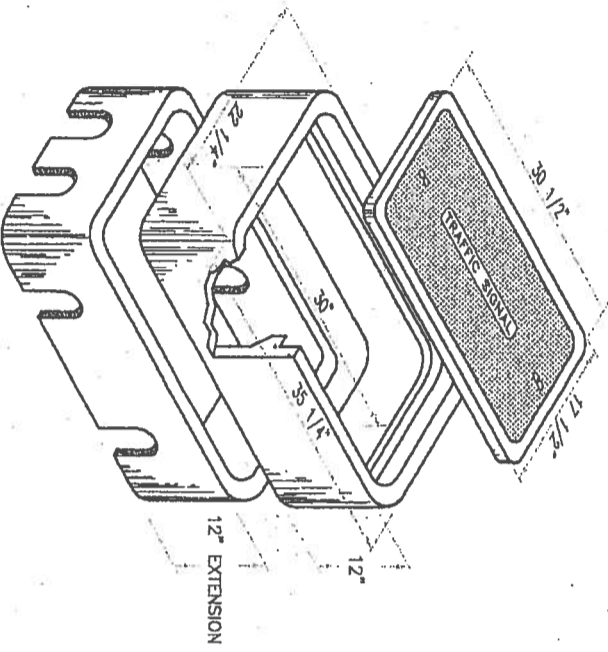
Communication cabinet will house closed circuit television equipment (e.g. network storage managers, switch, patch panel, and monitor) for 4<sup>th</sup> and Brannan Platform Station. Electrical service panel cabinet will house power distribution panelboard for 4<sup>th</sup> and Brannan Platform Station. Communication and electrical service panel cabinets need to be within sight and close to the 4<sup>th</sup> and Brannan Platform Station due to video signal transmission and electrical voltage drop, respectively. The cabinets need to be located together because the electrical cabinet services the communication cabinet. Traffic signal controller cabinet will house traffic signal equipment which will be used to control traffic signals at 4<sup>th</sup> St. and Brannan St. intersection.) Vehicle Tagging System (VTS) cabinet will house light rail vehicle (LRV) signal equipment which will be used to detect LRV signals. Traffic signal controller cabinet and VTS cabinet are interconnect. Each cabinet contain equipment for different subsystems and are maintained by different departments/agencies and cannot be combined together.)

SENSITIVE SECURITY INFORMATION



M-SF<sup>™</sup> CABINET FOUNDATION  
 2 DETAIL  
 ET-202 NIS

- NOTES:**
1. SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER CALTRANS "V" FOUNDATION (SEE CISP ES-48) 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

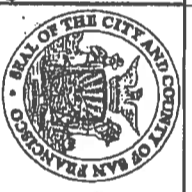
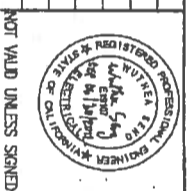


DATE	DESCRIPTION	BY	CHECKED	APPROVED
02/15/2012	ISSUED FOR BID	0		

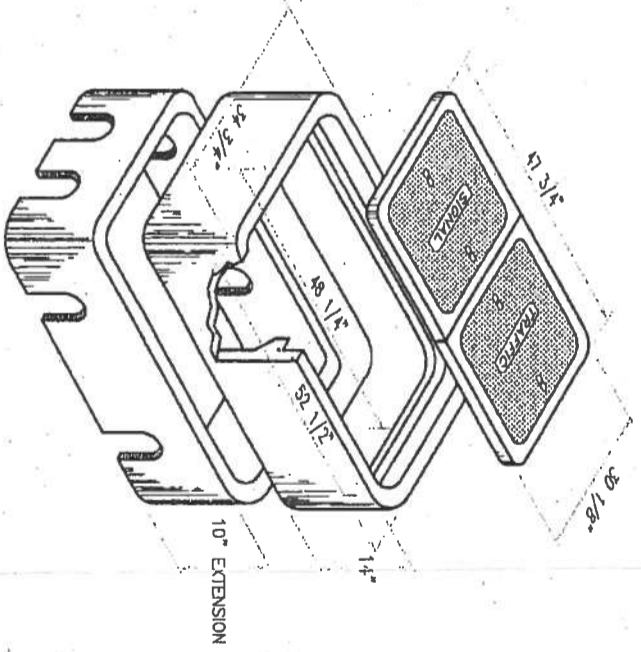
DESIGNED BY	W. Scott M. Song
CHECKED BY	W. Scott M. Song
APPROVED BY	[Signature]
DATE	02/15/2012

SFMTA



MUNICIPAL TRANSPORTATION AGENCY

APPROVED  
 DIRECTOR OF TRANSPORTATION



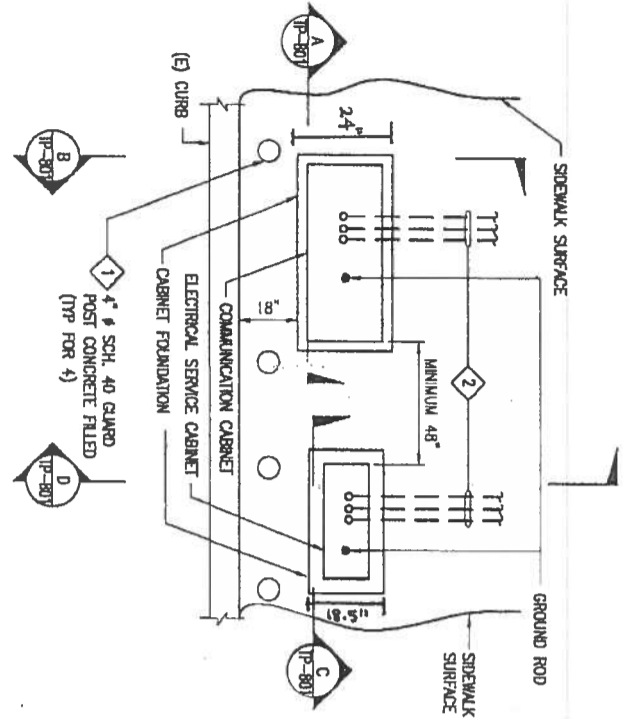
TYPE 4X PULL BOX  
 1 DETAIL  
 ET-202 NIS

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

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

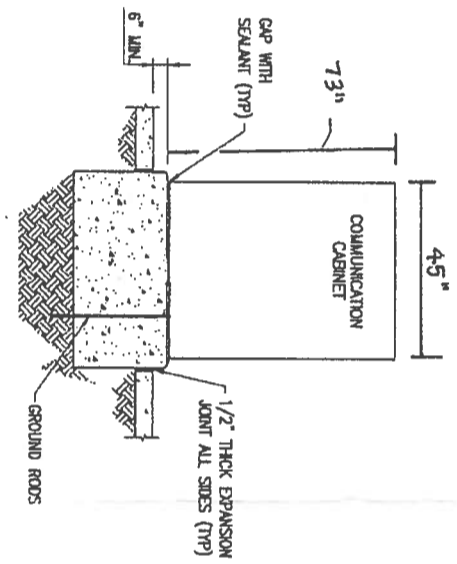
TRAFFIC SIGNALS  
 DETAILS  
 SHEET 2 OF 2

SENSITIVE SECURITY INFORMATION



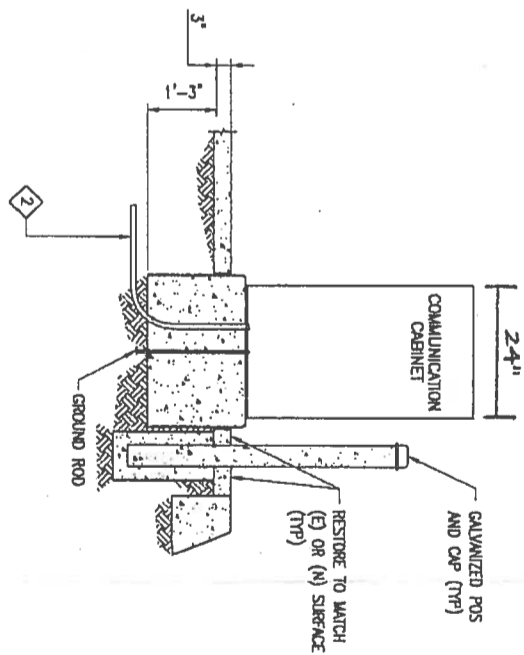
COMMUNICATION AND ELECTRICAL CABINETS

1 DETAIL  
 TP-801 NTS



COMMUNICATION CABINET AND FOUNDATION

A SECTION  
 TP-801 NTS

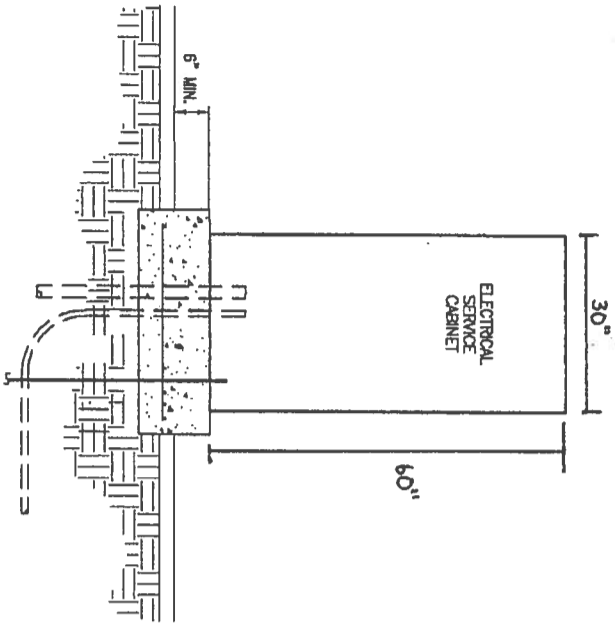


COMMUNICATION CABINET AND FOUNDATION

B SECTION  
 TP-801 NTS

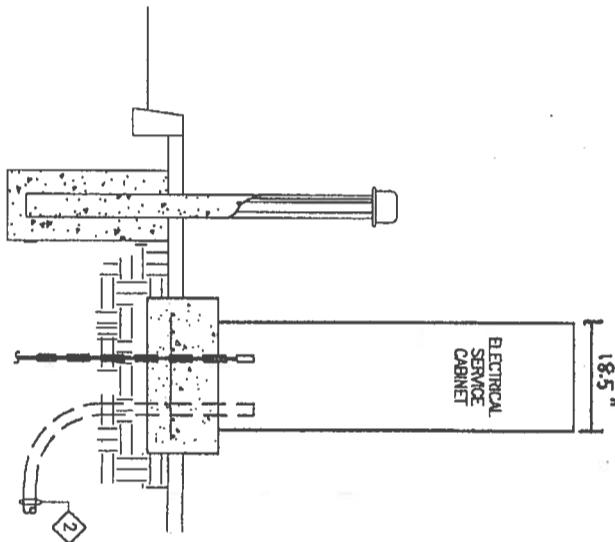
NOTES:

- FOR GUARD POST DETAILS, SEE DEW STANDARD PLAN LA-87210. GUARD POST SHALL BE 4.5" (OUTER DIAMETER) GRSW WITH CONCRETE FILLED.
- FOR QUANTITY AND SIZE OF CONDUITS REQUIRED, SEE BP-031.
- PRIOR TO CONSTRUCTION OF CONCRETE PAD, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING PAD SIZE, CABINET DIMENSIONS & PLACEMENT, REINFORCEMENTS, AND ANCHORAGE DETAILS FOR ENGINEER'S APPROVAL.



ELECTRICAL CABINET AND FOUNDATION

C SECTION  
 TP-801 NTS



ELECTRICAL CABINET AND FOUNDATION

D SECTION  
 TP-801 NTS

SFMTA

REGISTERED PROFESSIONAL ENGINEER  
 NUTK A  
 EIRH  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF CALIFORNIA  
 05/29/2012



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

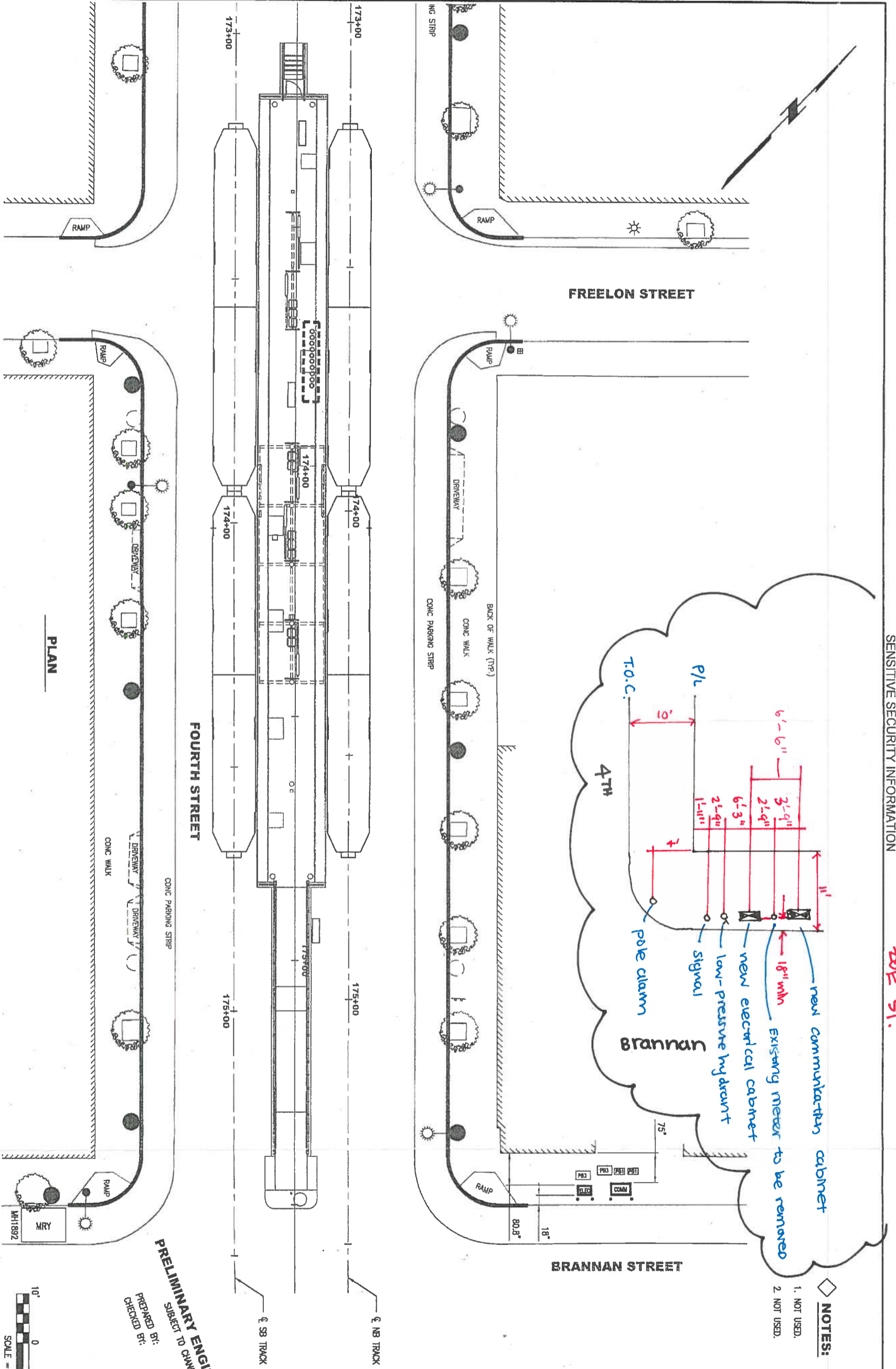
ELECTRICAL POWER  
 CABINET DETAILS

CONTRACT NO.	1256
SANTA CLARA COUNTY	CL-22772
DRAWING NO.	EP-801
SHEET NO.	0

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 PERSON WITHOUT A "NEED TO KNOW" AS DEFINED IN 49 CFR PARTS 15 AND 162, 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

30E ST.



- NOTES:**
- 1. NOT USED.
  - 2. NOT USED.

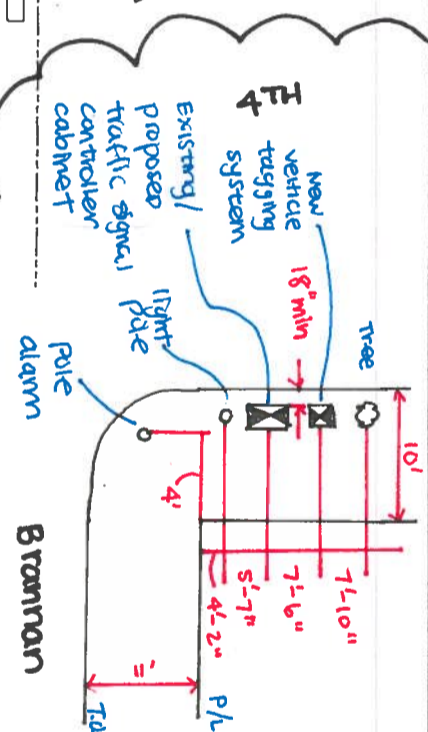
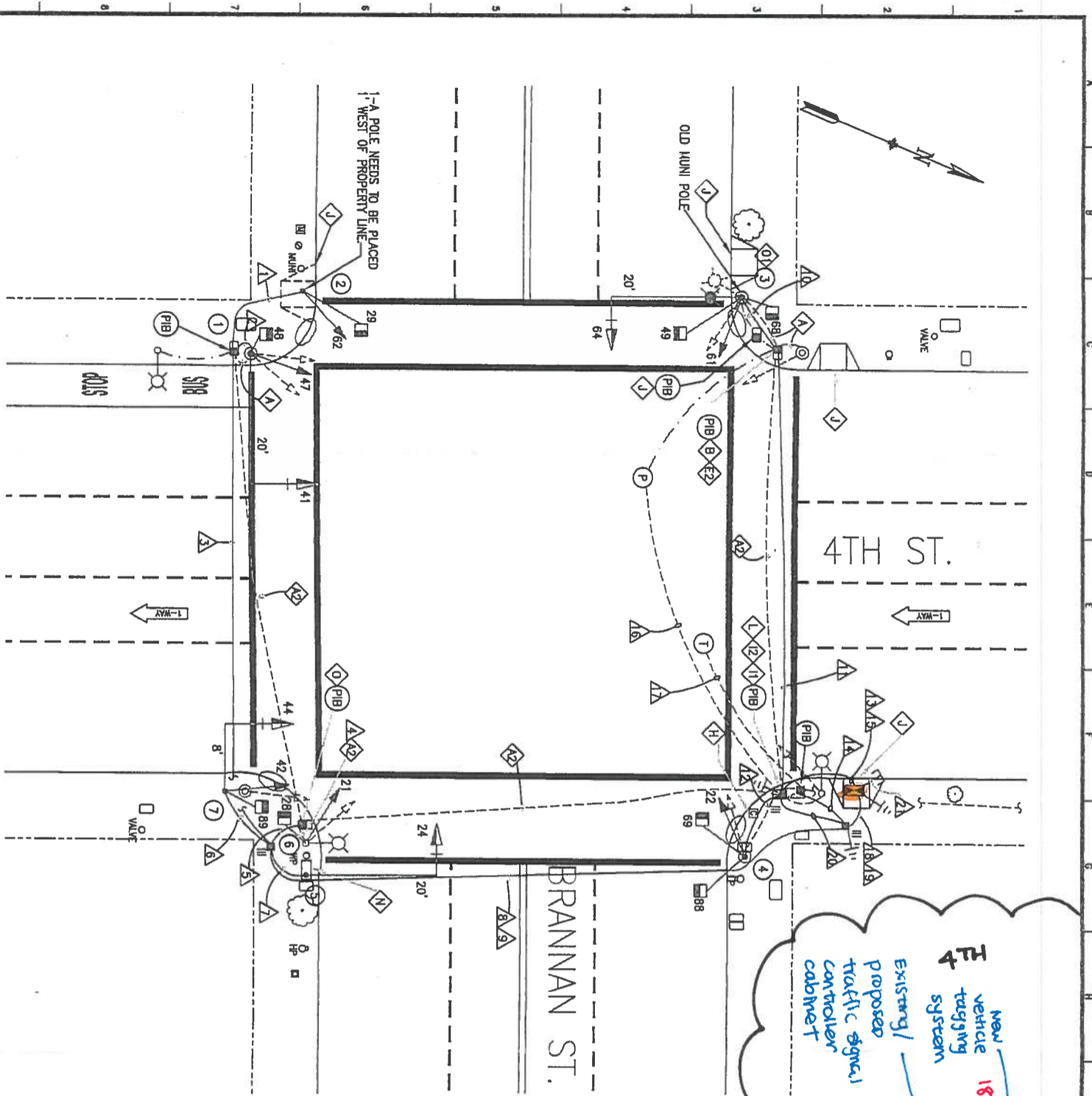


**PRELIMINARY ENGINEERING**  
 SUBJECT TO CHANGE  
 PREPARED BY:  
 CHECKED BY:

DATE		DESCRIPTION		BY		CHECKED		APPROVED	
<b>SFMTA</b>									
DESIGNED BY		DRAWN BY		CHECKED BY		APPROVED BY		DATE	
					CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY				
DIRECTOR OF TRANSPORTATION					APPROVED				
ELECTRICAL POWER PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS					ELECTRICAL PANEL & COMMUNICATION CABINET (N) LOCATION				
CONTRACT NO.		SHEET NO.		REVISION		DATE		SCALE	
1256								1"=10'	

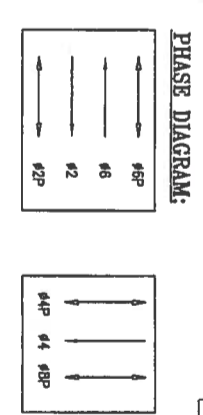
SUBJECT REVISION 11/01/2011  
 WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS CONTROLLED UNDER PARTS 15 AND 1021 AND PART OF THIS DESIGN MAY BE PASSED TO PERSONS WITHOUT A "NEED TO KNOW" AS DEFINED IN 49 CFR PARTS 15 AND 1021 EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATOR OF THE TRANSPORTATION SECURITY ADMINISTRATION OR THE SECRETARY OF TRANSPORTATION. UNAUTHORIZED RELEASE MAY BE SUBJECT TO PENALTY OR OTHER ACTION.

FREELON ST.



- DETAIL NOTES:**
- EX CONDUIT AND WIRING, R/C EX WIRING, CUT CONDUIT FLUSH TO PULLBOX WALL OR 12" DEPTH, CAP CONDUIT ENDS.
  - EX CONDUIT AND WIRING, SL WIRING TO REMAIN, R/C EX TS WIRING, F/I WIRING AS NOTED.
  - SPUCE NEW WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
  - R/S EX STEEL COVER.
  - PULL 12/C BACK INTO PULL BOX FROM EX IC, SPUCE AND EXTEND TO NEW IC LOCATION.
  - SPUCE AND EXTEND SERVICE WIRES TO NEW IC LOCATION.
  - R/C EX CURB RAMP, RESTORE CURB AND SIDEWALK.
  - F/I IN-LINE FUSE HOLDER W/ 40 AMP FUSE FOR IC SERVICE.
  - R/C EX ABANDONED SEWER SAMPLER AND DWP PULL BOX, R/C ELECTRICAL AND MECHANICAL PIPING TO 2' DEPTH, REPAIR SURFACE TO MATCH EX.
  - PULL BOX LABEL SHALL BE "STREET LIGHTING".
  - FIELD VERIFY EX SL VOLTAGE BEFORE INSTALLATION.
  - FIRE ALARM TO BE RELOCATED.

**NOTE:**  
 THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.



**PHASE SEQUENCE:**

G	Y	R	BRANNAN ST.
R	G	Y	4TH STREET
FRH	RH		PED XING 4TH STREET
RH	FRH	RH	PED XING BRANNAN

*Switch cover 4-10-02*  
**AS BUILT DRAWING**  
 APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

5/04	AS-BUILT	WM	SL	REFERENCE INFORMATION & FILE NO. OF SHEETS	<p><b>BUREAU OF ENGINEERING</b>          DEPARTMENT OF PUBLIC WORKS          CITY AND COUNTY OF SAN FRANCISCO</p>	DESIGNED: DATE	APPROVED	SCALE	BRANNAN AND TOWNSEND STREETS	SPECIFICATION NO.	
12/01	AUD SIGNAL #17 (P.C.O. #7)	SL	SL			NO./BW	DATE	SECTION MANAGER	DATE	TRAFFIC SIGNALS UPGRADE	DRAWING NO.
5/9/01	REVISED MAST ARM (P.C.O. #2)	JP	SL			DATE	DATE	DIVISION MANAGER	DATE	4th ST. AND BRANNAN ST.	E-6
1/2001	REVISE PULLBOXES & CONDUIT (P.C.O. #1)	LS	SL		7/00	7/00	CITY ENGINEER	DATE		FILE NO.	
				TABLE OF REVISIONS						74,701	
				CHECK WITH TRACKING TO SEE IF YOU HAVE LATEST REVISION						REV. NO.	
										3	



**MEMORANDUM**

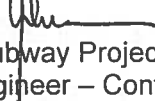
**TO:** Rene Lopez  
Bureau of Street Use and Mapping  
1155 Market Street

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

RECEIVED  
BUREAU OF STREET USE & MAPPING

**MAY 09 2013**

DEPT OF PUBLIC WORKS

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, Traffic Signal Cabinet, Communication Cabinet and  
Electrical Cabinet Installation on 4<sup>th</sup> Street and Brannan Street

*OK  
Pmm 7/10/13*

Edwin M. Lee  
*Mayor*

Tom Nolan  
*Chairman*

Cheryl Brinkman  
*Vice-Chairman*

Leona Bridges  
*Director*

Malcolm Heinicke  
*Director*

Jerry Lee  
*Director*

Joël 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, Traffic Signal Controller Cabinet, Communication Cabinet, and Electrical Cabinet) on 4<sup>th</sup> Street and Brannan 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: **4<sup>th</sup> Street and Brannan 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, traffic signal controller, communication cabinet,  
and electrical cabinets 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 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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

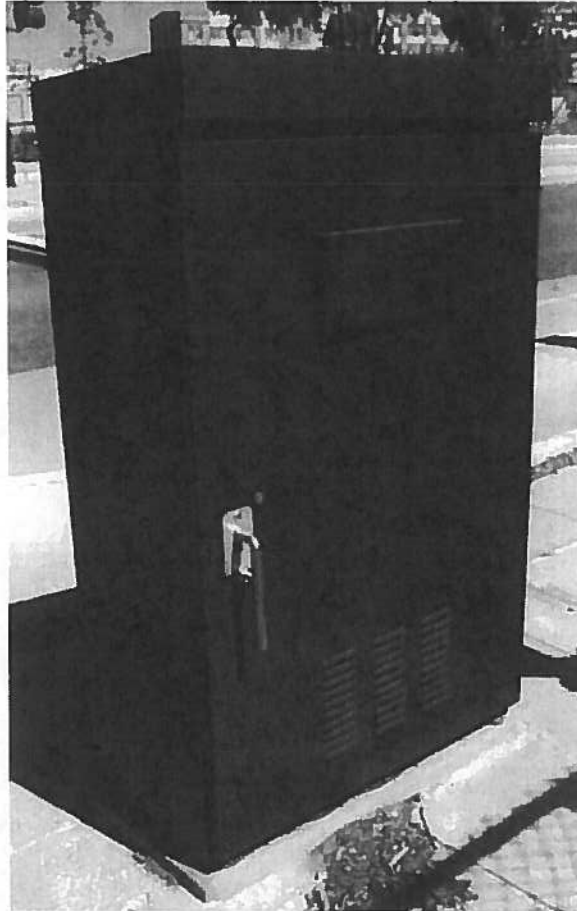
There is an existing traffic signal controller cabinet facing east on the northeast corner of 4<sup>th</sup> Street and Brannan Street. The existing controller cabinet will be removed and the new traffic signal cabinet will be installed on the same footprint. There is no existing vehicle tagging system. The new vehicle tagging system will be installed facing east next to the existing traffic signal controller cabinet on the northeast corner of 4<sup>th</sup> Street and Brannan Street. There is no existing communication cabinet or electrical cabinet. The new communication cabinet and electrical cabinet will be installed facing north on the northeast corner of 4<sup>th</sup> Street and Brannan Street. Parking meter and space #330-04940 will be removed.

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

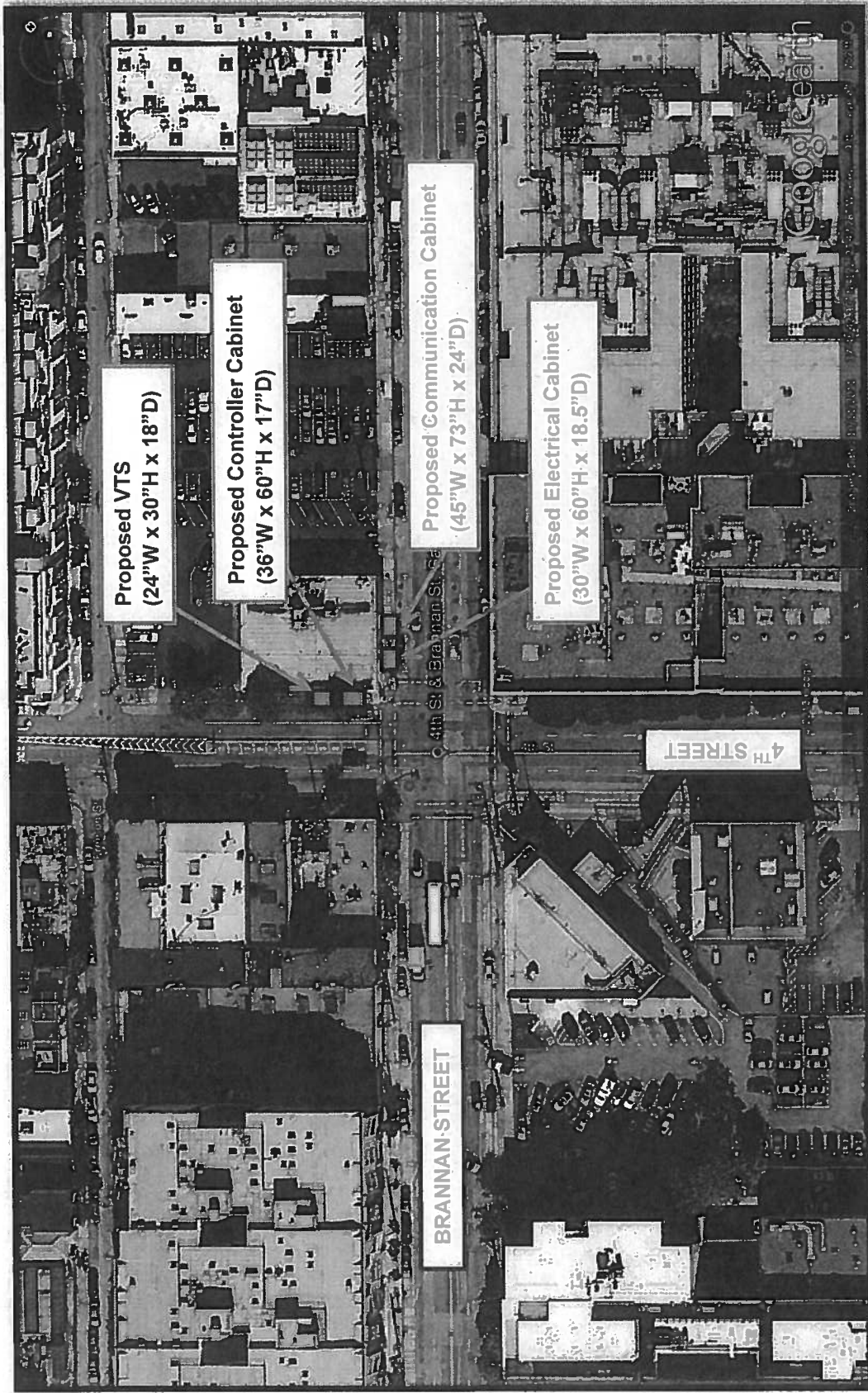
BRANNAN ST	ZOE ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFPARK	<u>SFpark sensors</u>	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed	• paving conflict • needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFPARK	<u>SFpark sensors</u>	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	05TH ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	10/1/2015	913	Proposed	• moratorium ends 1/13/2014 • needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	DPT	<u>Reopening Closed Crosswalks</u>	9/1/2013	12/1/2014	456	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	END intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
BRANNAN ST	END to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (650 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
		SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	

ADD → BRANNAN ST. BET. ZOE ST. TO 04TH ST. CENTRAL SUBWAY  
<http://bsm.sfdpw.org/5year/view/projects.aspx> 5/7/2013

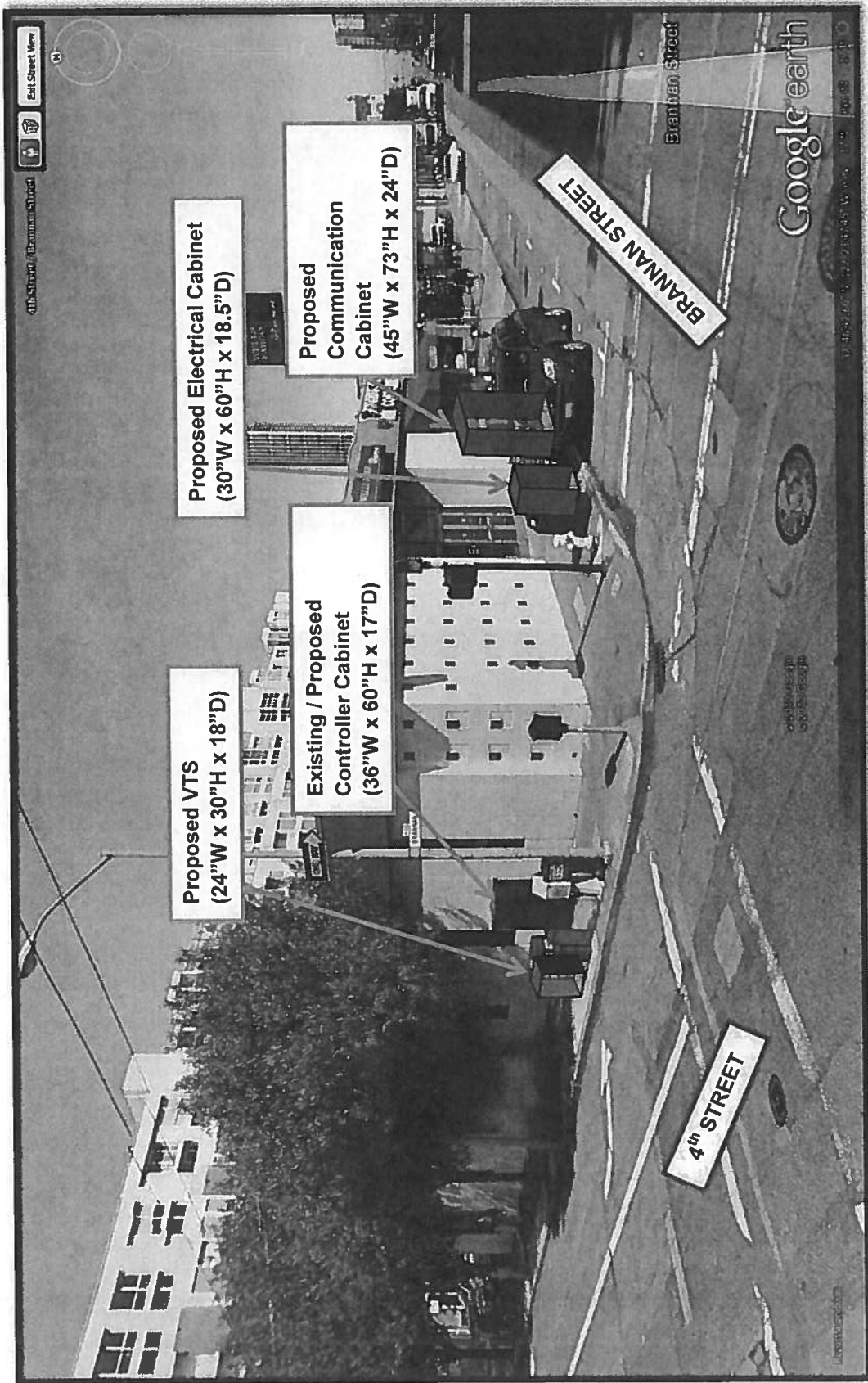
## DIMENSIONS FOR M-SF CONTROLLER CABINET



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"



4<sup>th</sup> STREET AND BRANNAN STREET – AERIAL VIEW



4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER (PROPOSED LOCATION)



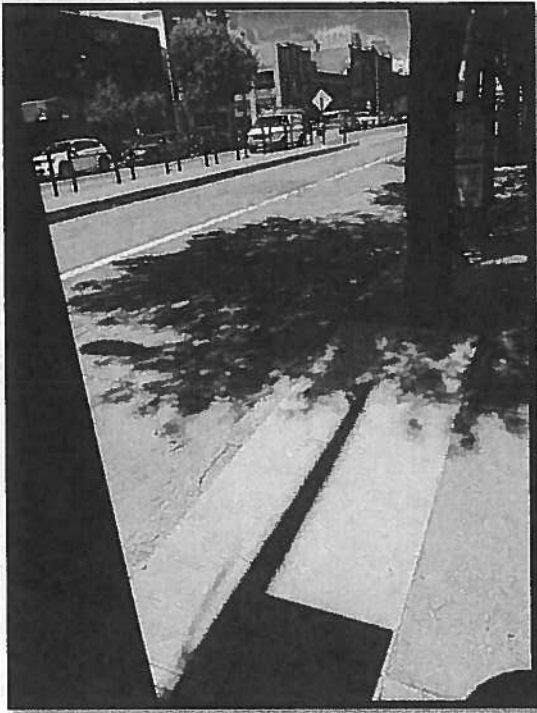
**FACING NORTH**



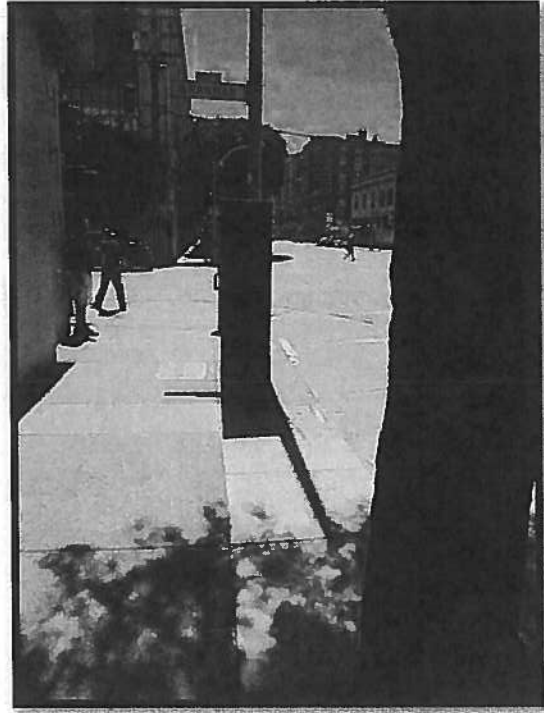
**FACING EAST**

**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Communication Cabinet and Electrical Cabinet Location)**

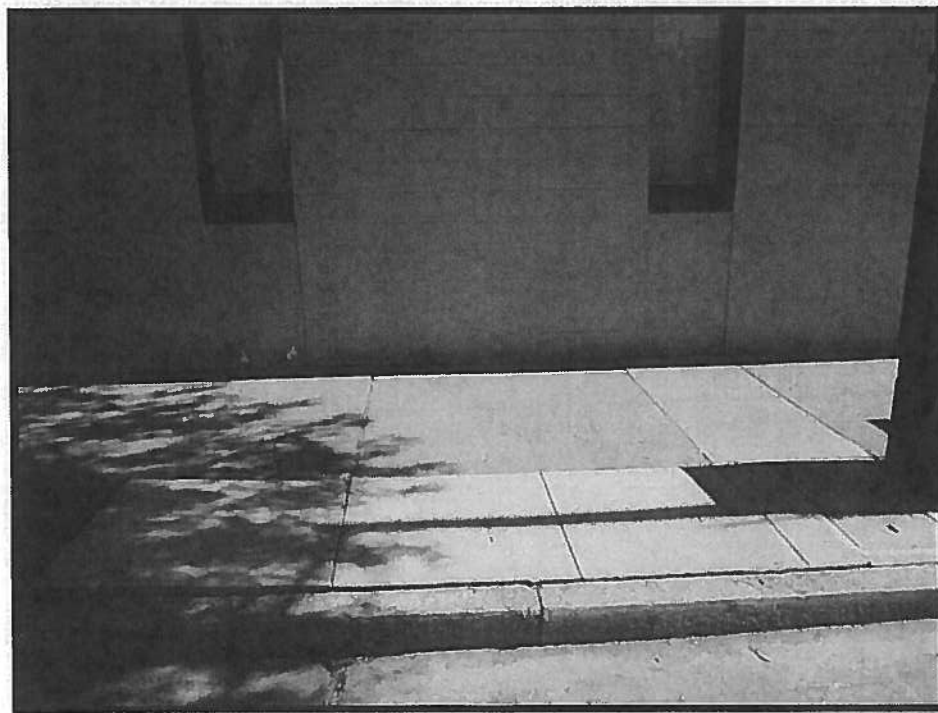




**FACING NORTH**



**FACING SOUTH**

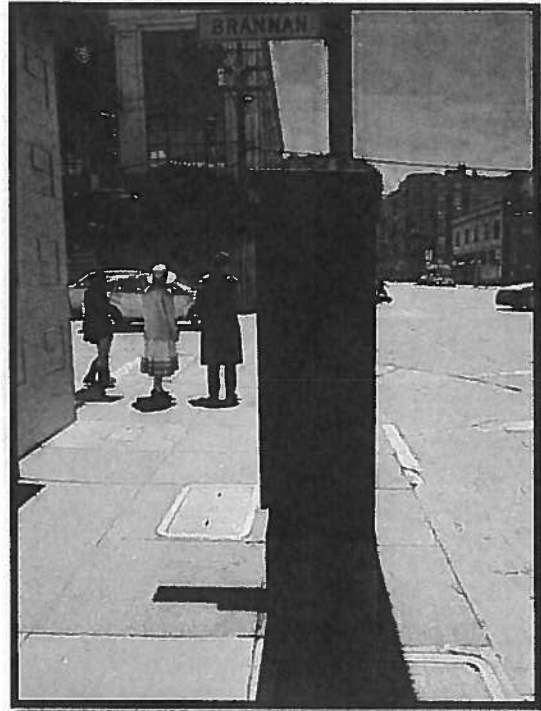


**FACING EAST**

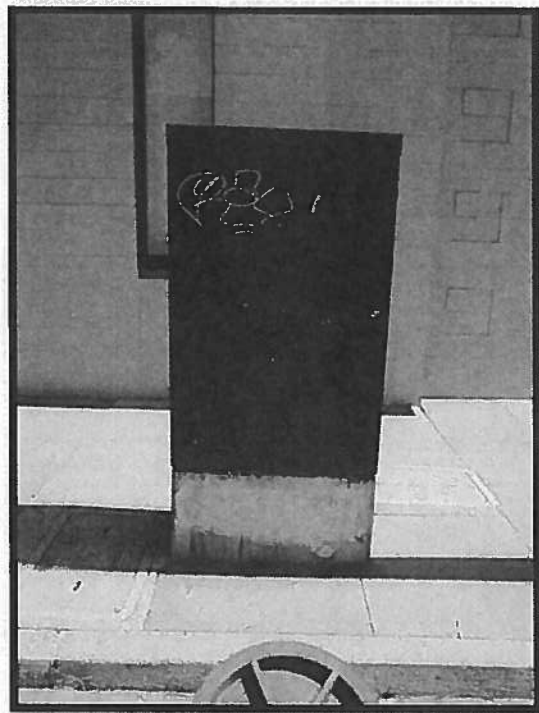
**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Vehicle Tagging System Cabinet Location)**



**LEFT SIDE**



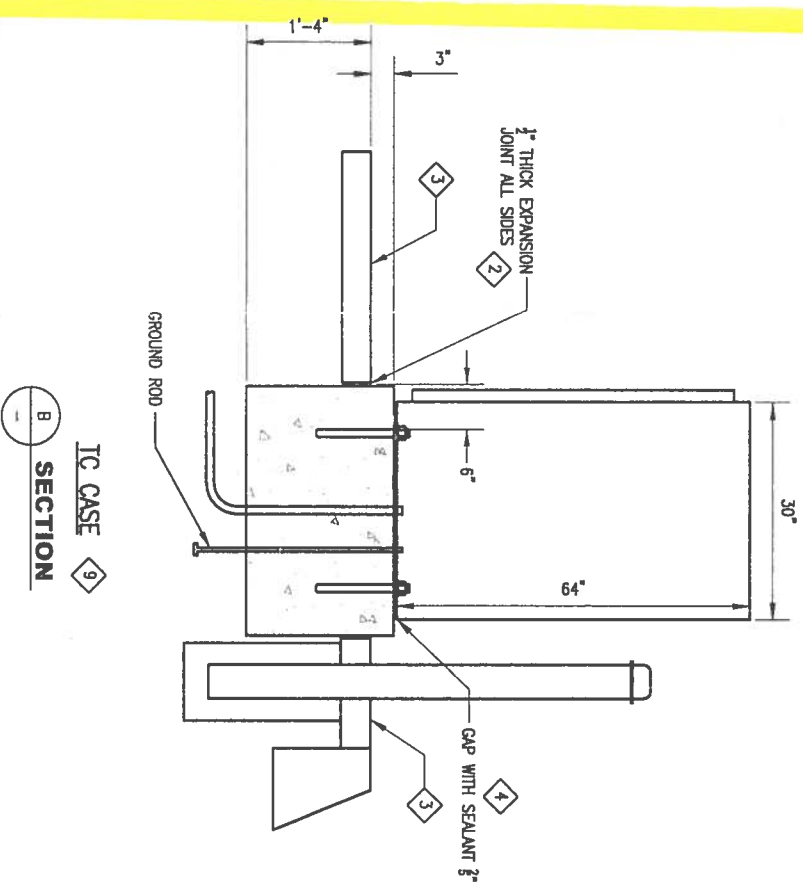
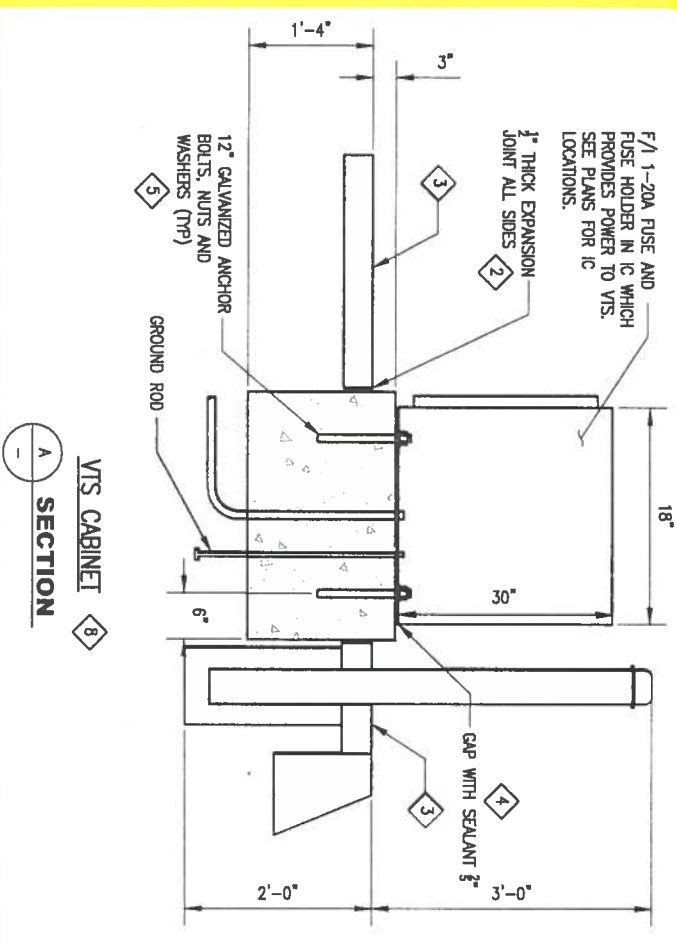
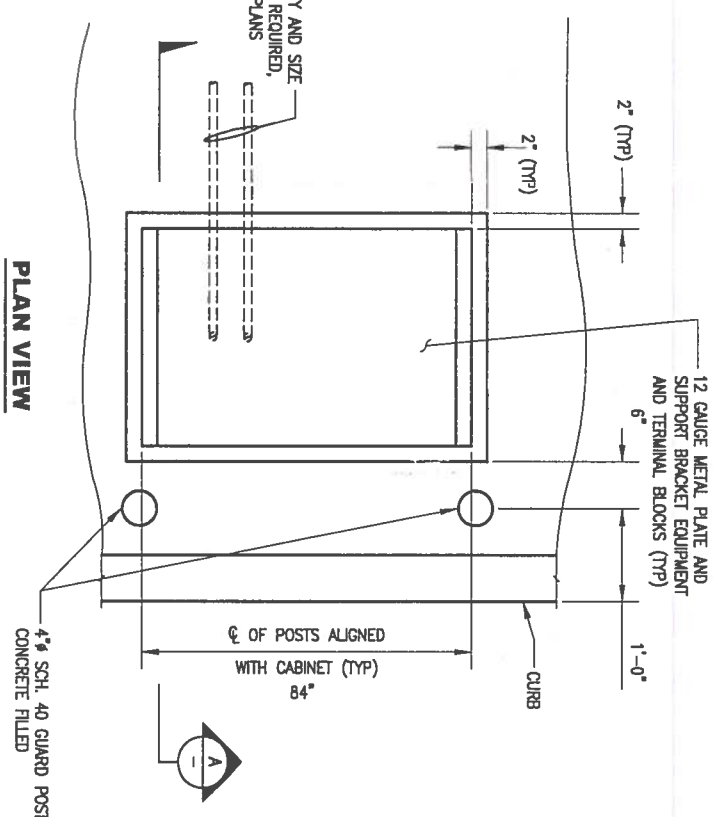
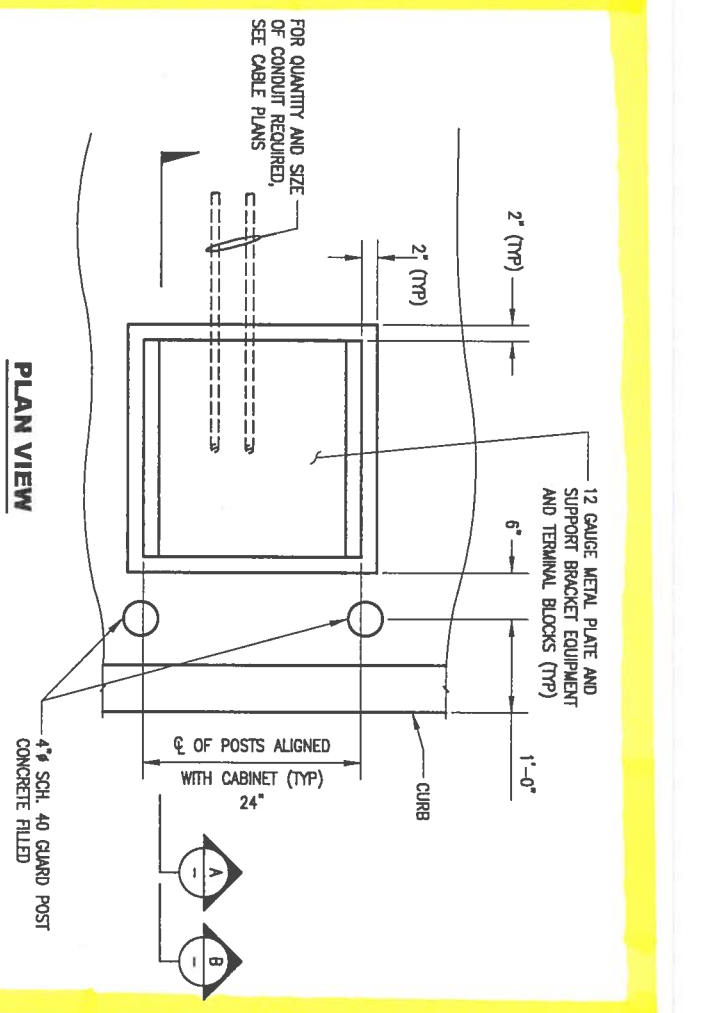
**RIGHT SIDE**



**BACK SIDE**

**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Existing Traffic Signal Controller Cabinet)**

SENSITIVE SECURITY INFORMATION

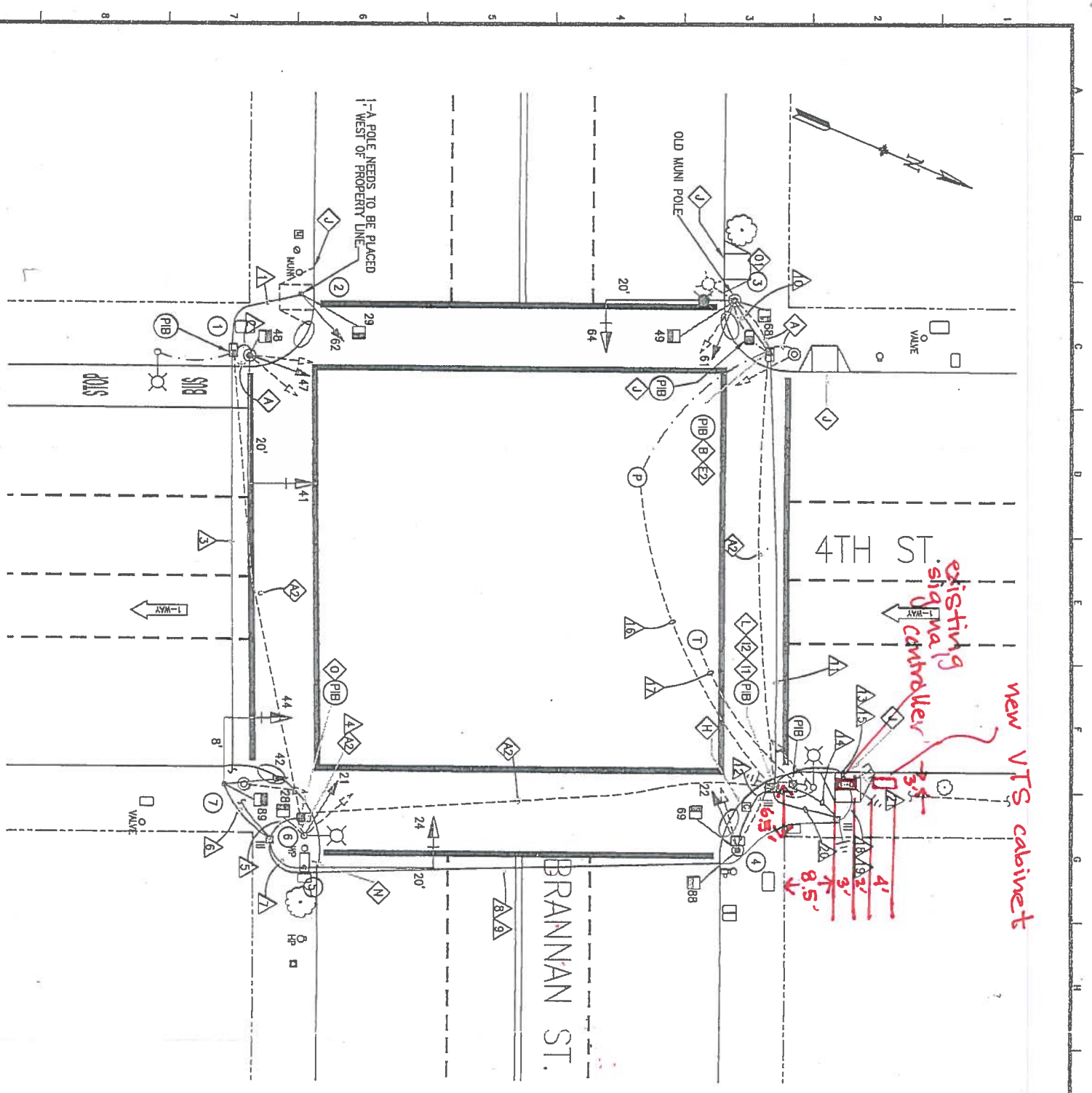


CABINET INSTALLATION DETAILS  
 NTS

- NOTES:**
1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, 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 TEES, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
  2. 1/2" FIBER EXPANSION JOINT SHALL BE BRITANNIUM 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 DETRIMENTAL TO THE CONCRETE.
  8. VTS CABINET SHALL BE INSTALLED AT THE 4TH & BRYANT, 4TH & BRANNAN, AND 4TH & TOWNSEND INTERSECTIONS.
  9. ITC CASE SHALL BE INSTALLED AT 4TH & BLUXOME AND 4TH & KING.

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

HNTB-B&C JOINT VENTURE B&C TRANSIT INC.		R. ALVARO DESIGNER T. WOLFE PROJECT MANAGER S. M. BAILEY CHECKED DATE	
CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED DIRECTOR OF TRANSPORTATION		THRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS SURFACE SIGNALING CABINET INSTALLATION DETAILS	
01/13/2012 ISSUED FOR PRE-FINAL SUBMITTAL 03/01/2011 ISSUED FOR 65% DESIGN SUBMITTAL	DATE 01/13/2012 03/01/2011	CONTRACT NO. 1256	SHEET NO. SG-156
WARNING: THIS RECORD CONTAINS SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER PART 15. AND IS NOT TO BE RELEASED TO THE PUBLIC OR OTHER AGENCIES WITHOUT THE WRITTEN PERMISSION OF THE ADMINISTRATOR OF THE TRANSPORTATION SECURITY ADMINISTRATION.		REVISION 0B	

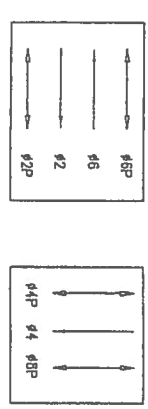


**DETAIL NOTES:**

- Ⓐ EX CONDUIT AND WIRING, R/C EX WIRING, CUT CONDUIT FLUSH TO PULLBOX WALL OR 12" DEPTH, CAP CONDUIT ENDS.
- Ⓒ EX CONDUIT AND WIRING, SL WIRING TO REMAIN, R/C EX TS WIRING, F/I WIRING AS NOTED.
- Ⓓ SPlice NEW WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- Ⓔ R/S EX STEEL COVER.
- Ⓜ PULL 12/C BACK INTO PULL BOX FROM EX IC. SPICE AND EXTEND TO NEW IC LOCATION.
- Ⓝ SPICE AND EXTEND SERVICE WIRES TO NEW IC LOCATION.
- Ⓟ R/C EX CURB RAMP, RESTORE CURB AND SIDEWALK.
- Ⓡ F/I IN-LINE FUSE HOLDER W/ 40 AMP FUSE FOR IC SERVICE, F/I GROUND ROD.
- Ⓢ R/C EX ABANDONED SEWER SAMPLER AND DRY PULL BOX, R/C ELECTRICAL AND MECHANICAL PIPING TO 2' DEPTH, REPAIR SURFACE TO MATCH EX.
- Ⓣ PULL BOX LABEL SHALL BE "STREET LIGHTING".
- Ⓤ FIELD VERIFY EX SL VOLTAGE BEFORE INSTALLATION.
- Ⓡ FIRE ALARM TO BE RELOCATED.

**NOTE:**  
 THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

**PHASE DIAGRAM:**



**PHASE SEQUENCE:**

G	Y	R	BRANNAN ST.
R	G	Y	4TH STREET
FRH	RH	FRH	PED XING 4TH STREET
RH	WM	FRH	PED XING BRANNAN

*Sketch done 4-10-01*  
**AS BUILT DRAWING**  
 APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

NO.	DATE	DESCRIPTION	BY	APP.
Δ 12/01	AS-BUILT			
Δ 6/8/01		ADD SIGNAL #17 (PCO #7)	SL	SL
Δ 6/8/01		REVISED MAST ARM (PCO #2)	JP	SL
Δ 1/2001		REVERSE PULLBOXES & CONDUIT (PCO #1)	LS	SL

TABLE OF REVISIONS  
 CHECK WITH TRACKING TO SEE IF YOU HAVE LATEST REVISION

REFERENCE INFORMATION & FILE NO. OF SHEETS



**BUREAU OF ENGINEERING**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY AND COUNTY OF SAN FRANCISCO



DESIGNED:	DATE:
NO./BY:	7/00
DRAWN:	DATE:
JS/CXL	7/00
CHECKED:	DATE:
NO./D/OK:	7/00

APPROVED:	DATE:
SECTION MANAGER	
DIVISION MANAGER	
CITY ENGINEER	

SCALE: 1"=10'-0"  
 SHEET OF SHEETS

BRANNAN AND TOWNSEND STREETS	TRAFFIC SIGNALS UPGRADE
4TH ST. AND BRANNAN ST.	

SPECIFICATION NO.	1999H
DRAWING NO.	E-6
FILE NO.	74,701
REV. NO.	3

## 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, traffic signal controller cabinet, communication cabinet, and electrical cabinet at the northeast corner of 4<sup>th</sup> Street and Brannan 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, communication, and electrical cabinets 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, communication, and electrical cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at Brannan 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, communication, and electrical 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](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3<sup>rd</sup> 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,

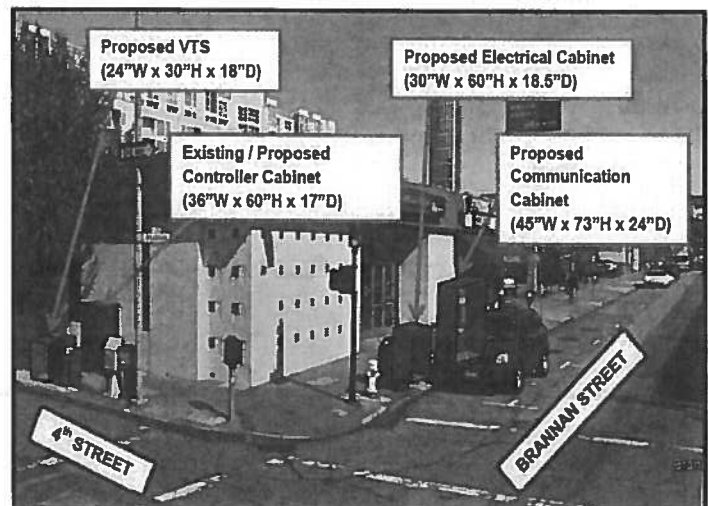
Al Herce  
San Francisco Municipal Transportation Agency  
Central Subway Project  
One South Van Ness Avenue, 7<sup>th</sup> Floor  
San Francisco, CA 94103  
(415) 701-4552

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

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

Communication Cabinet is 45"W x 73"H x 24"D;  
Total Height (Cabinet and Foundation): 79"

Electrical Cabinet is 30"W x 60"H x 18.5"D;  
Total Height (Cabinet and Foundation): 66"





(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-0016**

**Surface Mounted Facility Permit**

Address : 04TH ST: FREELON ST  
to BRANNAN ST (569 - 599)

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: 04th St. between Brannan St. to Freelon St. (east 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 3:38:40 PM

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-0016

\*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	FRELON ST	BRANNAN ST	East	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
<b>Total</b>						<b>0</b>	<b>0</b>		



# Exceptions


14SMF-0016

Street Name	From St	To St	Message	Job	Contact	Dates
04TH ST						
	FRELON ST	BRANNAN ST -	Conflict with existing Street Use Permit.	12BW-0021	Refer to Agent - Refer to Agent	
	FRELON ST	BRANNAN ST -	Conflict with existing Street Use Permit.	13B-0100	(415) 431-2950 - (415) 431-2950	Sep 17 2013-Sep 17 2014
	FRELON ST	BRANNAN ST -	Conflict with existing Street Use Permit.	13B-0141	(415) 431-2950 - (415) 431-2950	Jan 1 2014-Oct 31 2014
	FRELON ST	BRANNAN 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
	FRELON ST	BRANNAN ST -	Conflict with existing Street Use Permit.	14SMF-0015	Refer to Agent - Refer to Agent	
	FRELON ST	BRANNAN ST -	Banners are allowed on this street	N/A		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN 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		
	FRELON ST	BRANNAN 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  
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 4<sup>th</sup> Street and Brannan Street**

---

Please find enclosed out submittal package for the proposed installation of a surface-mounted facility (Vehicle Tagging System Cabinet) on 4<sup>th</sup> Street and Brannan 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: **4<sup>th</sup> Street at Brannan 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

An existing signal controller cabinet is on the NE corner facing west. There is no existing VTS cabinet. The new VTS cabinet will be placed next to the signal controller on the NE corner also facing west.

---

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
BRADFORD ST	MAYFLOWER ST to BERNAL HEIGHTS BLVD (51 - 74)				
BRADFORD ST	BERNAL HEIGHTS BLVD to POWHATTAN AVE (73 - 99)	PAVING	7/1/2013	BSSR	120
BRADFORD ST	POWHATTAN AVE intersection	SEWER	7/1/2015	N/A	20
BRADFORD ST	POWHATTAN AVE to CORTLAND AVE (100 - 199)	SEWER	3/1/2012	N/A	20
BRADFORD ST	TOMPKINS AVE intersection	PGE PGE	7/21/2011 10/24/2011	30831637 ++PGE New Service	1 4
BRADY ST	MARKET ST to STEVENSON ST (1 - 17)	SEWER	2/1/2012	N/A	20
BRADY ST	STEVENSON ST intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRADY ST	STEVENSON ST to COLTON ST (18 - 53)	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRADY ST	COLTON ST intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRADY ST	COLTON ST to OTIS ST (48 - 99)	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRANNAN ST	THE EMBARCADERO intersection	PAVING	8/1/2011	1779J - Slurry Sealing	59
BRANNAN ST	THE EMBARCADERO to DELANCEY ST (1 - 199)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	DELANCEY ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	DELANCEY ST to COLIN P KELLY JR ST (200 - 270)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	COLIN P KELLY JR ST intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	COLIN P KELLY JR ST to O2ND ST (269 - 299)	PGE PAVING	1/1/2013 7/1/2016	+SPOT MAIN - BRANNAN Pavement Renovation- Brannan St.	365 515
BRANNAN ST	O2ND ST intersection	SFPARK PGE PAVING	2/4/2011 1/1/2013 7/1/2016	SFpark sensors +SPOT MAIN - BRANNAN Pavement Renovation- Brannan St.	696 365 515
BRANNAN ST	O2ND ST to STANFORD ST (300 - 327)	DPWGREEN PGE PAVING	6/13/2012 1/1/2013 7/1/2016	Great Streets - 2nd Street +SPOT MAIN - BRANNAN Pavement Renovation- Brannan St.	433 365 515
BRANNAN ST	STANFORD ST intersection	SFPARK SEWER PAVING	2/4/2011 7/1/2015 7/1/2016	SFpark sensors N/A Pavement Renovation- Brannan St.	696 20 515
BRANNAN ST	STANFORD ST to JACK LONDON ALY (324 - 353)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	JACK LONDON ALY intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	JACK LONDON ALY to O3RD ST (350 - 399)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	O3RD ST to RITCH ST (400 - 421)	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	RITCH ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	RITCH ST to ZOE ST (422 - 459)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	ZOE ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	ZOE ST to O4TH ST (440 - 499)	SEWER PAVING	2/1/2012 2/1/2012	1264J 1866J	213 304
BRANNAN ST	O4TH ST intersection	SFPARK PAVING	2/4/2011 7/1/2016	SFpark sensors Pavement Renovation- Brannan St.	696 515
BRANNAN ST	O4TH ST intersection	SEWER MUNI PAVING SEWER	10/15/2012 4/1/2013 7/1/2016 1/1/2017	1424J-7 Central Subway Pavement Renovation- Brannan St. 1467JB	492 913 515 365



STREETNAME	FROM	UTILITY	START DATE	PROJECT NAME	DAYS
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFPARK	2/4/2011	SFpark sensors	696
		MUNI	4/1/2013	Central Subway	913
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	05TH ST intersection	MUNI	4/1/2013	Central Subway	913
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	DPT	6/1/2011	Reopening Closed Crosswalks	580
		PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND to HARRIET ST (700 - 720)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	HARRIET ST intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	HARRIET ST to LUCERNE ST (715 - 743)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	LUCERNE ST intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	LUCERNE ST to BOARDMAN PL (736 - 751)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BOARDMAN PL intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BOARDMAN PL to BUTTE PL (750 - 761)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BUTTE PL intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	BUTTE PL to GILBERT ST (754 - 779)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	GILBERT ST intersection	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	GILBERT ST to 07TH ST (780 - 799)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	07TH ST to 08TH ST (800 - 899)	PAVING	7/1/2016	Pavement Renovation- Brannan St.	515
BRANNAN ST	08TH ST intersection	PAVING	11/1/2011	1678J	335
BRANNAN ST	09TH ST intersection	PAVING	7/1/2012	1784J	150
BRAZIL AVE	MISSION ST intersection	SFWD	11/1/2012	WD-2620	240
		RAMPS	3/28/2011	1708J Various Locations Curb Ramps Contract No. 3	180
		DPT	1/1/2014	TEP Implementation	364
BRAZIL AVE	EDINBURG ST intersection	PGE	1/1/2013	+Excelsior 2	180
BRAZIL AVE	EDINBURG ST to NAPLES ST (500 - 599)	PGE	1/1/2013	+Excelsior 2	180
BRAZIL AVE	NAPLES ST intersection	PGE	1/1/2012	+Naples (HP)	181
		PAVING	7/1/2014	Naples St. Pavement Renovation	150
BRAZIL AVE	VIENNA ST intersection	SEWER	10/1/2012	N/A	20
BRAZIL AVE	VIENNA ST to ATHENS ST (700 - 799)	PGECOPPER	10/10/2013	CSRP	365
BRAZIL AVE	ATHENS ST intersection	PGE	8/1/2011	Athens	88
BRAZIL AVE	ATHENS ST to MOSCOW ST (800 - 899)	SEWER	7/1/2017	N/A	20
BRAZIL AVE	MOSCOW ST intersection	PAVING	7/1/2020	Moscow	150
BRAZIL AVE	MUNICH ST intersection	PAVING	7/1/2014	Various Locations Slurry Sealing Contract 3A - Slurry Sealing	150
BREEN PL	MCALLISTER ST intersection	MUNI	5/3/2010	21 Hayes	759
BRENTWOOD AVE	MANGELS AVE intersection	PGE	1/1/2012	+Monterey 6	181
		PAVING	7/1/2025	mangels	150
BRENTWOOD AVE	MANGELS AVE to HAZELWOOD AVE (1 - 99)	PGE	1/1/2012	+Monterey 6	181
		PAVING	7/1/2012	BSSR	120

**Fourth & Brannan**

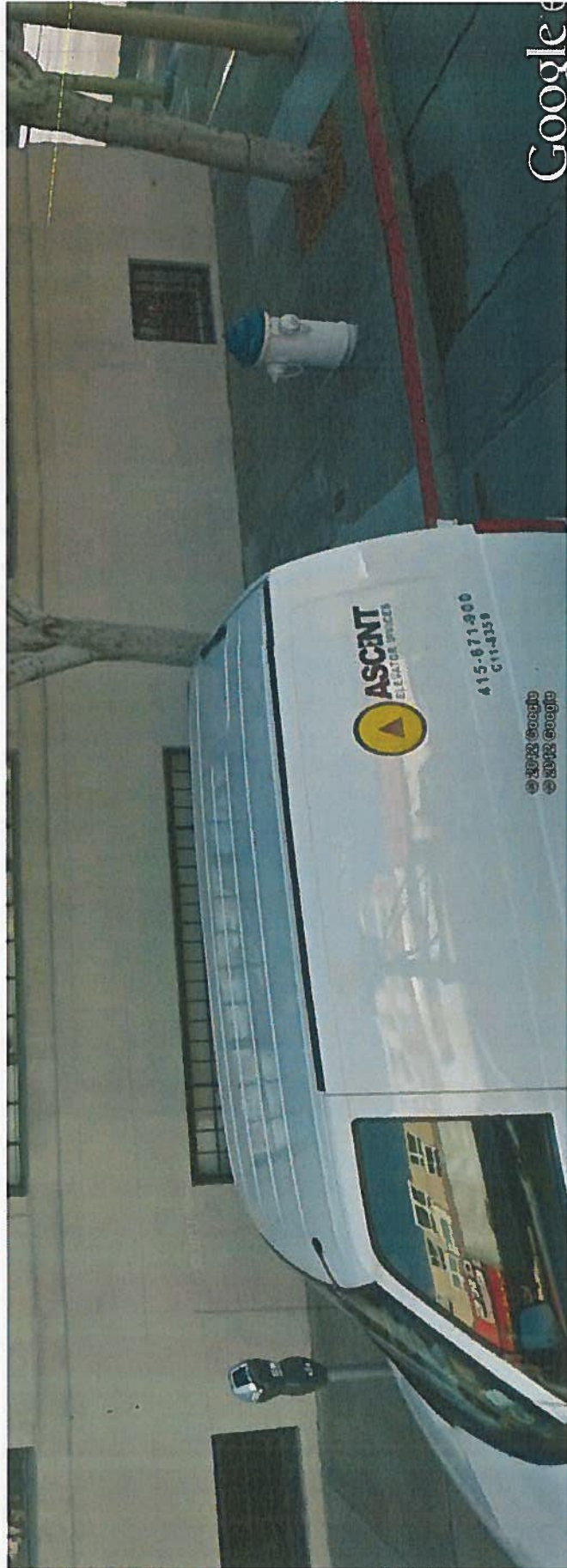


4<sup>TH</sup> & BRANNAN - AERIAL VIEW



PROPOSED LOCATION

4<sup>TH</sup> & BRAINNAN - SE CORNER



4<sup>TH</sup> & BRANNAN - SW CORNER



4<sup>TH</sup> & BRANNAN - NE CORNER



4<sup>TH</sup> & BRANNAN - NW CORNER



San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> 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 northeast corner of Fourth Street and Brannan Street. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

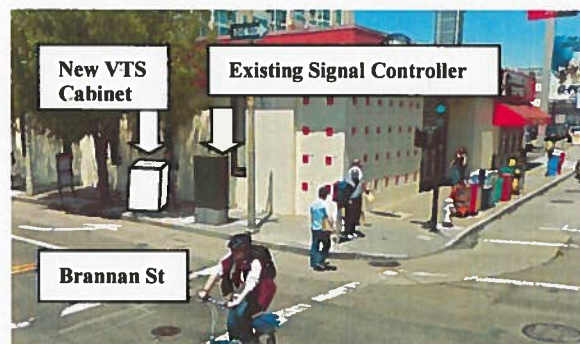
For maintenance purposes, power, and interface to the traffic signal controller cabinet, the location of the Vehicle Tagging System cabinet is limited to the portion of the sidewalk as close to the traffic signal cabinet as practical. Because traffic signal controller cabinets must be located curbside 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 the spaces. Traffic Signal Controller cabinets are already existing on Fourth Street at Brannan 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.

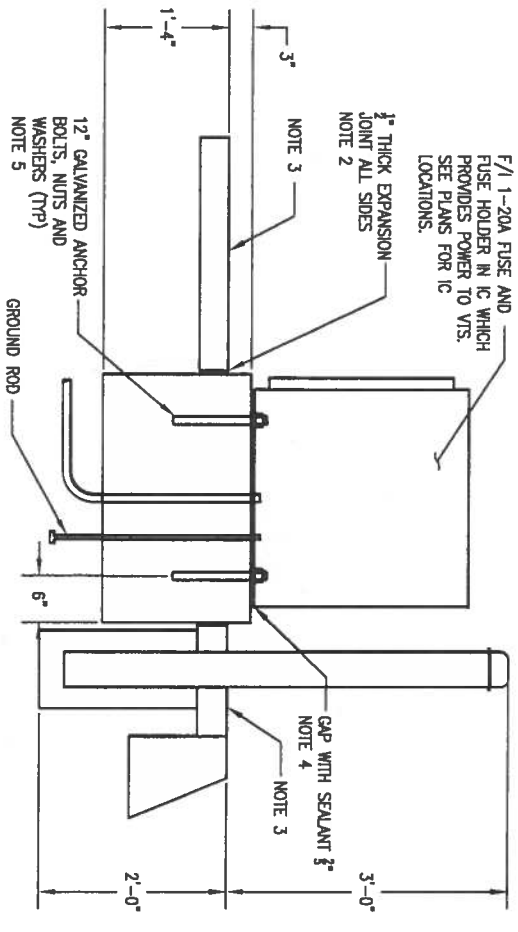
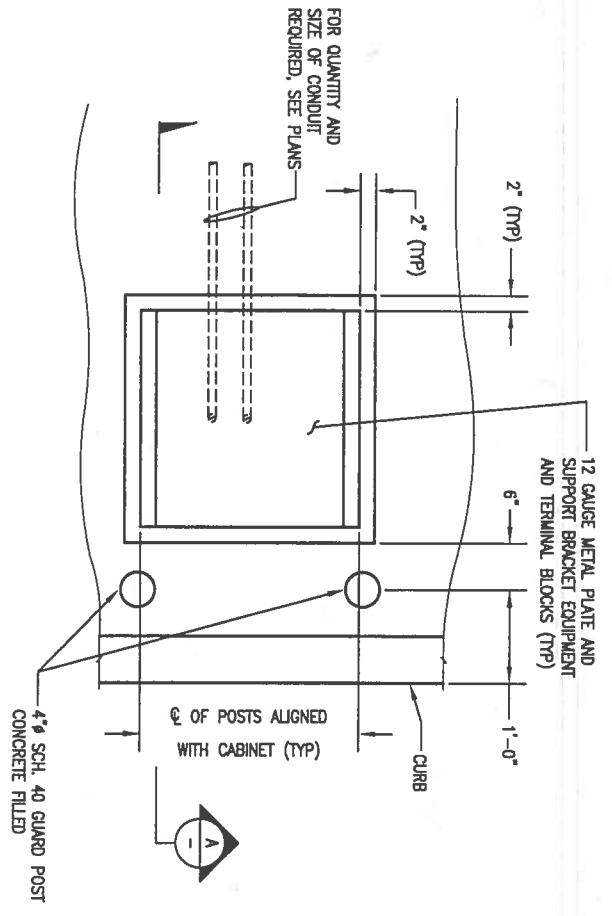
Thank you,

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"





**NOTES:**

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, UOH, 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 TEAS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1" FIBER EXPANSION JOINT SHALL BE BITUMINOUS 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 EXGES 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	ISSUED FOR B&C DESIGN SUBMITTAL	DESIGNER	DA	FR	CHECKED	APPROVED
03/01/2011						
REPORT REVISION	09/01/2010					

**HNTB-B&C**  
JOINT VENTURE  
*B&C TRANSIT INC.*

DESIGNED BY: R. ALJUDAH  
 CHECKED BY: T. NGUYEN  
 APPROVED BY: [Signature]

**MUNICIPAL TRANSPORTATION AGENCY**  
CITY AND COUNTY OF SAN FRANCISCO

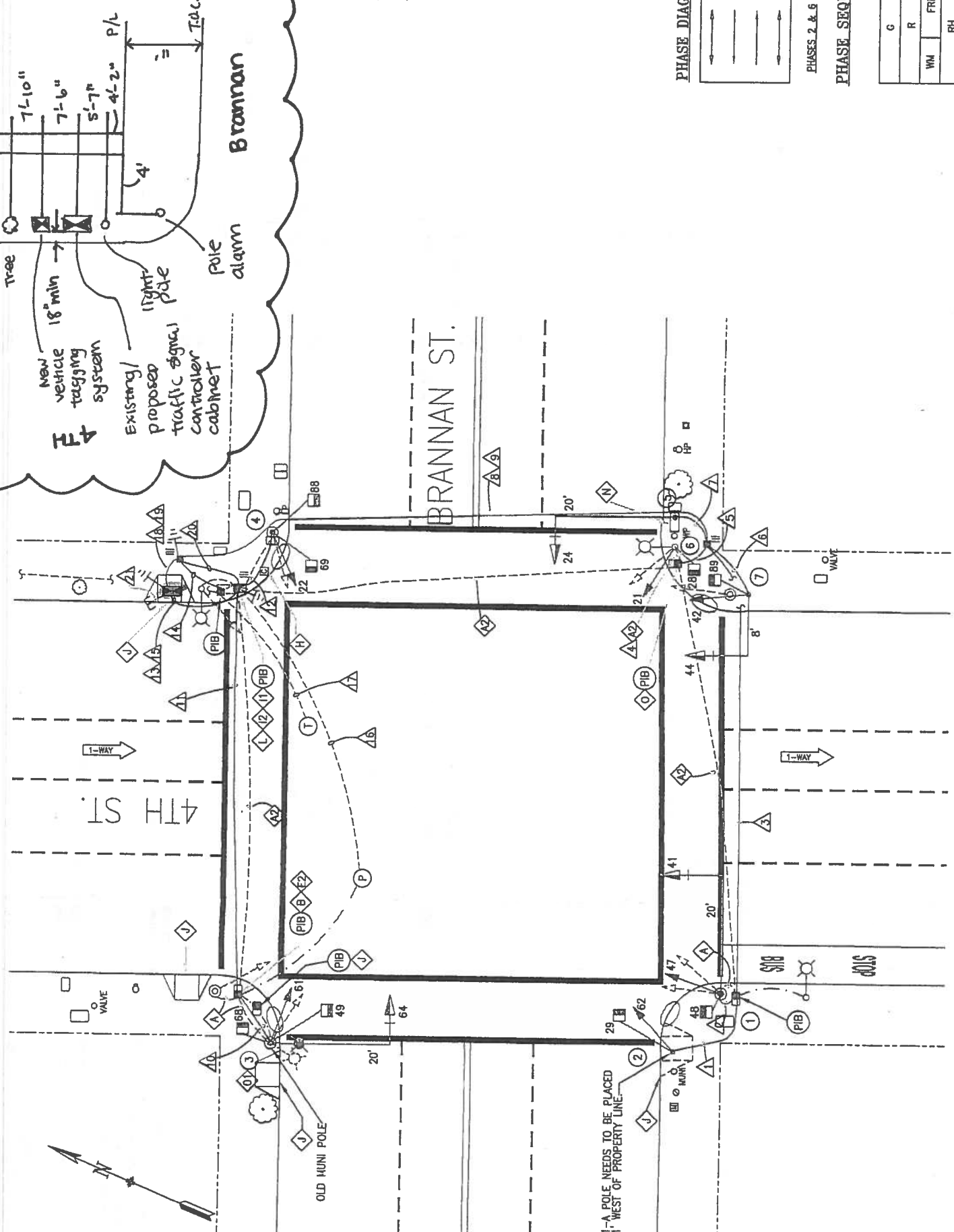
APPROVED BY: [Signature]  
EXECUTIVE DIRECTOR/CDO

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

**SURFACE SIGNALING**  
VTS CABINET INSTALLATION DETAILS

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

FREELON ST.

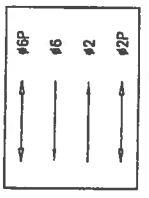


**DETAIL NOTES:**

- EX CONDUIT AND WIRING, R/C EX WIRING, CUT CONDUIT FLUSH TO PULLBOX WALL OR 12" DEPTH, CAP CONDUIT ENDS.
- EX CONDUIT AND WIRING, SL WIRING TO REMAIN, R/C EX TS WIRING, F/A WIRING AS NOTED.
- SPLICE NEW WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- R/S EX STEEL COVER.
- PULL 12/C BACK INTO PULL BOX FROM EX IC, SPLICE AND EXTEND TO NEW IC LOCATION.
- SPLICE AND EXTEND SERVICE WIRES TO NEW IC LOCATION.
- R/C EX CURB RAMP, RESTORE CURB AND SIDEWALK.
- F/A IN-LINE FUSE HOLDER W/ 40 AMP FUSE FOR IC SERVICE.
- R/C EX ABANDONED SEWER SAMPLER AND DPW PULL BOX, R/C ELECTRICAL AND MECHANICAL PIPING TO 2" DEPTH, REPAIR SURFACE TO MATCH EX.
- PULL BOX LABEL SHALL BE "STREET LIGHTING".
- FIELD VERIFY EX SL VOLTAGE BEFORE INSTALLATION.
- FIRE ALARM TO BE RELOCATED.

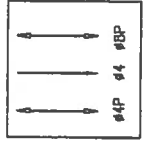
**NOTE:**  
 THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

**PHASE DIAGRAM:**



PHASES 2 & 6

**PHASE SEQUENCE:**



PHASES 4 & 8

G	Y	R	BRANNAN ST.
R	G	Y	4TH STREET
WM	FRH	RH	PED XING 4TH STREET
RH	WM	FRH	PED XING BRANNAN

SWITCH OVER 4-10-02  
**AS BUILT DRAWING**  
 APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

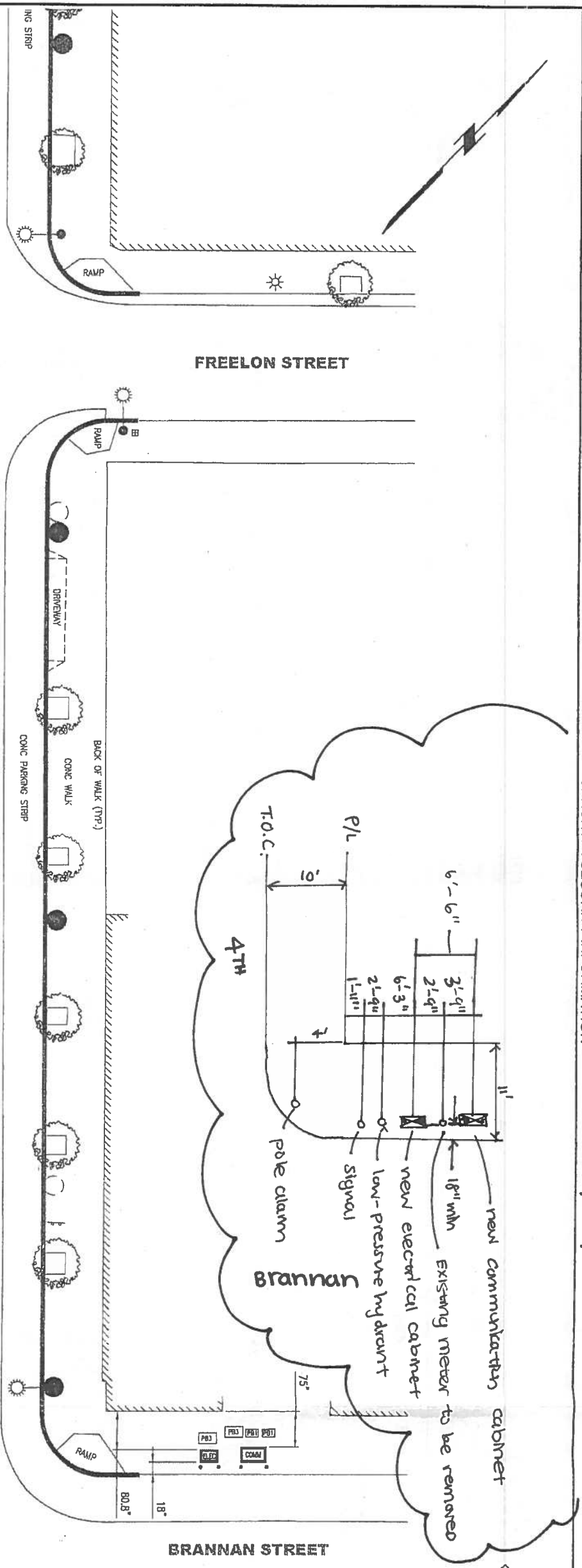
		<b>BUREAU OF ENGINEERING</b> DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO	
DESIGNED:	DATE:	APPROVED:	DATE:
NO/BW	7/00		
DRAWN:	DATE:	SECTION MANAGER:	DATE:
JS/CXL	7/00		
CHECKED:	DATE:	DIVISION MANAGER:	DATE:
NO/D'OK	7/00		
CITY ENGINEER:	DATE:		
REFERENCE INFORMATION & FILE NO. OF SURVEYS		SCALE: 1"=10'-0" SHEET OF SHEETS	
SPECIFICATION NO. 1989N DRAWING NO. E-6 FILE NO. 74,701 REV. NO. 3		BRANNAN AND TOWNSEND STREETS TRAFFIC SIGNALS UPGRADE 4th ST. AND BRANNAN ST.	

WH	SL	DATE	DESCRIPTION	BY	APP.

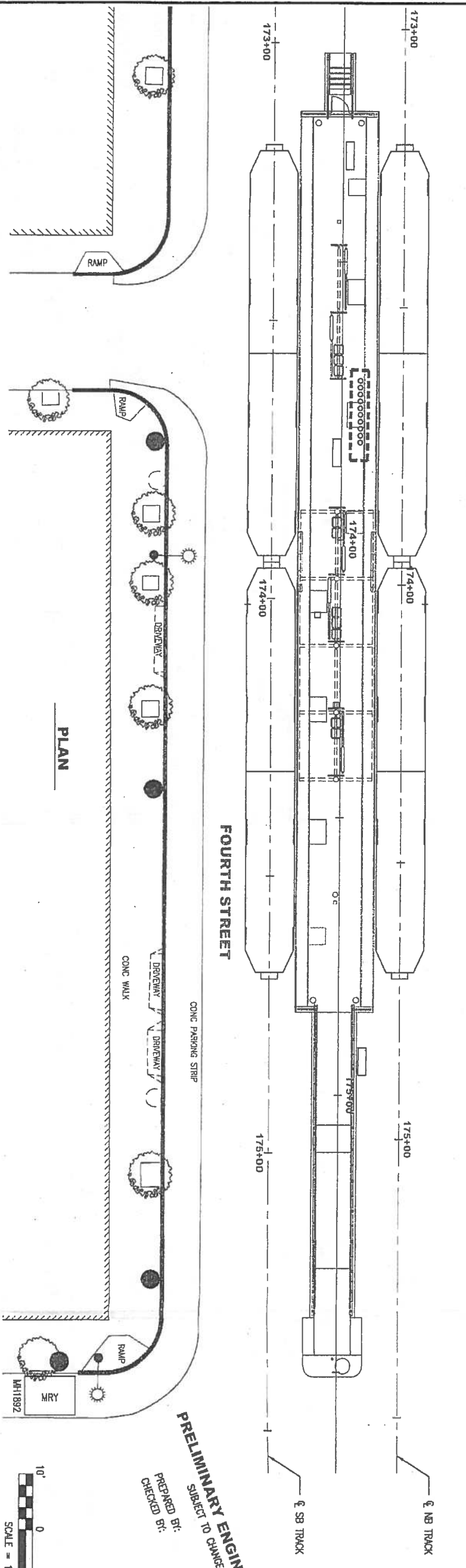
CHECK WITH TRACKING TO SEE IF YOU HAVE LATEST REVISION

SENSITIVE SECURITY INFORMATION

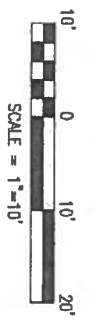
70E ST.



- NOTES:
- 1. NOT USED.
  - 2. NOT USED.



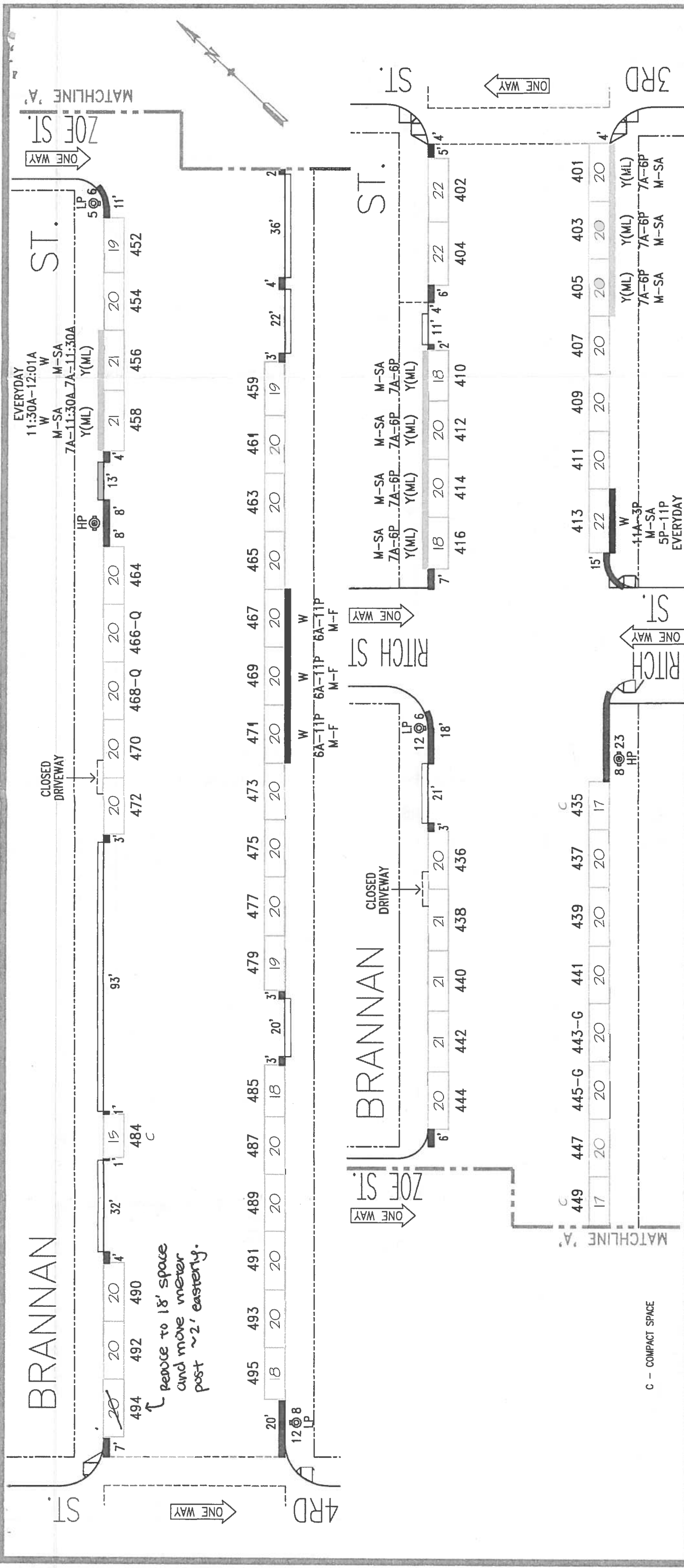
PLAN



PRELIMINARY ENGINEERING  
 SUBJECT TO CHANGE  
 PREPARED BY:  
 CHECKED BY:

<p>DATE: 11/04/2011</p> <p>DESCRIPTION:</p>	<p>DESIGNED BY: M. SONG</p> <p>CHECKED BY: W. SENG</p> <p>APPROVED BY: S. FONG</p>	<p>REVISIONS:</p>	<p>APPROVED:</p>	<p>DATE:</p>	<p>DATE:</p>
<p><b>SFMTA</b></p>					
<p>CITY AND COUNTY OF SAN FRANCISCO                  MUNICIPAL TRANSPORTATION AGENCY</p>					
<p>THIRD STREET LIGHT RAIL PROGRAM                  PHASE 2 - CENTRAL SUBWAY                  SURFACE, TRACK AND SYSTEMS</p>					
<p>ELECTRICAL POWER                  ELECTRICAL PANEL &amp; COMMUNICATION CABINET                  (N) LOCATION</p>					
<p>DRAWING NO. 1256                  SHEET NO. 1256</p>					

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF THE CITY AND COUNTY OF SAN FRANCISCO AND IS LOANED TO YOU BY THE CITY AND COUNTY OF SAN FRANCISCO. IT IS NOT TO 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 THE WRITTEN PERMISSION OF THE CITY AND COUNTY OF SAN FRANCISCO.



NO.		REVISION DESCRIPTION	BY	DATE	DIR/RES	3	4	Revoked PLZ#471-73, Est. PLZ#467-71	JB	6/20/11	3898
1		ALL Y(ML) 1-Hour time limit	BW	1/3/07			4	Rescind 59' BS, Install #402,404	JB	8/4/11	11-076
2		PT-PLZ meters #471 & 473	JB	12/15/08							

TOW-AWAY METER CT.		LOADING										METERED SPACES					
SIDE	AM	PM	SS	MS	GMP	MC	DAYS	TIMES	ML	MTL	6-W	15 MIN	30 MIN	1 HR	2 HR	10 HR	TOTAL
ODD			32		29		M-SA	9A-6P	3			2	3	27			32
EVEN			24		18		M-SA	9A-6P	6			2	6	16			24



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

**BRANNAN ST. (BRA, 330)**  
**(400) BLOCK**  
Meters # 330-04XXY

3RD ST. TO 4TH ST.  
SCALE: 1"=40'  
DATE: 6/20/11  
BY: JB

AREA 1



**SFMTA**

Municipal Transportation Agency

**MEMORANDUM**

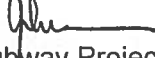
**TO:** Rene Lopez  
 Bureau of Street Use and Mapping  
 1155 Market Street

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

RECEIVED  
BUREAU OF STREET USE & MAPPING

**MAY 09 2013**

DEPT OF PUBLIC WORKS

AI 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, Traffic Signal Cabinet, Communication Cabinet and  
 Electrical Cabinet Installation on 4<sup>th</sup> Street and Brannan Street

*OK  
PMM 7/10/13*

Edwin M. Lee  
*Mayor*

Tom Nolan  
*Chairman*

Cheryl Brinkman  
*Vice-Chairman*

Leona Bridges  
*Director*

Malcolm Heinicke  
*Director*

Jerry Lee  
*Director*

Joël 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, Traffic Signal Controller Cabinet, Communication Cabinet, and Electrical Cabinet) on 4<sup>th</sup> Street and Brannan 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 (AI 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: **4<sup>th</sup> Street and Brannan 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, traffic signal controller, communication cabinet, and electrical cabinets is o.k.

Reviewed By Rene Lopez RLM 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 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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 east on the northeast corner of 4<sup>th</sup> Street and Brannan 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 east next to the existing traffic signal controller cabinet on the northeast corner of 4<sup>th</sup> Street and Brannan Street. There is no existing communication cabinet or electrical cabinet. The new communication cabinet and electrical cabinet will be installed facing north on the northeast corner of 4<sup>th</sup> Street and Brannan Street. Parking meter and space #330-04940 will be removed.

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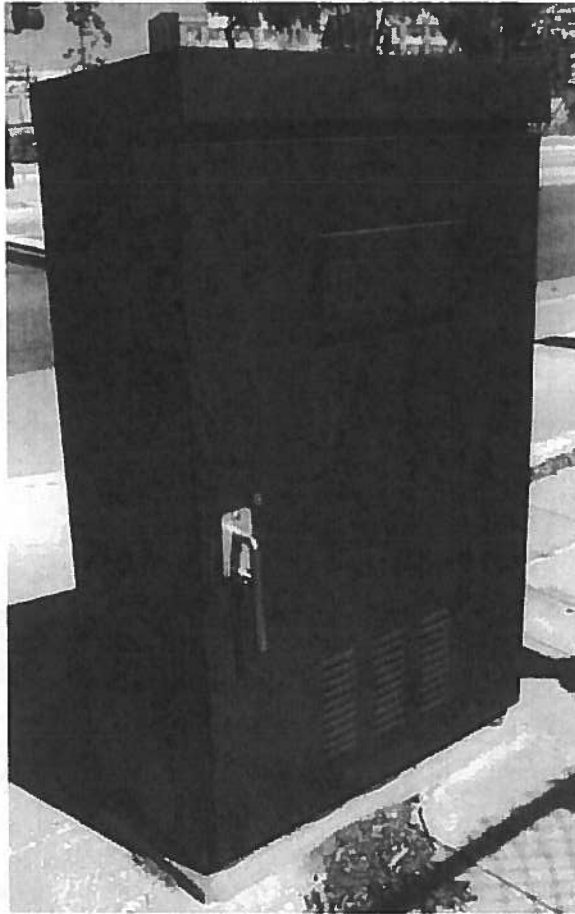


04TH ST	FRELON ST intersection								<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	SFPARK	SFpark sensors	2/4/2011	12/31/2015	1791	Under Construction		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST intersection	SFWD	14-022	11/1/2014	9/1/2015	304	Proposed		<ul style="list-style-type: none"> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	SFPARK	SFpark sensors	2/4/2011	12/31/2015	1791	Under Construction		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>
04TH ST	BLUXOME ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	BLUXOME ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed		<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>

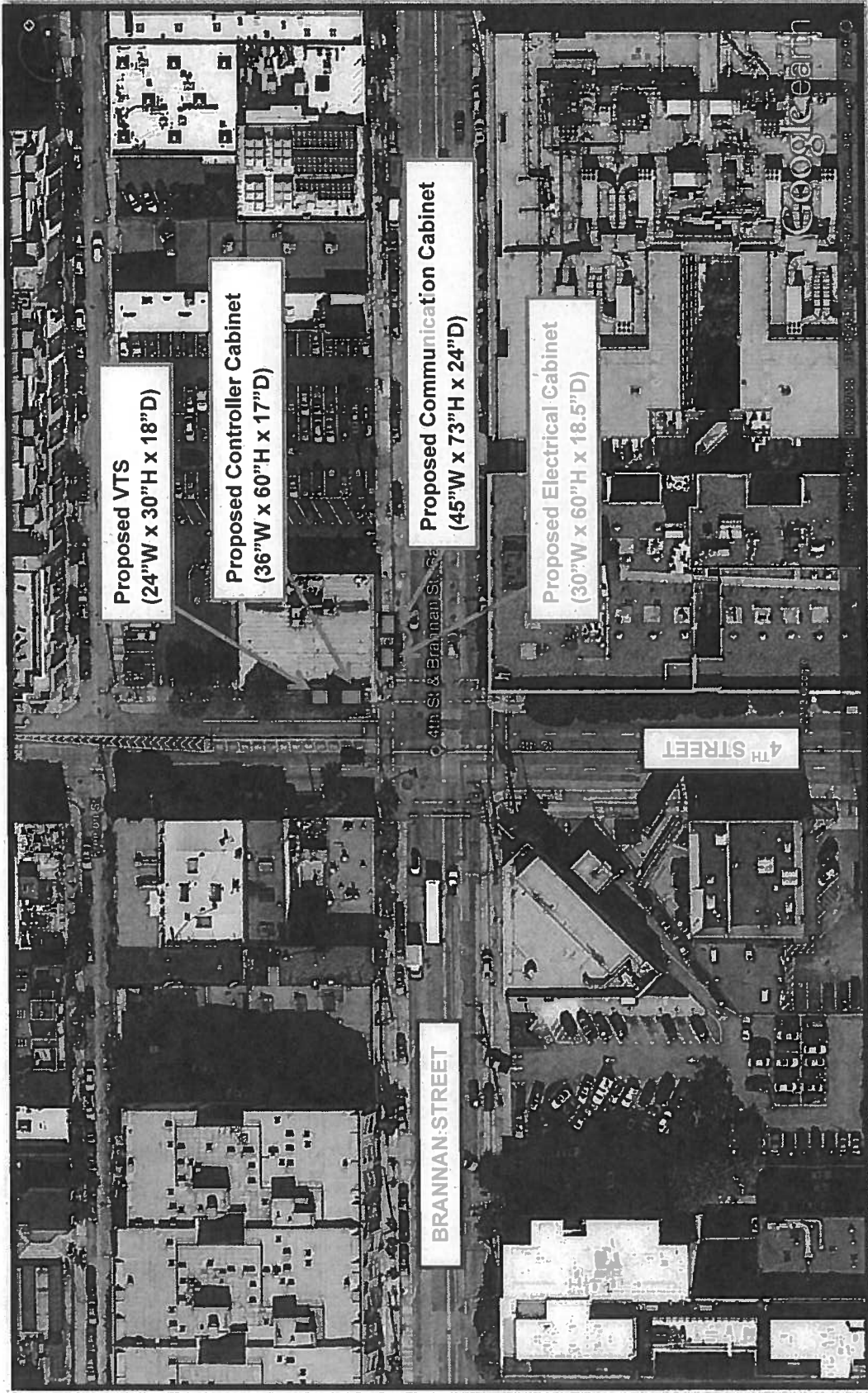
BRANNAN ST	ZOE ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFPARK	<u>Sfpark sensors</u>	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed	• paving conflict • needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFPARK	<u>Sfpark sensors</u>	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	05TH ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	10/1/2015	913	Proposed	• moratorium ends 1/13/2014 • needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	DPT	<u>Reopening Closed Crosswalks</u>	9/1/2013	12/1/2014	456	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	END intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
BRANNAN ST	END to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (650 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
		SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	

ADD → BRANNAN ST. BET. ZOE ST. TO 04TH ST. CENTRAL SUBWAY  
<http://bsm.sfdpw.org/5year/view/projects.aspx> 5/7/2013

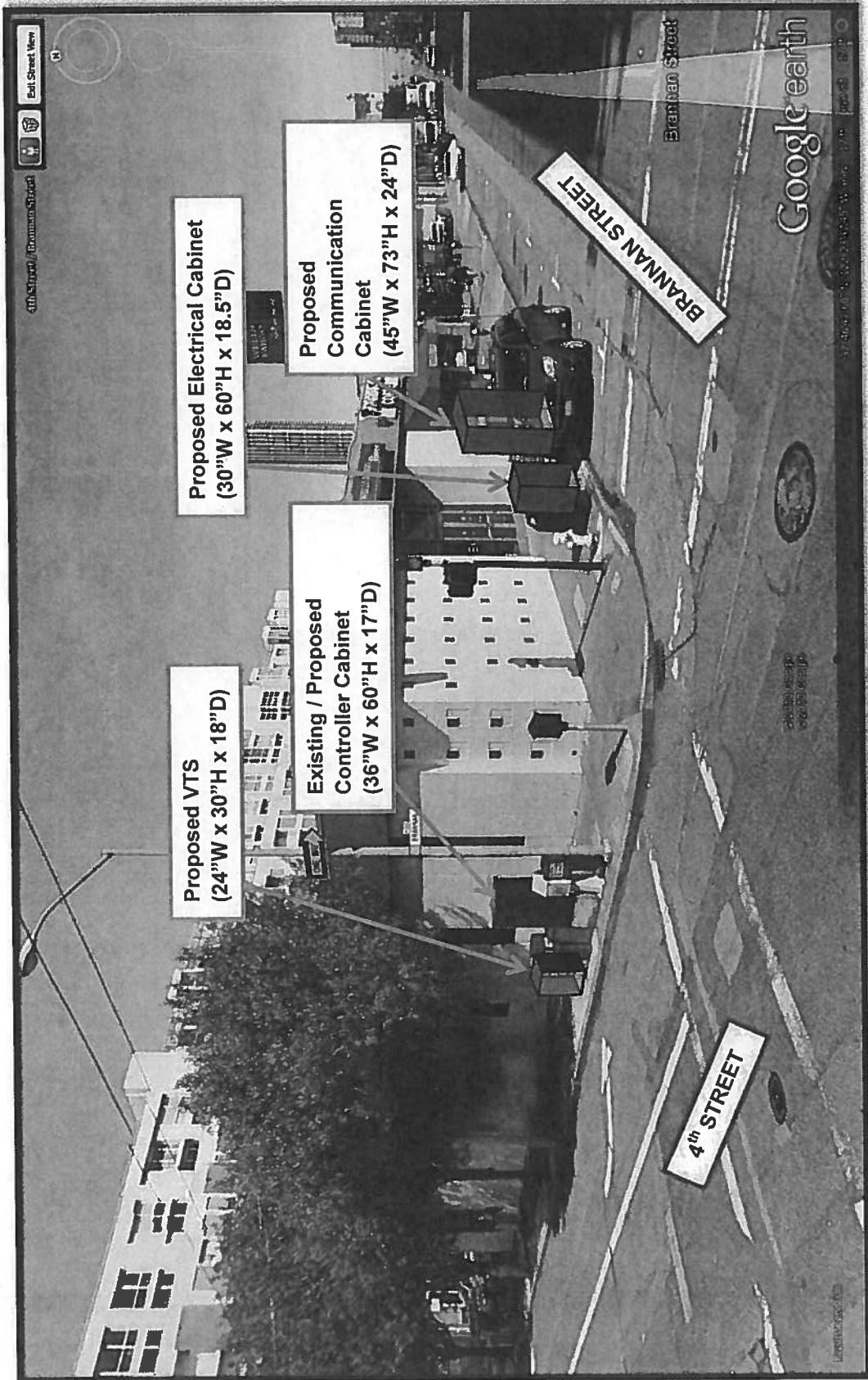
## **DIMENSIONS FOR M-SF CONTROLLER CABINET**



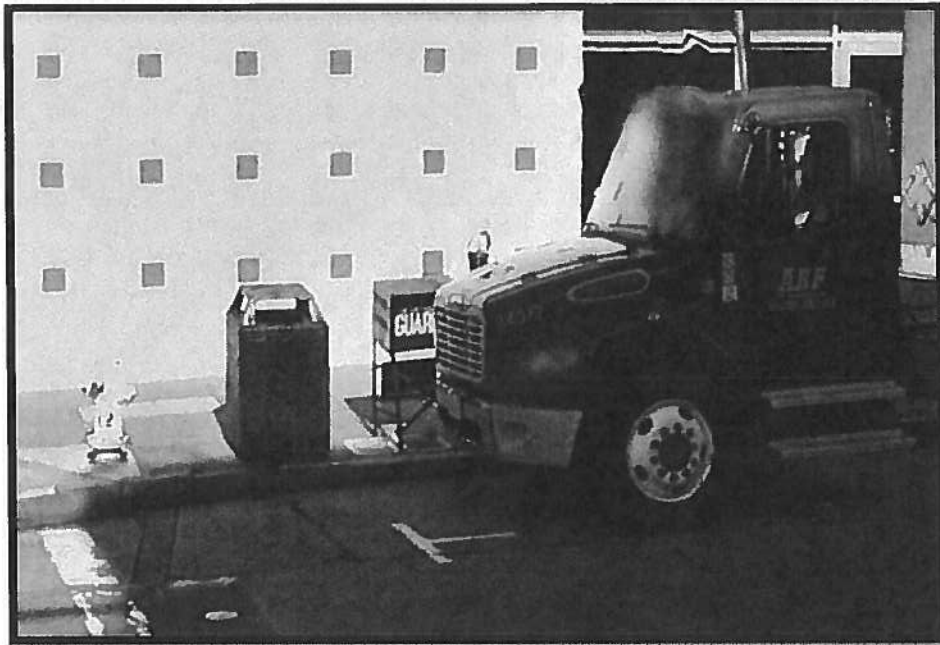
Controller Cabinet is 36"W x 60"H x 17"D;  
Concrete Foundation is 38"W x 2"H x 19"D  
Total Height (Cabinet and Foundation): 62"



**4<sup>th</sup> STREET AND BRANNAN STREET – AERIAL VIEW**



4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER (PROPOSED LOCATION)

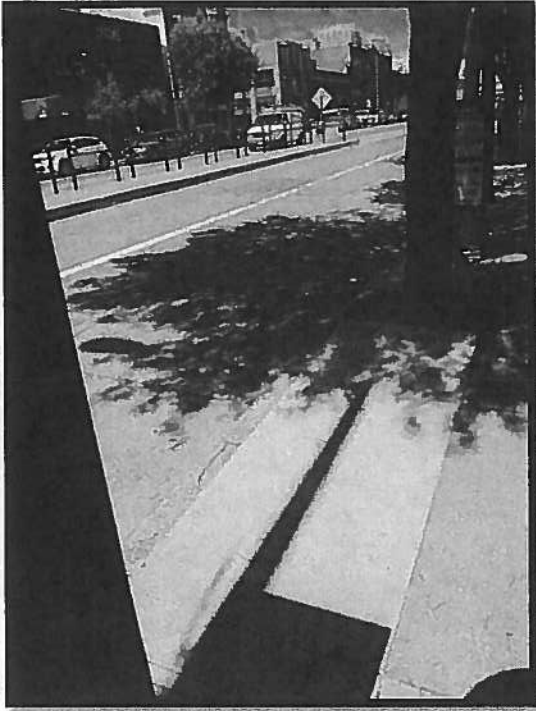


**FACING NORTH**

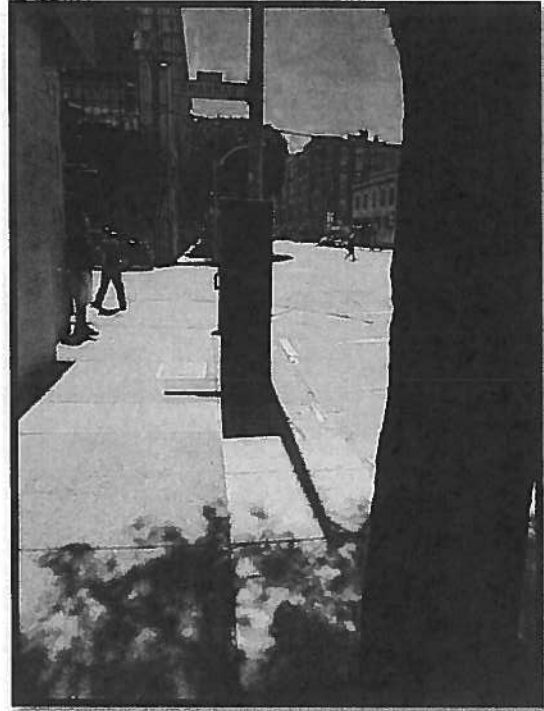


**FACING EAST**

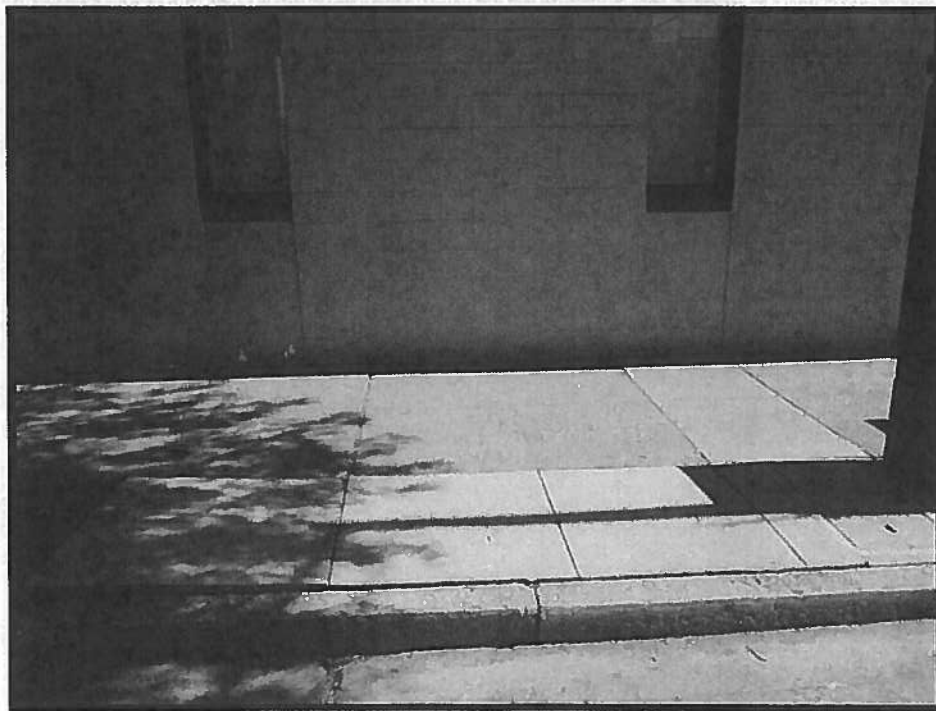
**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Communication Cabinet and Electrical Cabinet Location)**



**FACING NORTH**



**FACING SOUTH**



**FACING EAST**

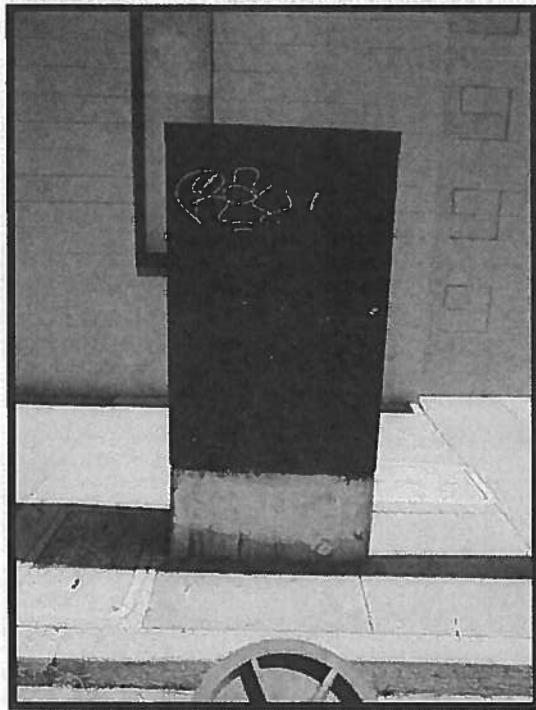
**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Vehicle Tagging System Cabinet Location)**



**LEFT SIDE**



**RIGHT SIDE**



**BACK SIDE**

**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Existing Traffic Signal Controller Cabinet)**



## **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, traffic signal controller cabinet, communication cabinet, and electrical cabinet at the northeast corner of 4<sup>th</sup> Street and Brannan 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, communication, and electrical cabinets 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, communication, and electrical cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at Brannan 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, communication, and electrical 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](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3<sup>rd</sup> 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,

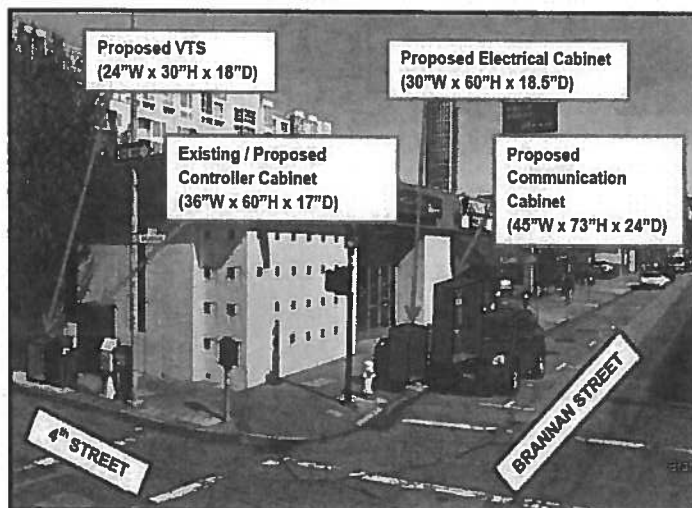
Al Herce  
San Francisco Municipal Transportation Agency  
Central Subway Project  
One South Van Ness Avenue, 7<sup>th</sup> Floor  
San Francisco, CA 94103  
(415) 701-4552

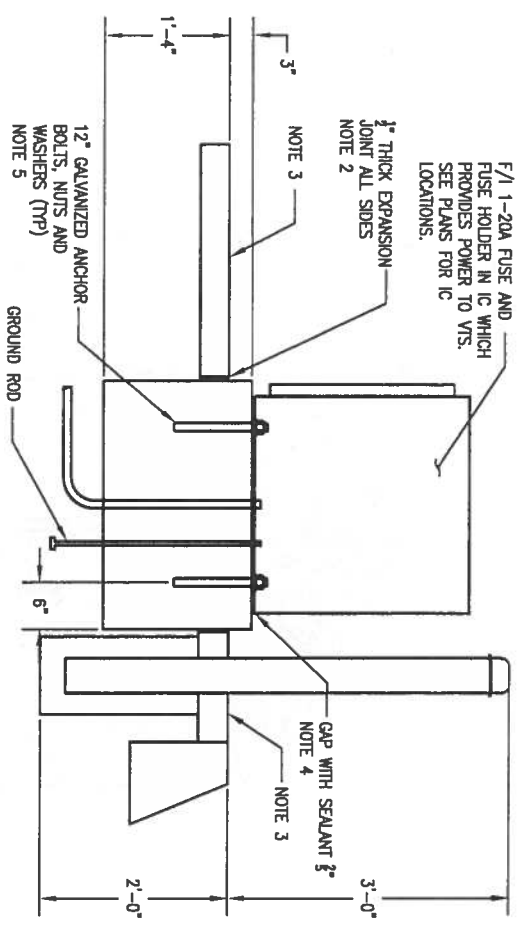
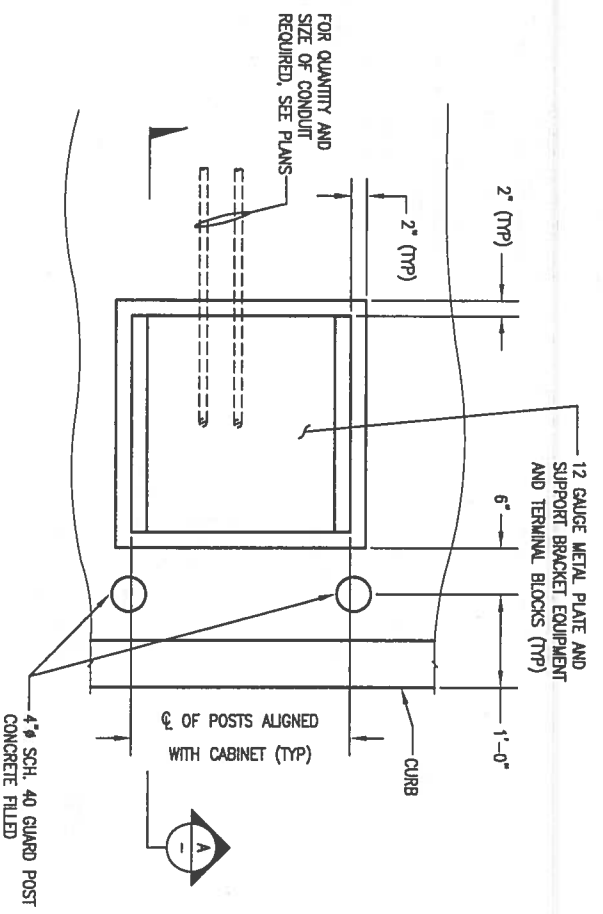
VTS Cabinet is 24"W x 30"H x 18"D;  
Total Height (Cabinet, Foundation, and Posts): 36"

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

Communication Cabinet is 45"W x 73"H x 24"D;  
Total Height (Cabinet and Foundation): 79"

Electrical Cabinet is 30"W x 60"H x 18.5"D;  
Total Height (Cabinet and Foundation): 66"





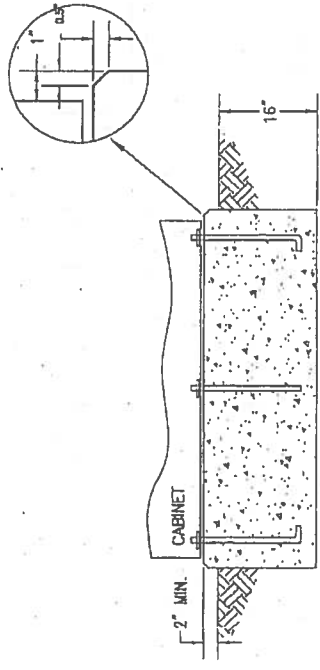
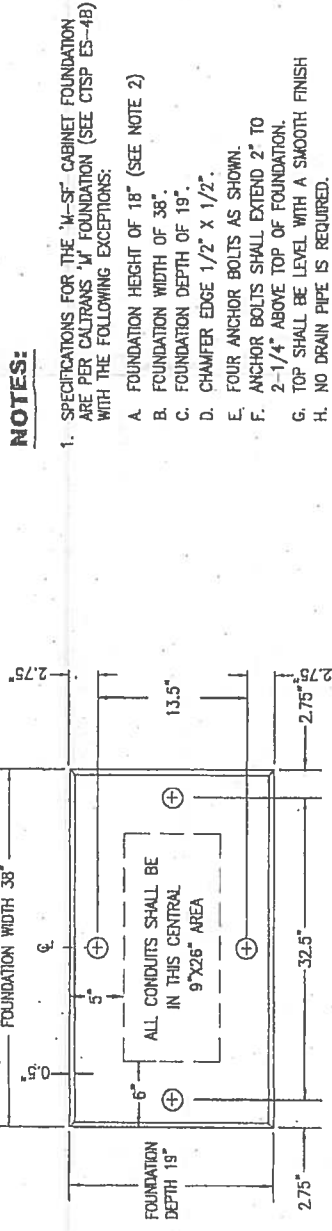
**NOTES:**

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, UO#1, 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) BRAND OF CEMENT.
    - ii) PROPORTION OF COMPONENTS IN THE MIX.
    - 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 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-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**

NIS

HNTB-B&C JOINT VENTURE 		DESIGNED BY: R. ALBERDA CHECKED BY: D. COURT APPROVED BY: _____ DATE: _____	
B&G TRANSIT INC.		CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED BY: _____ EXECUTIVE DIRECTOR/CEO	
THIRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS		CONTRACT NO. 1256 SERIAL CONTROL NO. _____	
SURFACE SIGNALING VTS CABINET INSTALLATION DETAILS		DRAWING NO. SG-156 SHEET NO. _____ REVISION: 0A	
DATE: 03/07/2011 ISSUED FOR EST DESIGN SUBMITTAL DESCRIPTION: VTS CABINET INSTALLATION DATE: _____ BY: _____ CHECKED: _____ APPROVED: _____			

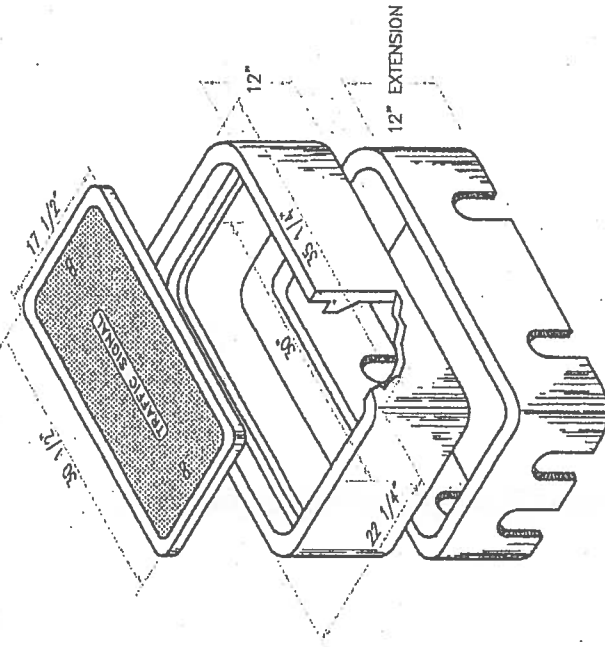


"M-SF" CABINET FOUNDATION

2 DETAIL  
ET-202 NTS

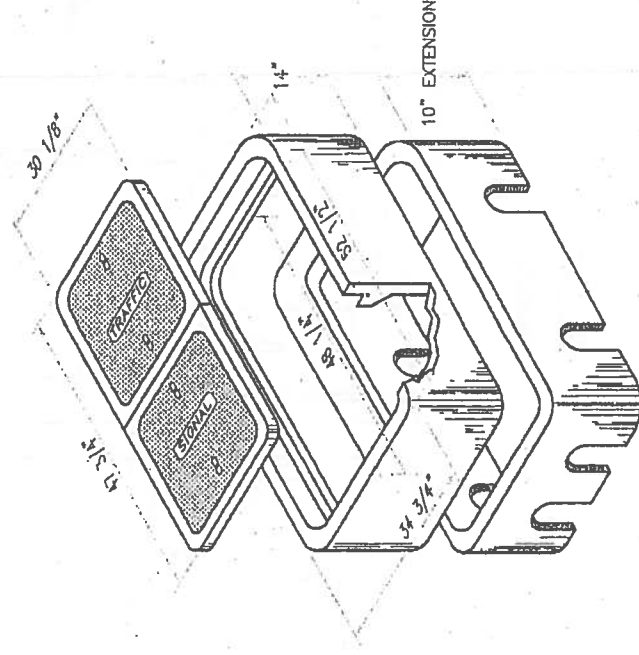
NOTES:

- SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER CALTRANS "M" FOUNDATION (SEE CISP ES-4B) 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 NTS



TYPE 4X PULL BOX

1 DETAIL  
ET-202 NTS

SFMTA

DESIGNED BY: W. SONG  
DRAWN BY: W. SONG  
CHECKED BY: S. FRANK  
APPROVED BY: D. VANORNEY  
RECORDED BY: A. REAGAN  
DATE: 07/19/2011



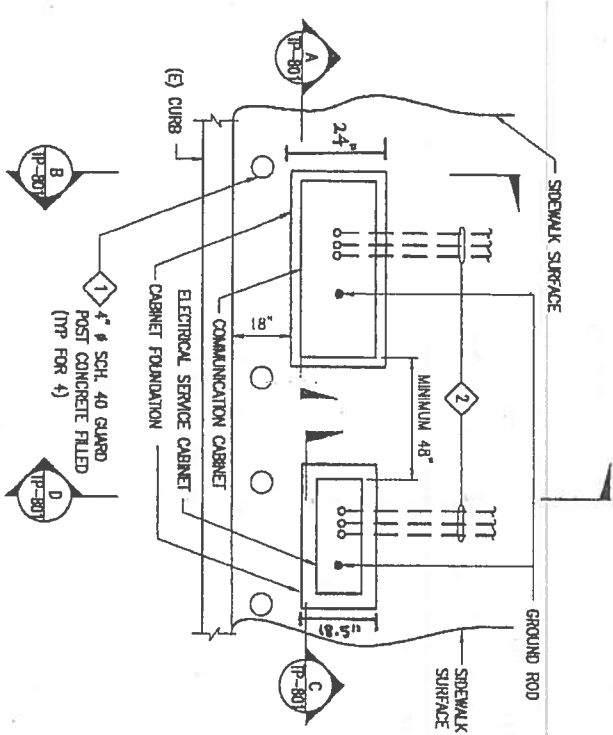
CITY AND COUNTY OF SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY

APPROVED: [Signature]  
DIRECTOR OF TRANSPORTATION

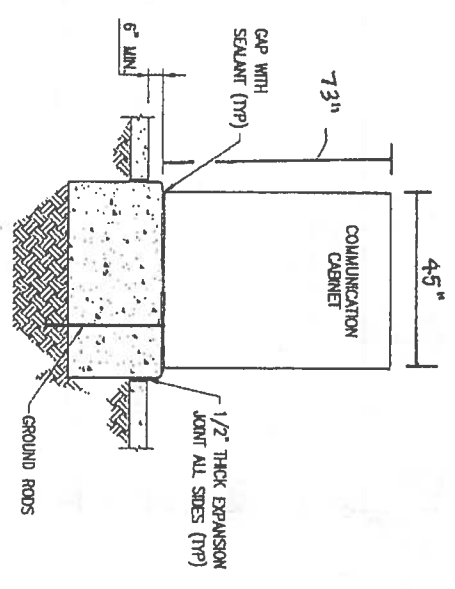
THIRD STREET LIGHT RAIL PROGRAM  
PHASE 2 - CENTRAL SUBWAY  
UNION SQUARE/MARKET STREET STATION

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

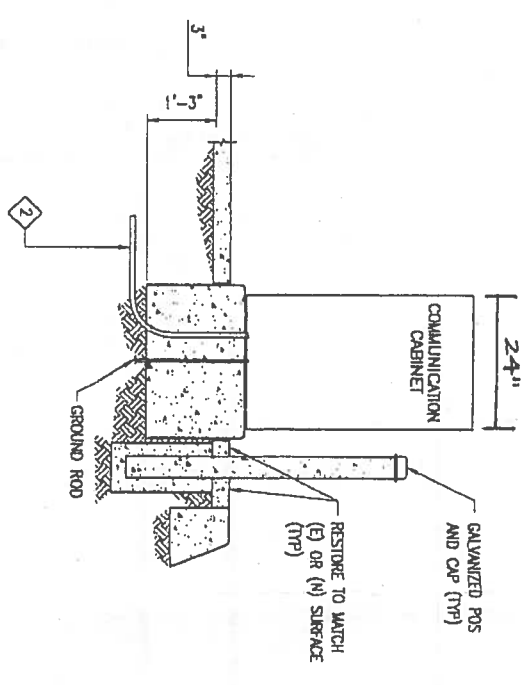
TRAFFIC SIGNALS  
DETAILS  
SHEET 2 OF 2



COMMUNICATION AND ELECTRICAL CABINETS  
 1 DETAIL  
 TP-801 NTS



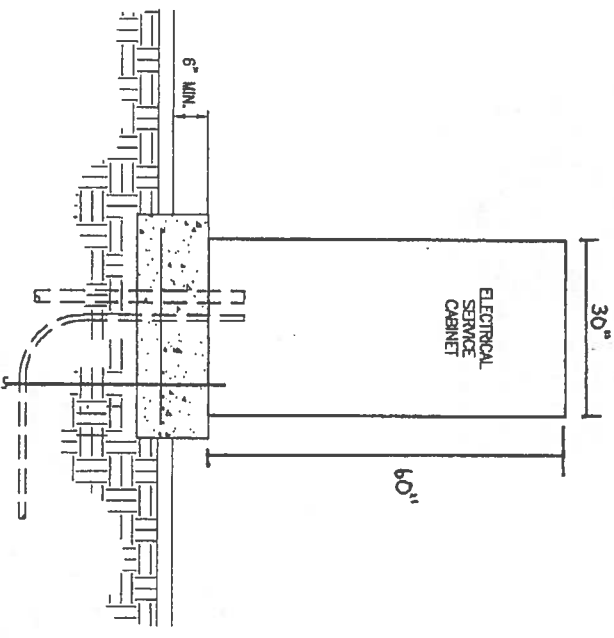
COMMUNICATION CABINET AND FOUNDATION  
 A SECTION  
 TP-801 NTS



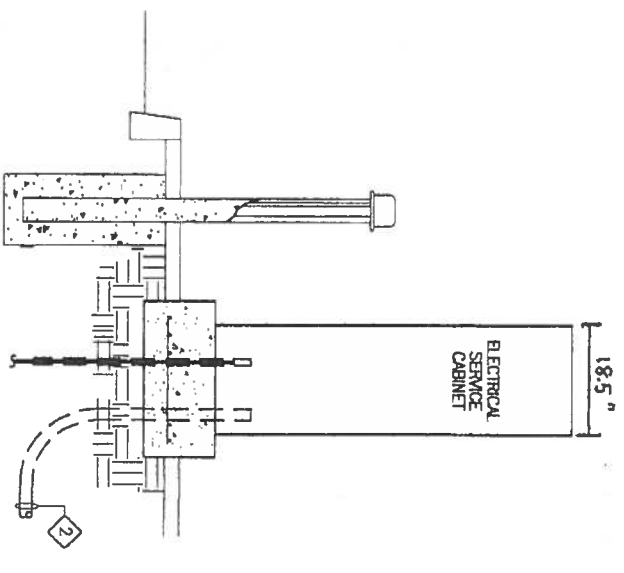
COMMUNICATION CABINET AND FOUNDATION  
 B SECTION  
 TP-801 NTS

NOTES:

- FOR GUARD POST DETAILS, SEE DPW STANDARD PLAN LA-87210. GUARD POST SHALL BE 4.5" (OUTER DIAMETER) GRSC WITH CONCRETE FILLER.
- FOR QUANTITY AND SIZE OF CONDUITS REQUIRED, SEE EP-031.
- PRIOR TO CONSTRUCTION OF CONCRETE PAD, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING PAD SIZE, CABINET DIMENSIONS & PLACEMENT, REINFORCEMENTS, AND ANCHORAGE DETAILS FOR ENGINEER'S APPROVAL.



ELECTRICAL CABINET AND FOUNDATION  
 C SECTION  
 TP-801 NTS



ELECTRICAL CABINET AND FOUNDATION  
 D SECTION  
 TP-801 NTS

<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> <th>CHKD</th> <th>APPROVED</th> </tr> <tr> <td>0</td> <td>05/25/2012</td> <td>ISSUED FOR BID</td> <td></td> <td></td> <td></td> </tr> </table>	NO.	DATE	DESCRIPTION	BY	CHKD	APPROVED	0	05/25/2012	ISSUED FOR BID				<p><b>SFMTA</b></p>	<p>REGISTERED PROFESSIONAL ENGINEER                  W. SONG                  CIVIL ENGINEER                  T. TELLENDO                  ELECTRICAL ENGINEER                  R. EDWARDS</p>	<p>NOT VALID UNLESS SIGNED</p>	<p>SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO                  REGISTERED PROFESSIONAL ENGINEER                  W. SONG                  CIVIL ENGINEER                  T. TELLENDO                  ELECTRICAL ENGINEER                  R. EDWARDS</p>	<p>CITY AND COUNTY OF SAN FRANCISCO                  MUNICIPAL TRANSPORTATION AGENCY</p>	<p>THIRD STREET LIGHT RAIL PROGRAM                  PHASE 2 - CENTRAL SUBWAY                  SURFACE, TRACK AND SYSTEMS                  ELECTRICAL POWER                  CABINET DETAILS</p>	<p>CONTRACT NO. 1256                  SHEET NO. CL-22772                  DRAWING NO. EP-801                  REVISION 0</p>
NO.	DATE	DESCRIPTION	BY	CHKD	APPROVED														
0	05/25/2012	ISSUED FOR BID																	

WARNING: THIS RECORD CONTAINS SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 1520. NO PART OF THIS RECORD MAY BE DISCLOSED TO PERSON WITHOUT A NEED TO KNOW. AS DEFINED IN 49 CFR PARTS 15 AND 1520, 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.





(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-0017**

**Surface Mounted Facility Permit**

Address : BRANNAN ST: ZOE ST  
to 04TH ST (440 - 499)

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 communication cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: Brannan St. between 04th St. to Zoe 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 3:39:06 PM

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-0017

\*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	BRANNAN ST	ZOE ST	04TH ST	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
<b>Total</b>						<b>0</b>	<b>0</b>		

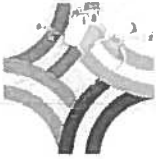


# Exceptions

14SMF-0017

Street Name	From St	To St	Message	Job	Contact	Dates
BRANNAN ST						
	ZOE ST	04TH ST -	Conflict with existing Street Use Permit.	12B-0115	Refer to Agent - Refer to Agent	Jan 23 2013-Jan 23 2014
	ZOE ST	04TH ST -	Conflict with existing Street Use Permit.	13B-0121	(415) 431-2950 - (415) 431-2950	Jan 23 2014-Jan 23 2015
	ZOE ST	04TH ST -	Conflict with existing Street Use Permit.	13B-0141	(415) 431-2950 - (415) 431-2950	Jan 1 2014-Oct 31 2014
	ZOE ST	04TH 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
	ZOE ST	04TH 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		
	ZOE ST	04TH 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		
	ZOE ST	04TH ST -	Truck Route: Call Cindy Shamban of DPT at 554-2341 for Restriction Information.	N/A		
	ZOE ST	04TH ST -	Proposed Paving.	PAVING	Richard Lee -	Dec 16 2016-Apr 17 2017
	ZOE ST	04TH 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	Stone or Concrete Monument		

# No Diagram submitted



**MEMORANDUM**

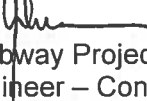
**TO:** Rene Lopez  
Bureau of Street Use and Mapping  
1155 Market Street

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 2, 2013

**SUBJECT:** Central Subway Project  
Surface Mounted Facility Submittal Package for Vehicle Tagging  
System, Traffic Signal Cabinet, Communication Cabinet and  
Electrical Cabinet Installation on 4<sup>th</sup> Street and Brannan Street

*OK  
PMM 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 (Vehicle Tagging System Cabinet, Traffic Signal Controller Cabinet, Communication Cabinet, and Electrical Cabinet) on 4<sup>th</sup> Street and Brannan 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: **4<sup>th</sup> Street and Brannan 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, traffic signal controller, communication cabinet, and electrical cabinets is o.k.

Reviewed By Rene Lopez RLM 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 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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, traffic signal controller cabinet, communication cabinet, and electrical 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, traffic signal controller cabinets, communication cabinets, and electrical 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 east on the northeast corner of 4<sup>th</sup> Street and Brannan 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 east next to the existing traffic signal controller cabinet on the northeast corner of 4<sup>th</sup> Street and Brannan Street. There is no existing communication cabinet or electrical cabinet. The new communication cabinet and electrical cabinet will be installed facing north on the northeast corner of 4<sup>th</sup> Street and Brannan Street. Parking meter and space #330-04940 will be removed.

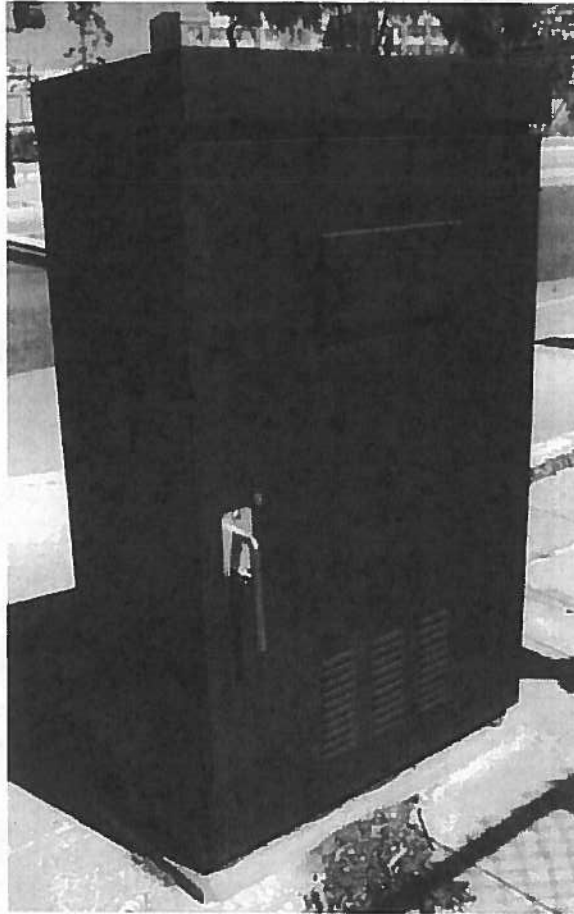
04TH ST	FRELON ST intersection								<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>
04TH ST	FRELON ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>	
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>	
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	SFPARK	SFPark sensors	2/4/2011	12/31/2015	1791	Under Construction	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>	
04TH ST	FRELON ST to BRANNAN ST (569 - 599)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>	
04TH ST	BRANNAN ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> <li>needs coordination</li> </ul>	
04TH ST	BRANNAN ST intersection	SFWD	14-022	11/1/2014	9/1/2015	304	Proposed	<ul style="list-style-type: none"> <li>needs coordination</li> </ul>	
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>	
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	SFPARK	SFPark sensors	2/4/2011	12/31/2015	1791	Under Construction	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>	
04TH ST	BRANNAN ST to BLUXOME ST (600 - 649)	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>	
04TH ST	BLUXOME ST intersection	MUNI	Central Subway	4/1/2013	5/22/2017	1512	Proposed	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>paving conflict</li> <li>needs coordination</li> </ul>	
04TH ST	BLUXOME ST intersection	PAVING	Central Subway P2- CN1256-STS	4/4/2013	10/16/2018	2021	Proposed	<ul style="list-style-type: none"> <li>paving starts 4/4/2013</li> <li>needs coordination</li> </ul>	

BRANNAN ST	ZOE ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFPARK	<u>Sfpark sensors</u>	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	ZOE ST to 04TH ST (440 - 499)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed	• needs coordination
BRANNAN ST	04TH ST intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	MUNI	<u>Central Subway</u>	4/1/2013	5/22/2017	1512	Proposed	• paving conflict • needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFPARK	<u>Sfpark sensors</u>	2/4/2011	12/31/2015	1791	Under Construction	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	04TH ST to 05TH ST (500 - 599)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	05TH ST intersection	MUNI	<u>Central Subway</u>	4/1/2013	10/1/2015	913	Proposed	• moratorium ends 1/13/2014 • needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	05TH ST to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (600 - 699)	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	DPT	<u>Reopening Closed Crosswalks</u>	9/1/2013	12/1/2014	456	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	• needs coordination
BRANNAN ST	06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND intersection	PAVING	<u>Pavement Renovation - Brannan St</u>	7/1/2016	11/28/2017	515	Proposed	• needs coordination
BRANNAN ST	END intersection	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
BRANNAN ST	END to 06TH ST \ I-280 NORTHBOUND \ I-280 SOUTHBOUND (650 - 699)	SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	
		SFWD	<u>14-022</u>	11/1/2014	9/1/2015	304	Proposed	

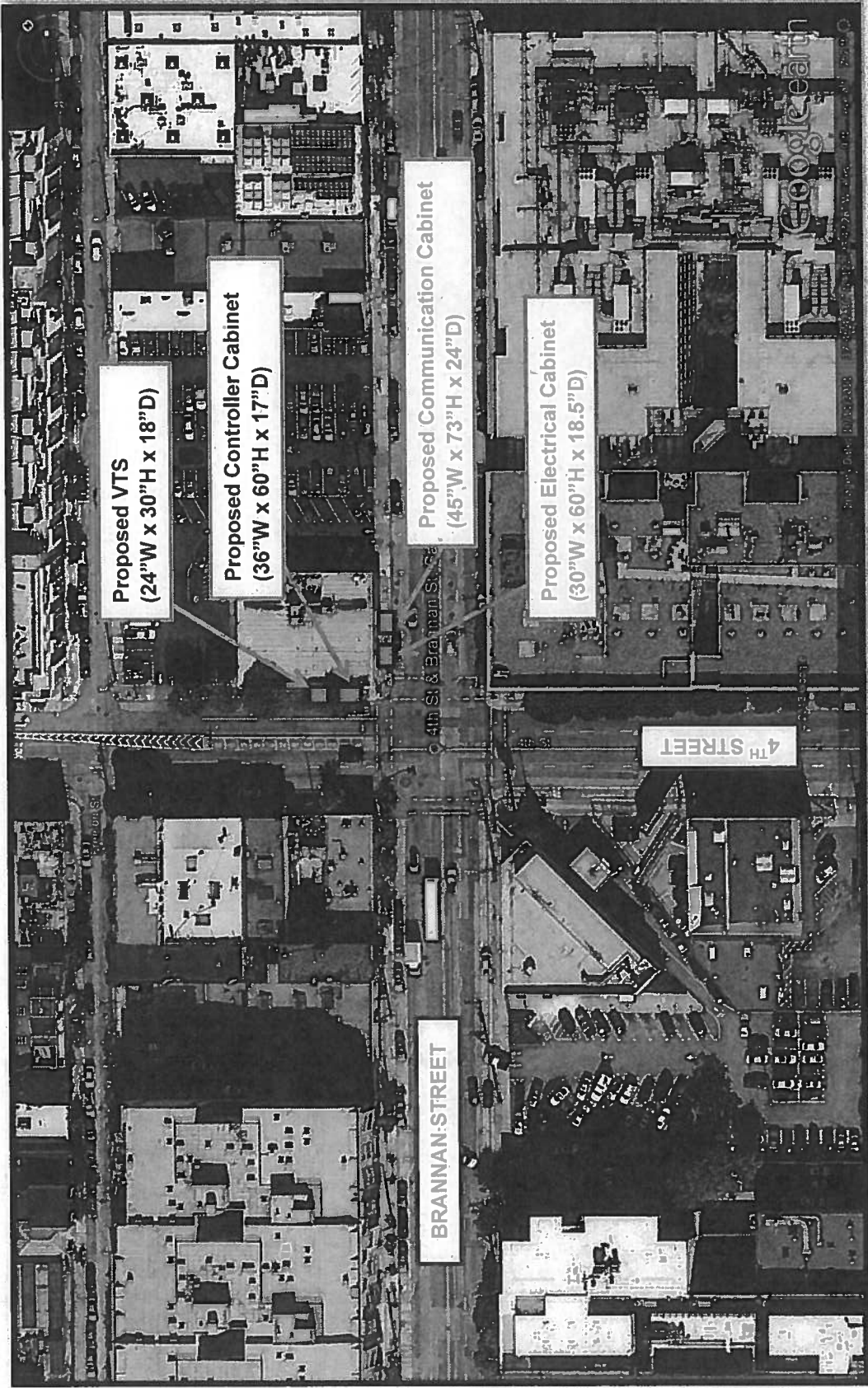
ADD → BRANNAN ST. BET. ZOE ST. TO 04TH ST. CENTRAL SUBWAY  
<http://bsm.sfdpw.org/5year/view/projects.aspx> 5/7/2013



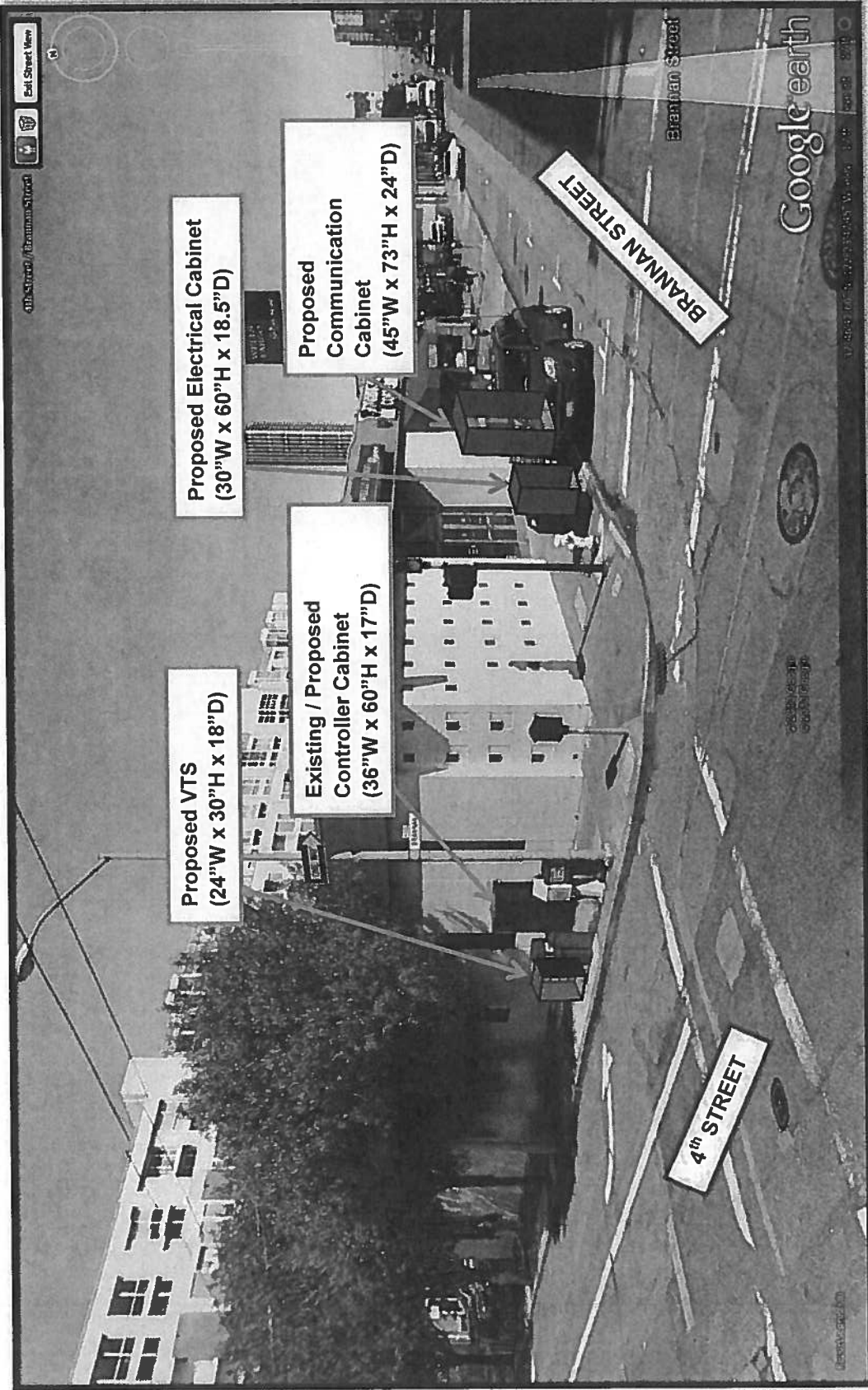
## DIMENSIONS FOR M-SF CONTROLLER CABINET



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"



4<sup>th</sup> STREET AND BRANNAN STREET – AERIAL VIEW



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

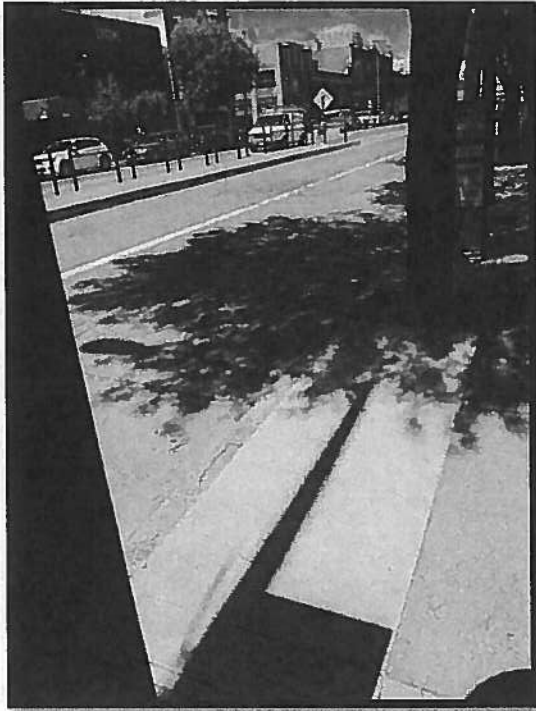


**FACING NORTH**

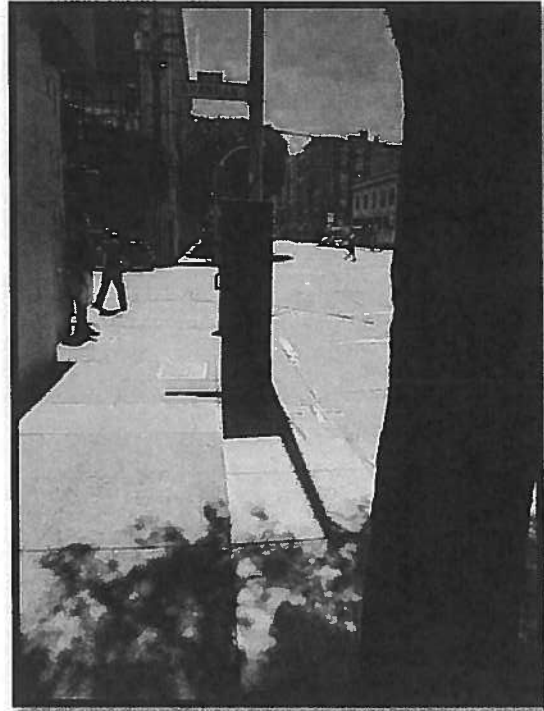


**FACING EAST**

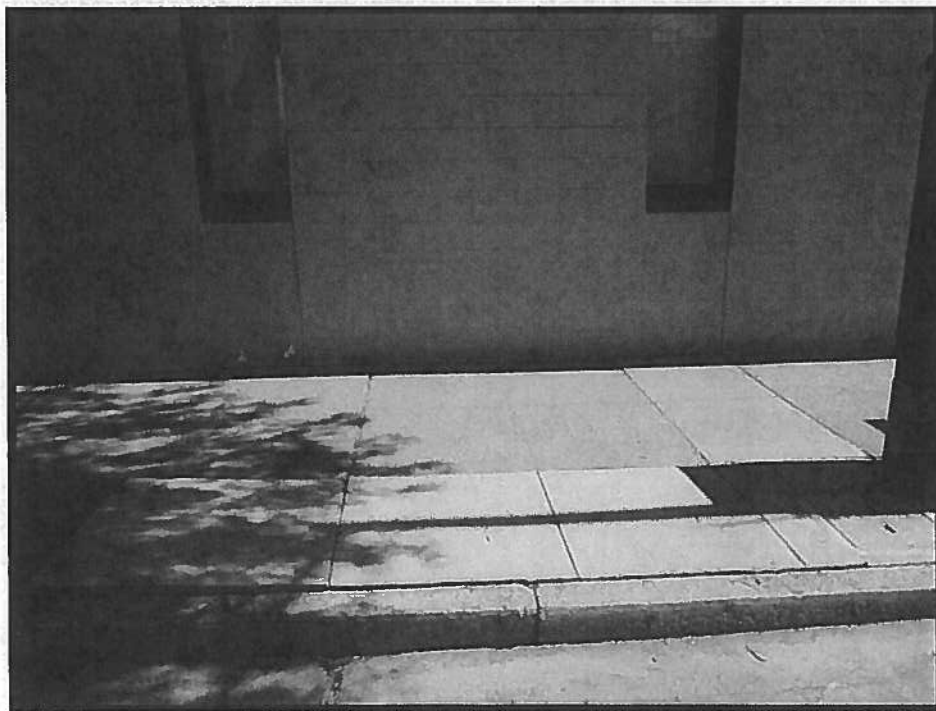
**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Communication Cabinet and Electrical Cabinet Location)**



**FACING NORTH**

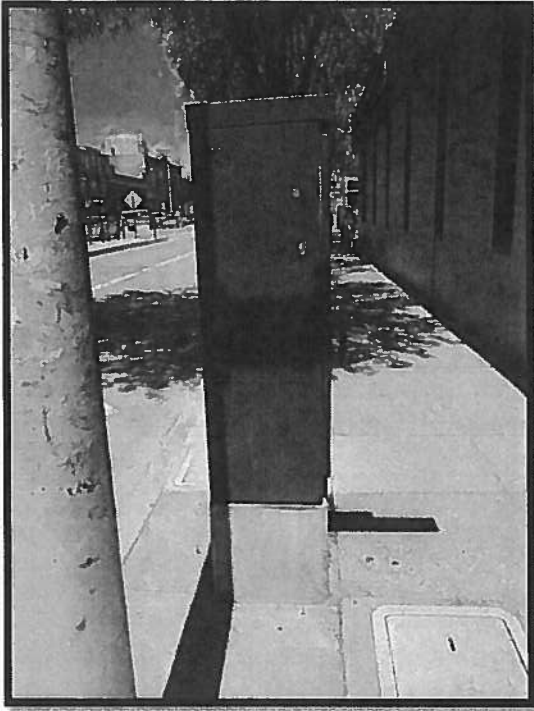


**FACING SOUTH**



**FACING EAST**

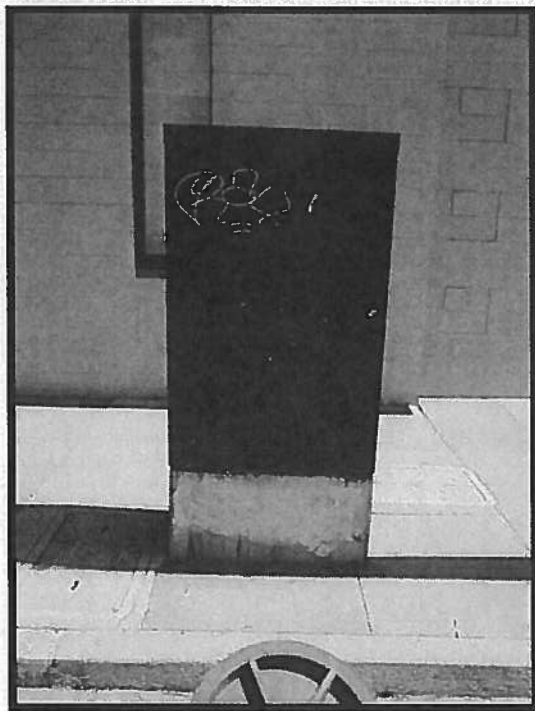
**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Proposed Vehicle Tagging System Cabinet Location)**



**LEFT SIDE**



**RIGHT SIDE**



**BACK SIDE**

**4<sup>th</sup> STREET AND BRANNAN STREET – NE CORNER  
(Existing Traffic Signal Controller Cabinet)**

San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> 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, traffic signal controller cabinet, communication cabinet, and electrical cabinet at the northeast corner of 4<sup>th</sup> Street and Brannan 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, communication, and electrical cabinets 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, communication, and electrical cabinets are also limited to the spaces. Traffic signal controller cabinets already exist on Fourth Street at Brannan 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, communication, and electrical 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](mailto:smf@sfdpw.org), by mail to the Department of Public Works, Bureau of Street-Use and Mapping, 1155 Market Street, 3<sup>rd</sup> 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,

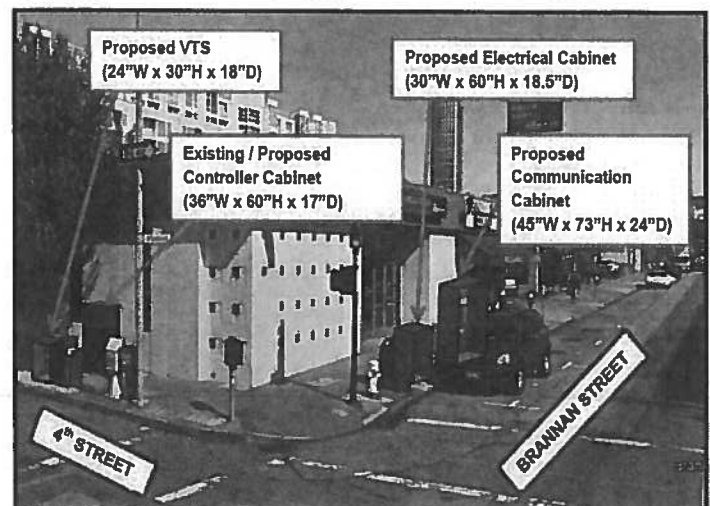
Al Herce  
San Francisco Municipal Transportation Agency  
Central Subway Project  
One South Van Ness Avenue, 7<sup>th</sup> Floor  
San Francisco, CA 94103  
(415) 701-4552

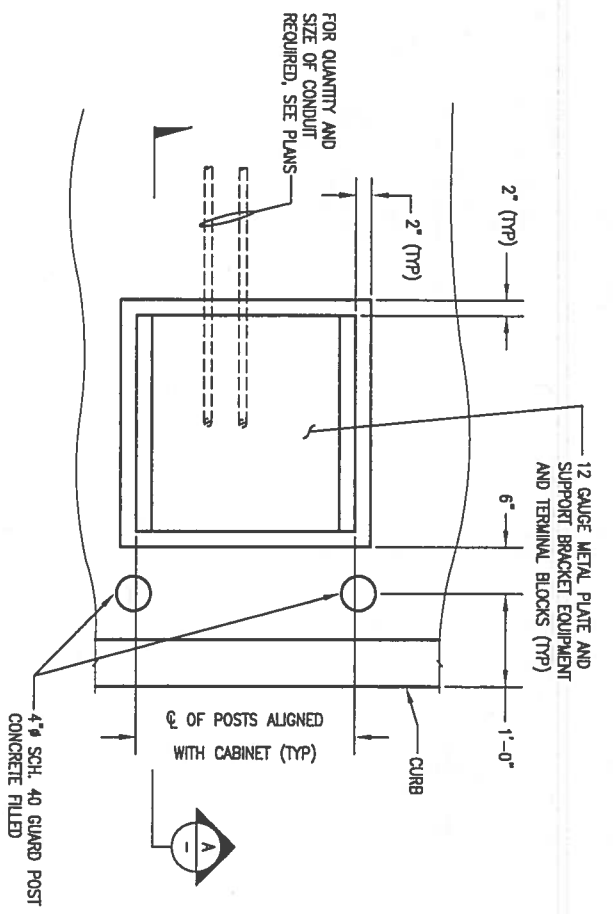
VTS Cabinet is 24"W x 30"H x 18"D;  
Total Height (Cabinet, Foundation, and Posts): 36"

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

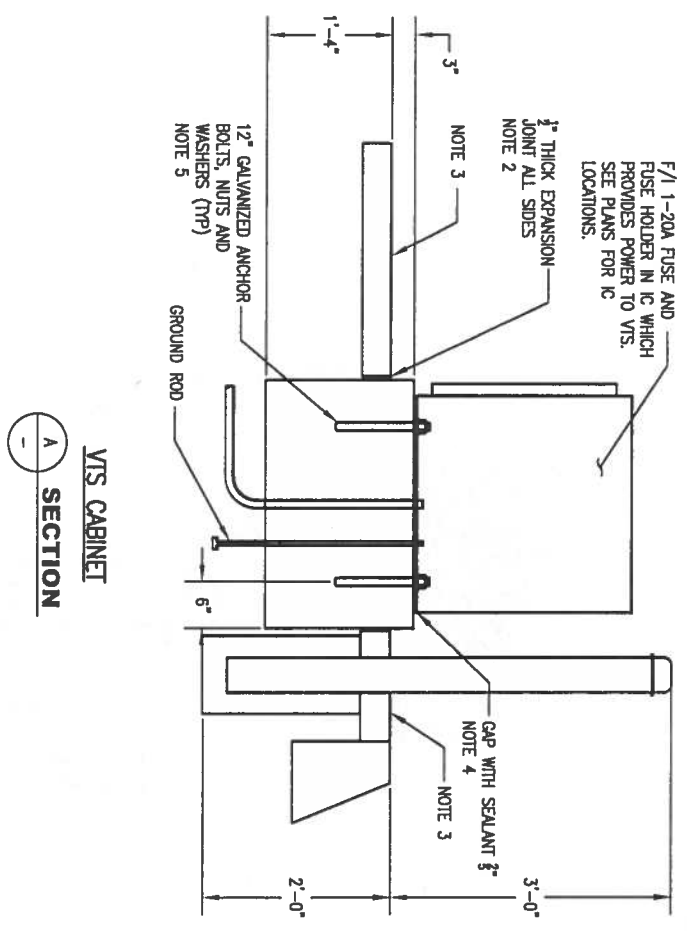
Communication Cabinet is 45"W x 73"H x 24"D;  
Total Height (Cabinet and Foundation): 79"

Electrical Cabinet is 30"W x 60"H x 18.5"D;  
Total Height (Cabinet and Foundation): 66"





PLAN



VTS CABINET  
SECTION A-A

**NOTES:**

1. CONCRETE SHALL BE CLASS 6.5-3500-3/4 TYPE II CEMENT, UH, 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 TEAMS, CURING MATERIAL, SEALANTS, GROUT AND ANY MATERIALS THAT ARE INTEGRAL TO THE FINAL CONCRETE WORK.
2. 1/2" FIBER EXPANSION JOINT SHALL BE BIPINNACULAR 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-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.

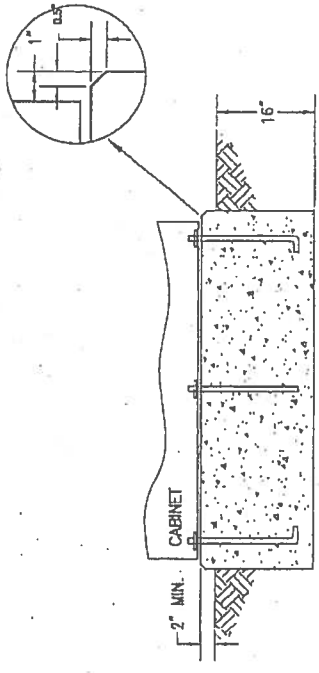
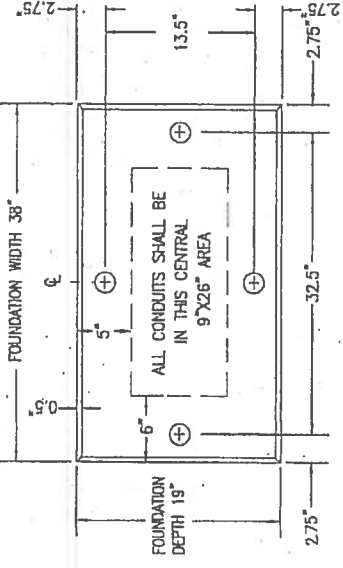
**VTS CABINET INSTALLATION DETAILS**

NIS

HNTB-B&C JOINT VENTURE 		DESIGNED BY: R. ALBERTA DRAWN BY: I. HUGHES CHECKED BY: D. COCHRAN APPROVED BY: _____ DATE: _____		CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED: _____ EXECUTIVE DIRECTOR/CEO		THIRD STREET LIGHT RAIL PROGRAM PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS SURFACE SIGNALING VTS CABINET INSTALLATION DETAILS		CONTRACT NO. 1256	DRAWING NO. SG-156	SHEET NO. 0A
DATE: 03/01/2011 ISSUED FOR B&C DESIGN SUBMITTAL	DESCRIPTION:	REVISION NO.:	REVISION:	CHECKED:	APPROVED:	DATE:	DATE:	DATE:	DATE:	



SENSITIVE SECURITY INFORMATION

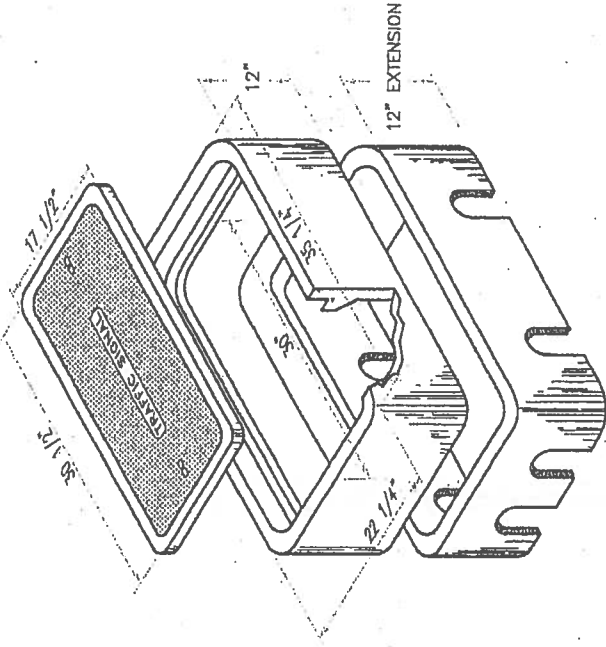


"M-SF" CABINET FOUNDATION

2 DETAIL  
ET-202 NTS

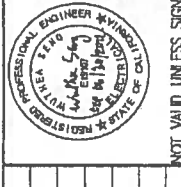
NOTES:

1. SPECIFICATIONS FOR THE "M-SF" CABINET FOUNDATION ARE PER CALTRANS "M" FOUNDATION (SEE CTSP 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 NTS

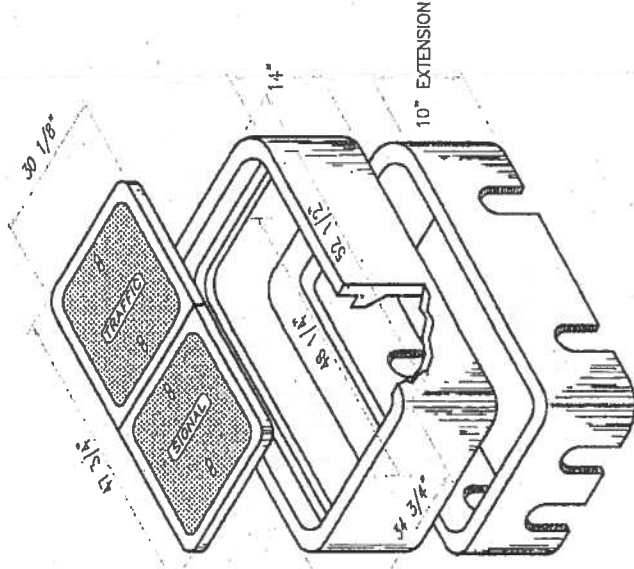


NOT VALID UNLESS SIGNED

DESIGNED BY	W. SOUK
DRAWN BY	M. SOUK
CHECKED BY	S. PANG
RECOMMENDED BY	D. VANDERKAM
APPROVED BY	A. READ
DATE	02/15/2012

SFMTA

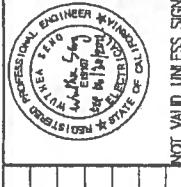
DATE	ISSUED FOR	BY	APPROVED
02/15/2012	ISSUED FOR BID	0	



TYPE 4X PULL BOX

1 DETAIL  
ET-202 NTS

MUNICIPAL TRANSPORTATION AGENCY



NOT VALID UNLESS SIGNED

DESIGNED BY	W. SOUK
DRAWN BY	M. SOUK
CHECKED BY	S. PANG
RECOMMENDED BY	D. VANDERKAM
APPROVED BY	A. READ
DATE	02/15/2012

SFMTA

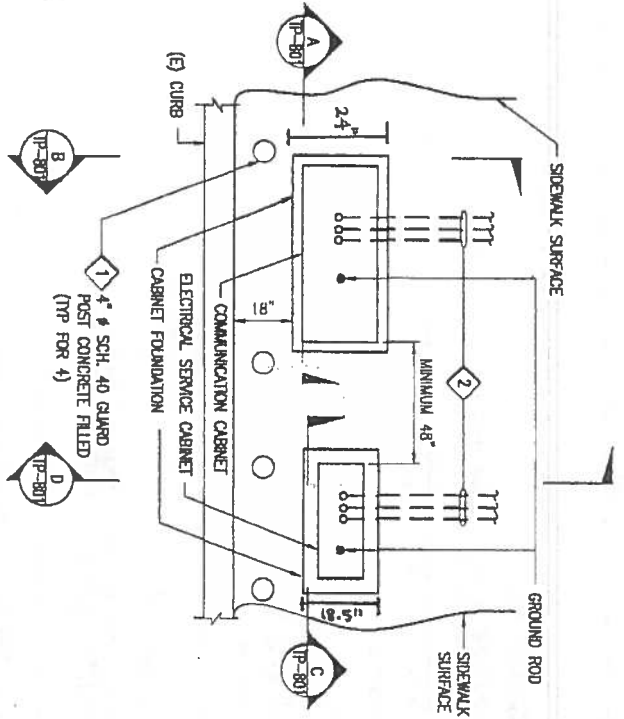
DATE	ISSUED FOR	BY	APPROVED
02/15/2012	ISSUED FOR BID	0	

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

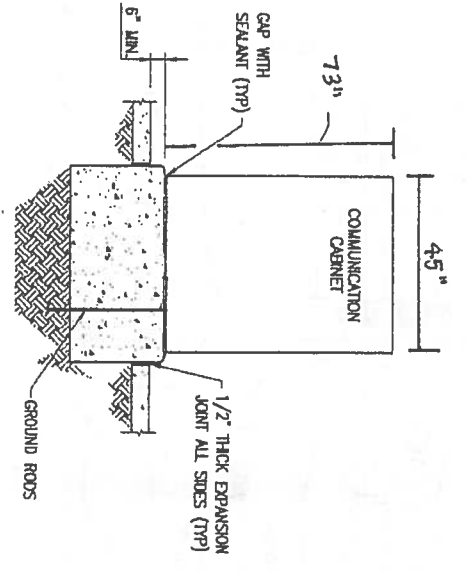
TRAFFIC SIGNALS  
DETAILS  
SHEET 2 OF 2

CONTRACT NO.	1253
STATE CONTROL NO.	CL-19233
DRAWING NO.	ET-202
SHEET NO.	983
REVISION	0

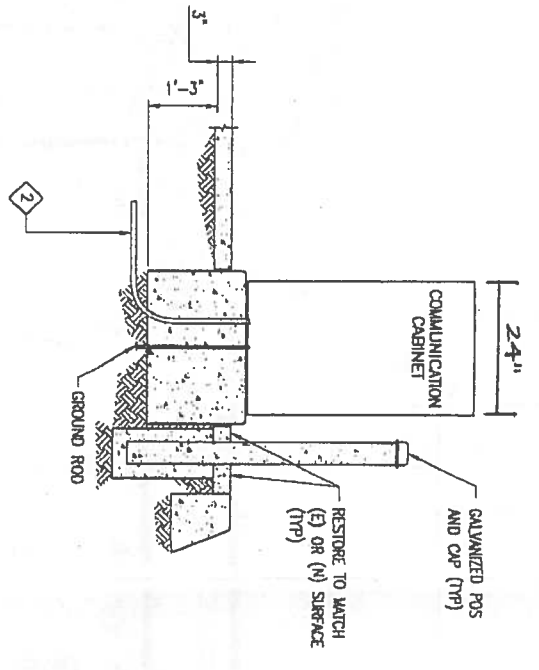
SENSITIVE SECURITY INFORMATION



COMMUNICATION AND ELECTRICAL CABINETS  
 1 DETAIL  
 TP-801 NTS

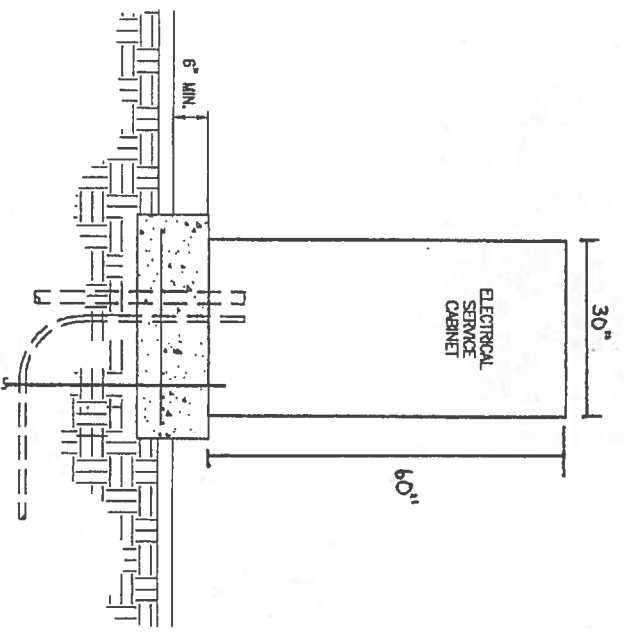


COMMUNICATION CABINET AND FOUNDATION  
 A SECTION  
 TP-801 NTS

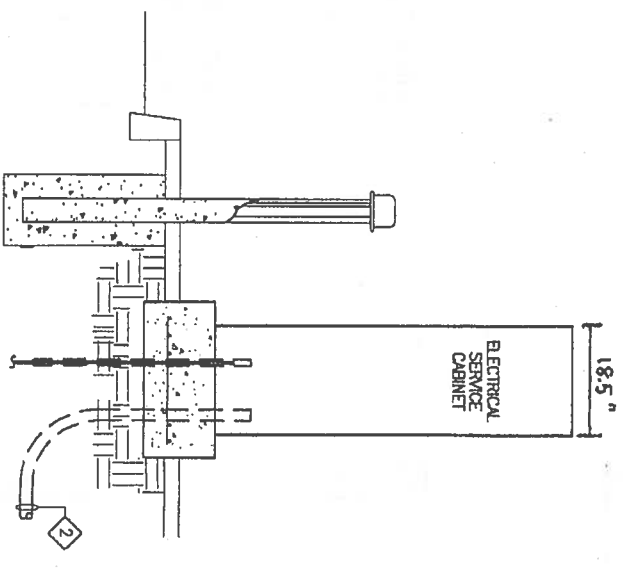


COMMUNICATION CABINET AND FOUNDATION  
 B SECTION  
 TP-801 NTS

- NOTES:
- FOR GUARD POST DETAILS, SEE DPW STANDARD PLAN LA-87210. GUARD POST SHALL BE 4.5" (OUTER DIAMETER) GRCC WITH CONCRETE FILL.
  - FOR QUANTITY AND SIZE OF CONDUITS REQUIRED, SEE EP-031.
  - PRIOR TO CONSTRUCTION OF CONCRETE PAD, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING PAD SIZE, CABINET DIMENSIONS & PLACEMENT, REINFORCEMENTS, AND ANCHORAGE DETAILS FOR ENGINEER'S APPROVAL.



ELECTRICAL CABINET AND FOUNDATION  
 C SECTION  
 TP-801 NTS

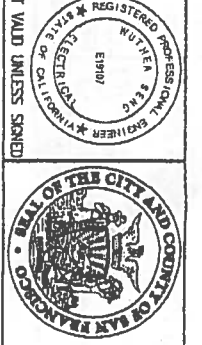


ELECTRICAL CABINET AND FOUNDATION  
 D SECTION  
 TP-801 NTS

DATE	DESCRIPTION	BY	CHKD	APPROVED
06/25/2012	ISSUED FOR BO			

SFMTA

DESIGNED	V. SONG
CHECKED	S. FONG
APPROVED	C. LINDENSON
DATE	06/25/2012

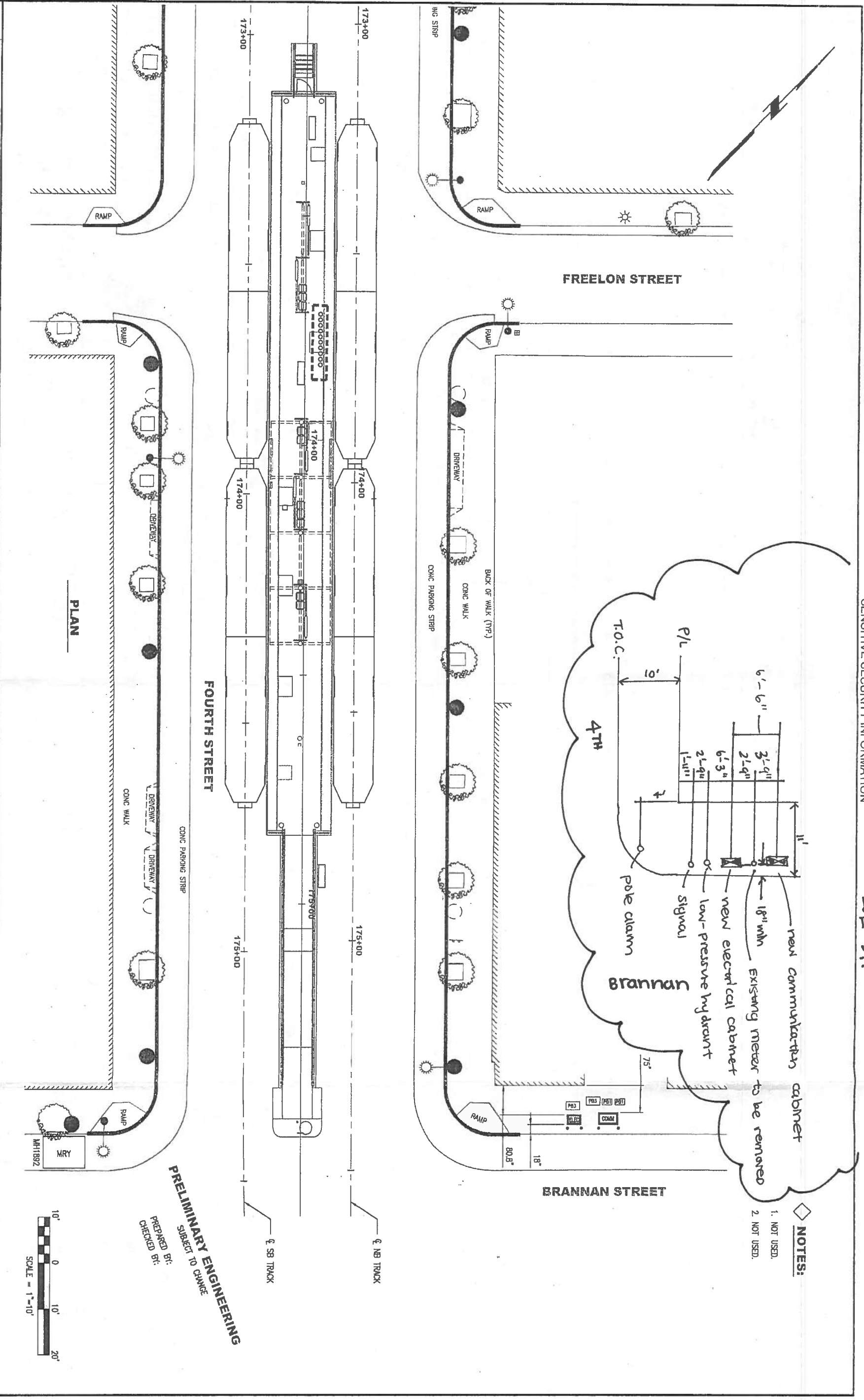


CITY AND COUNTY OF SAN FRANCISCO  
 MUNICIPAL TRANSPORTATION AGENCY  
 APPROVED  
 DIRECTION OF TRANSPORTATION

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

CONTRACT NO.	1256
STATIONING	CL-22772
DRAWING NO.	EP-801
SHEET NO.	0



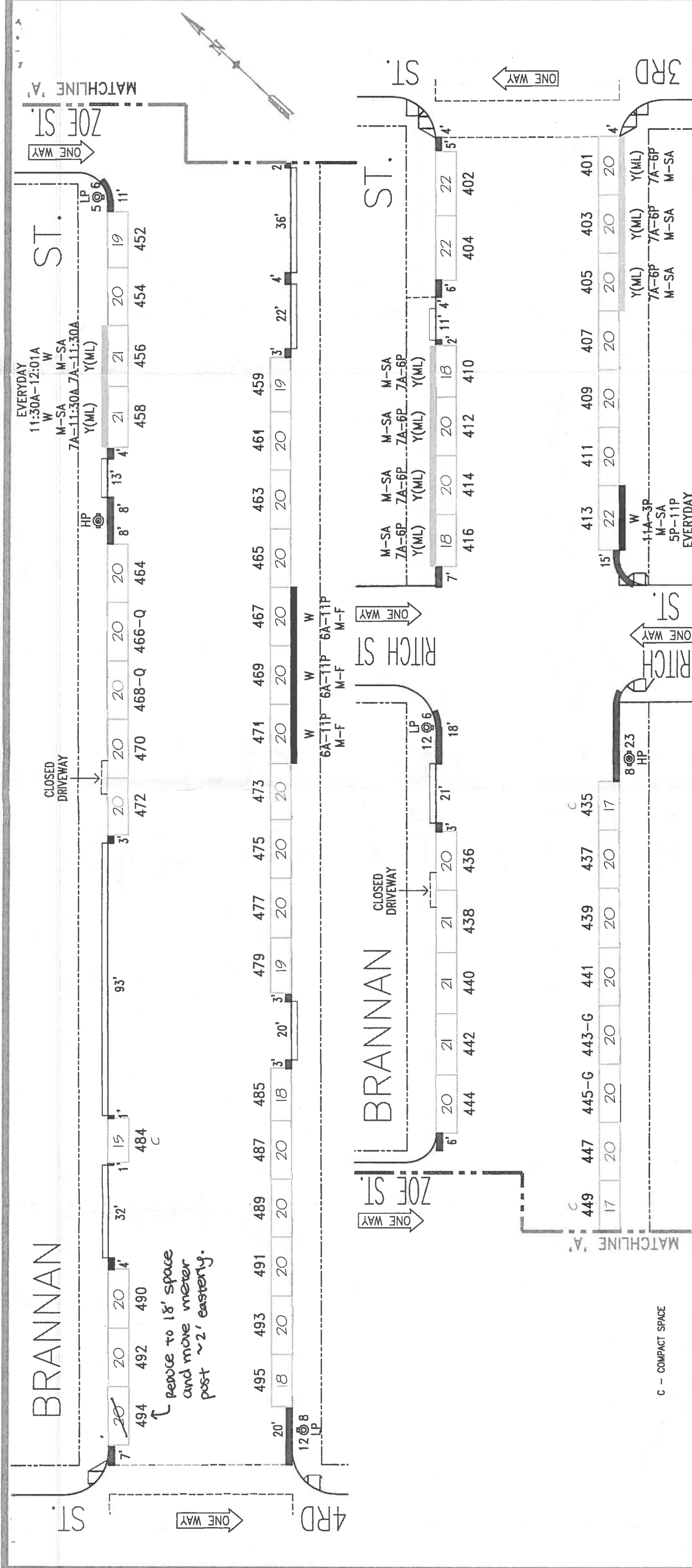



- NOTES:**
- 1. NOT USED.
  - 2. NOT USED.



**PRELIMINARY ENGINEERING**  
 SUBJECT TO CHANGE  
 PREPARED BY:  
 CHECKED BY:

<p><b>SFMTA</b></p>		<p><b>CITY AND COUNTY OF SAN FRANCISCO</b>  <b>MUNICIPAL TRANSPORTATION AGENCY</b></p>		<p><b>THIRD STREET LIGHT RAIL PROGRAM</b>  <b>PHASE 2 - CENTRAL SUBWAY</b>  <b>SURFACE, TRACK AND SYSTEMS</b></p>		<p><b>ELECTRICAL POWER</b>  <b>ELECTRICAL PANEL &amp; COMMUNICATION CABINET</b>  <b>(N) LOCATION</b></p>	
<p>DATE: 11/04/2011</p>	<p>DESCRIPTION:</p>	<p>DESIGNED BY: W. SENG</p>	<p>CHECKED BY: W. SENG</p>	<p>APPROVED BY: W. SENG</p>	<p>DATE: 11/04/2011</p>	<p>CONTRACT NO. 1256</p>	<p>SHEET NO. 1256</p>
<p>WARNING: THIS DRAWING CONTAINS SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER THE PROVISIONS OF THE CALIFORNIA SECURITY INFORMATION ACT. NO PART OF THIS DRAWING 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 THE WRITTEN PERMISSION OF THE TRANSPORTATION SECURITY ADMINISTRATION OR THE DEPARTMENT OF TRANSPORTATION. LIMITATIONS OF THIS DRAWING MAY BE FOUND IN THE DRAWING NOTES.</p>							

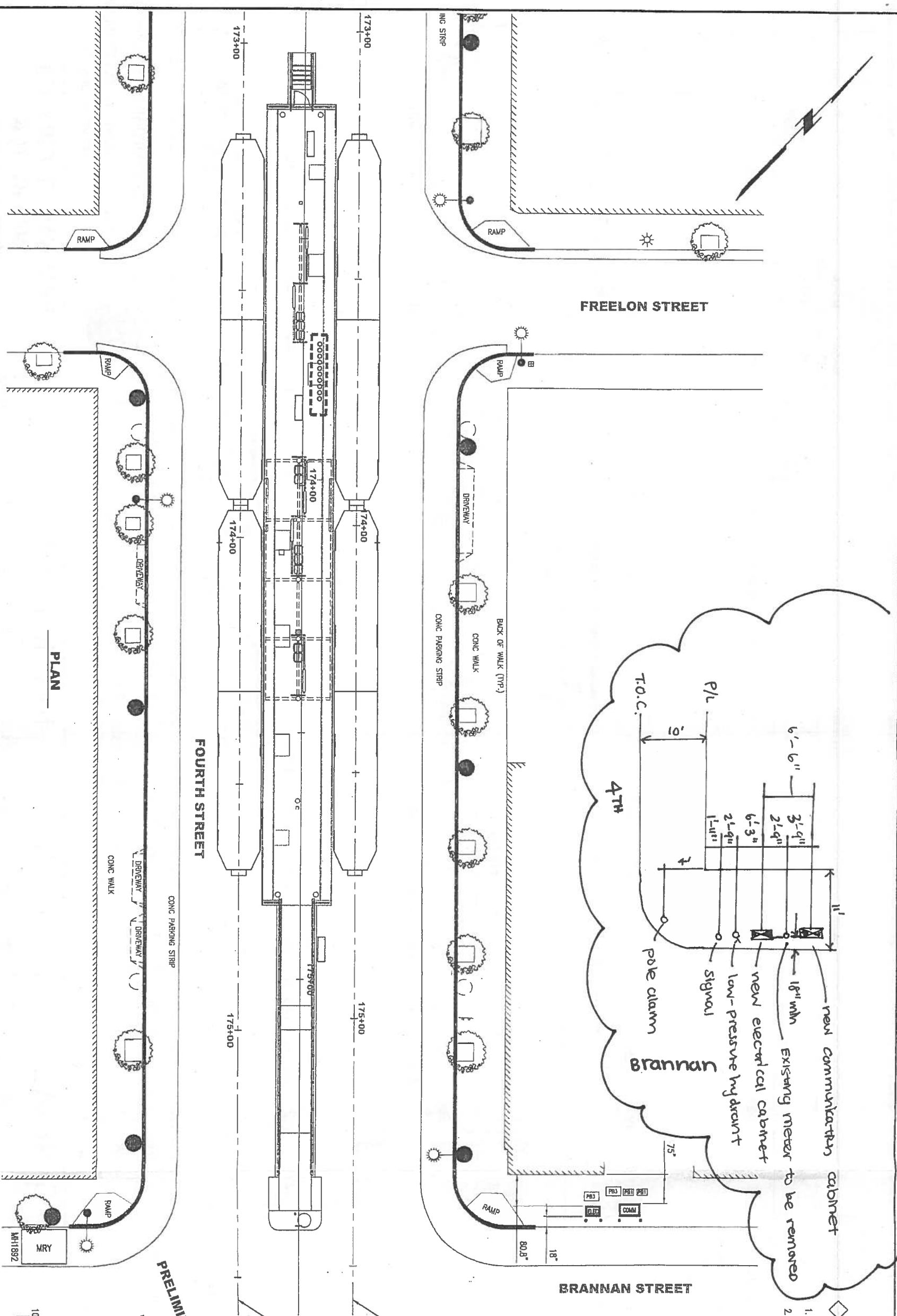


NO.		REVISION DESCRIPTION	BY	DATE	DIR/RES	3	4	3898	6/20/11	3898	SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY CITY AND COUNTY OF SAN FRANCISCO PARKING METER SPACES	
1	ALL Y(ML) 1-Hour time limit	BW	1/3/07	Rescind 59' BS, Install #402,404				11-076	8/4/11			
2	PT-PLZ meters #471 & 473	JB	12/15/08									

TOW-AWAY		METER CT.		GENERAL		LOADING		METERED SPACES				AREA 1					
SIDE	AM	PM	SS	MS	GMP	MC	TIMES	DAYS	ML	MTL	6-W	15 MIN	30 MIN	1 HR	2 HR	10 HR	TOTAL
ODD			32		29		9A-6P	M-SA	3			2	3	27			32
EVEN			24		18		9A-6P	M-SA	6			2	6	16			24

BRANNAN ST. (BRA, 330)  
(400) BLOCK  
Meters # 330-04XXY  
3RD ST. TO 4TH ST.

SCALE: 1"=40' DATE: 6/20/11 BY: JB



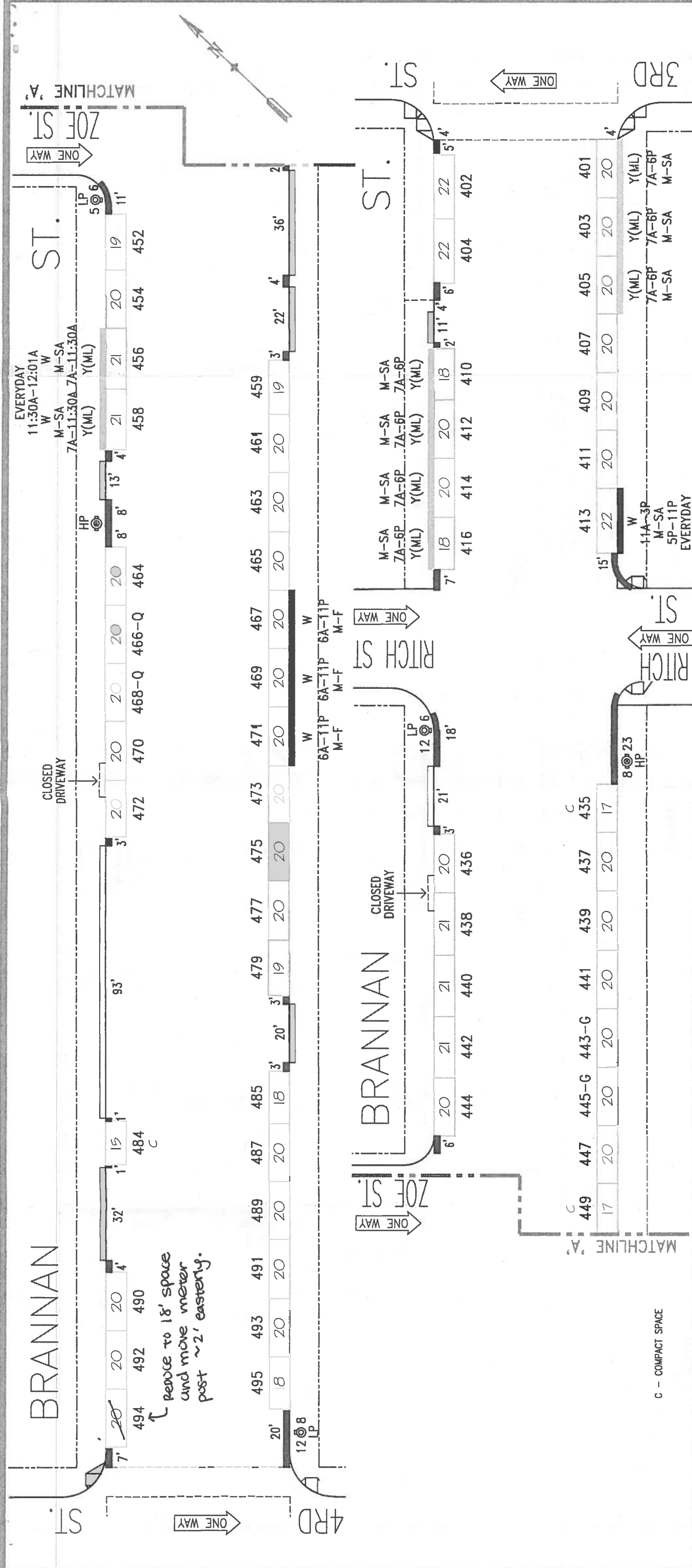
- NOTES:**
1. NOT USED.
  2. NOT USED.



PRELIMINARY ENGINEERING  
 SUBJECT TO CHANGE  
 PREPARED BY:  
 CHECKED BY:

DATE	DESCRIPTION	BY	CHECKED	APPROVED
11/07/2011				
<b>SFMTA</b>				
CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY				
APPROVED				
DIRECTOR OF TRANSPORTATION				
ELECTRICAL POWER PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS ELECTRICAL PANEL & COMMUNICATION CABINET (N) LOCATION				
CONTRACT NO.	1256			
STATE CONTROL NO.				
DRAWING NO.				
SHEET NO.				
REVISION				

DESIGNER: WSENG  
 CHECKED: WSENG  
 APPROVED: WSENG  
 DATE: 11/07/2011  
 DESCRIPTION: ELECTRICAL POWER PHASE 2 - CENTRAL SUBWAY SURFACE, TRACK AND SYSTEMS ELECTRICAL PANEL & COMMUNICATION CABINET (N) LOCATION  
 CONTRACT NO.: 1256  
 STATE CONTROL NO.:  
 DRAWING NO.:  
 SHEET NO.:  
 REVISION:



NO.		REVISION DESCRIPTION	BY	DATE	DIR/RES	3	4	Revoked PLZ#471-73, Est. PLZ#467-71	JB	6/20/11	3898
1		ALL Y(ML) 1-Hour time limit	BW	1/3/07			4	Rescind 59' BS, Install #402,404	JB	8/4/11	11-076
2		PT-PLZ meters#471 & 473	JB	12/15/08							

TOW-AWAY METER CT.		LOADING					METERED SPACES					TOTAL			
SIDE	AM	PM	SS	MS	GMP	ML	MTL	6-W	15 MIN	30 MIN	1 HR	2 HR	10 HR	10 HR	
ODD			32		29	3			2	3	27				32
EVEN			24		18	6			2	6	16				24



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

**BRANNAN ST. (BRA, 330)**  
**(400) BLOCK**  
Meters # 330-04XXY

3RD ST. TO 4TH ST.  
SCALE: 1"=40'  
DATE: 6/20/11  
BY: JB

AREA  
**1**



(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-0018**

**Surface Mounted Facility Permit**

Address : BRANNAN ST: ZOE ST  
to 04TH ST (440 - 499)

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 electrical cabinet is approved, as submitted, with no additional requirements. You may apply for an excavation permit. [Location: Brannan St. between 04th St. to Zoe 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 3:39:31 PM

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-0018

\*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	BRANNAN ST	ZOE ST	04TH ST	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
<b>Total</b>						<b>0</b>	<b>0</b>		

# Exceptions

14SMF-0018

Street Name	From St	To St	Message	Job	Contact	Dates
BRANNAN ST						
	ZOE ST	04TH ST -	Conflict with existing Street Use Permit.	12B-0115	Refer to Agent - Refer to Agent	Jan 23 2013-Jan 23 2014
	ZOE ST	04TH ST -	Conflict with existing Street Use Permit.	13B-0121	(415) 431-2950 - (415) 431-2950	Jan 23 2014-Jan 23 2015
	ZOE ST	04TH ST -	Conflict with existing Street Use Permit.	13B-0141	(415) 431-2950 - (415) 431-2950	Jan 1 2014-Oct 31 2014
	ZOE ST	04TH 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
	ZOE ST	04TH ST -	Conflict with existing Street Use Permit.	14SMF-0017	Refer to Agent - Refer to Agent	
	ZOE ST	04TH 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		
	ZOE ST	04TH 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		
	ZOE ST	04TH ST -	Truck Route: Call Cindy Shamban of DPT at 554-2341 for Restriction Information.	N/A		
	ZOE ST	04TH ST -	Proposed Paving.	PAVING	Richard Lee -	Dec 16 2016-Apr 17 2017
	ZOE ST	04TH 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	Stone or Concrete Monument		

# No Diagram submitted



## MEMORANDUM

**TO:** Gene Chan  
Bureau of Street Use and Mapping  
1155 Market Street, Third Floor

**FROM:** Norman Wong  
Associate Engineer

**DATE:** March 26, 2014

**SUBJECT:** Surface-Mounted Facility Submittal Package for Signal Controller Cabinet Installation at **Post Street** between **Franklin Street** and **Gough Street** (near the intersection of Franklin Street and Post Street)

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (signal controller cabinet) at **Post Street** between **Gough Street** and **Franklin Street** (near the intersection of Franklin Street and Post Street). Due to construction of the new CPMC Hospital, this surface-mounted facility is a relocation of the existing signal controller cabinet from the south-east corner of the Franklin Street and Post Street intersection. CPMC is required to obtain all relevant permits from the appropriate city departments.

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 415-701-4600.

### 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 Controller Location  
Photographs of Proposed Controller Location  
Copy of Proposed Public Notice

**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: SFMTA Transportation Engineering ADDRESS: 1 South Van Ness Ave., 7<sup>th</sup> Floor, SF, CA 94103-5417

Contact Name: Norman Wong TEL. NO.: (415) 701-4600 FAX: (415).701.4217

Date: March 26, 2014 Proposed Location: Post Street between Franklin Street and Gough Street

- 1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- 2. Verification that cabinet size is consistent with the plans on file.
- 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
- 4. Verification of attempts to place Surface-Mounted Facility underground.
- 5. Verification of attempts to collocate the Surface-Mounted Facility.
- 6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- 7. Verification that proposed locations conforms to the placement guidelines.
- 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: \_\_\_\_\_, 2014 with: Norman Wong Tel. No.: (415) 701-4600

- 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 Gene Chan \_\_\_\_\_ Tel. No.: (415) 554-5806

## 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 signal controllers, 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 controller 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, 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 signal controllers, 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 controller 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, 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 signal controllers, 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 controller is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian

SMF Submittal Package  
For Post Street between Franklin Street and Gough Street  
(near the intersection of Franklin Street and Post Street)  
March 26, 2014

traffic as possible. For such reasons, 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**

The old controller cabinet and foundation will be removed after activation of the new controller.



# 5 Year Plan: Franklin Street and Post Street

The screenshot shows a web browser window displaying the City of San Francisco's 'envista-citizensview' application. The browser's address bar shows the URL 'envista-citizensview.appspot.com/sanfran.jsp'. The application interface includes a search bar, a list of construction project categories (Roadway, Sewer, Water, Transit, Streetscape, Gas, Electric, TeleComm), and an events filter. A map of San Francisco is displayed, with a popup window providing details for a specific project.

**Search Location:**  
Post Street, San Francisco, CA, United States  
Example: address, intersection, place etc.

**Construction Projects**

- Roadway
- Sewer
- Water
- Transit
- Streetscape
- Gas
- Electric
- TeleComm

**Events**

- Events

**Search Projects/Events:**  
Example: project name, event name, street name, zip code etc.  
Note: Click on icon to see project/event details. Zoom out on the map if you cannot see the event or project.

Note: The information shown here is for projects/events happening in the next six months.  
Click [here](#) to leave a comment to help us improve our new interactive map.

**2049J - Pavement Renovation - Divisadero St and Franklin St**

**Owner:** SF DPW IDC - Streets & Highways  
**Contact:** [Au Rui](#)  
**Location:** Franklin St & Lily St, San Francisco, California, 94102 to Gough St & Lily St via Franklin St & Francisco St, San Francisco, California, 94123 and Divisadero St & Clay St.  
**Dates:** 10/14/2013 - 12/12/2014  
**Status:** Started

The map shows the project area in San Francisco, centered around the intersection of Franklin Street and Post Street. The project is highlighted in blue on the map. The popup window provides detailed information about the project, including the owner, contact person, location, dates, and status.

3:19 PM  
12/30/2013

# 5 Year Plan: Franklin Street and Post Street

The screenshot shows a web browser window displaying the City of San Francisco's Envista Application. The browser's address bar shows the URL `envista-citizensview.appspot.com/sanfran.jsp`. The page features a search bar with the text "Post Street, San Francisco, CA, United States" and a "Clear" button. Below the search bar, there are sections for "Construction Projects" and "Events", each with a list of categories and checkboxes. The "Construction Projects" section includes categories like Roadway, Sewer, Water, Transit, Streetscape, Gas, Electric, and TeleComm. The "Events" section includes "Events". A "Search Projects/Events:" section has a text input field and "Go" and "Clear" buttons. A note at the bottom of the search section states: "Note: The information shown here is for projects/events happening in the next six months. Click [here](#) to leave a comment to help us improve our new interactive map." The main content area is a map of San Francisco, showing a highlighted project area in blue. A popup window titled "1900J - 1900J Van Ness Corridor - Franklin Street" is open over the map, displaying the following information: Owner: SF DPW IDC - Mechanical/Electrical; Contact: Steven Lee; Location: San Francisco, California, 94109; Dates: 05/20/2013 - 06/03/2014; Status: Started. The map shows various streets, including Van Ness Avenue, Franklin Street, and Post Street, along with various landmarks and businesses.

**Search Location:**  
Post Street, San Francisco, CA, United States   
Example: address, intersection, place etc.

**Construction Projects**

- Roadway
- Sewer
- Water
- Transit
- Streetscape
- Gas
- Electric
- TeleComm

**Events**

- Events

**Search Projects/Events:**  
    
Example: project name, event name, street name, zip code etc.

Note: Click on icon to see project/event details. Zoom out on the map if you cannot see the event or project.

Note: The information shown here is for projects/events happening in the next six months.  
Click [here](#) to leave a comment to help us improve our new interactive map.

**1900J - 1900J Van Ness Corridor - Franklin Street**

Owner: SF DPW IDC - Mechanical/Electrical  
Contact: Steven Lee  
Location: San Francisco, California, 94109  
Dates: 05/20/2013 - 06/03/2014  
Status: Started

3:20 PM  
12/30/2013

# 5 Year Plan: Franklin Street and Post Street

The screenshot shows a web browser window displaying a city planning application. The browser's address bar shows the URL `envista-citizensview.appspot.com/sanfran.jsp`. The application interface includes a search bar with the text "Post Street, San Francisco, CA, United States" and a "Clear" button. Below the search bar, there are sections for "Construction Projects" and "Events", each with a list of categories and checkboxes. The "Construction Projects" section includes Roadway, Sewer, Water, Transit, Streetscape, Gas, Electric, and TeleComm. The "Events" section includes Events. A "Search Projects/Events:" section is also present with a search input, "Go", and "Clear" buttons. A note at the bottom of the search section states: "Note: The information shown here is for projects/events happening in the next six months. Click [here](#) to leave a comment to help us improve our new interactive map." The main part of the screen is a Google Map of San Francisco. A popup window is open over the map, titled "SFGO Franklin and 2nd st Fiber". The popup contains the following information: Owner: SF MTA SS - Transportation Engineering (Capital); Contact: Cathal Hennessy; Location: San Francisco, California, 94109; Dates: 02/01/2013 - 12/01/2013; Status: Started; Details: Installation of interconnect conduits and pullboxes. The map shows the intersection of Franklin Street and Post Street, with various buildings and streets visible. The Windows taskbar at the bottom shows the system clock as 3:21 PM on 12/30/2013.

**Search Location:**  
Post Street, San Francisco, CA, United States   
Example: address, intersection, place etc.

**Construction Projects**

- Roadway
- Sewer
- Water
- Transit
- Streetscape
- Gas
- Electric
- TeleComm

**Events**

- Events

**Search Projects/Events:**  
    
Example: project name, event name, street name, zip code etc.

Note: Click on icon to see project/event details. Zoom out on the map if you cannot see the event or project.

Note: The information shown here is for projects/events happening in the next six months.  
Click [here](#) to leave a comment to help us improve our new interactive map.

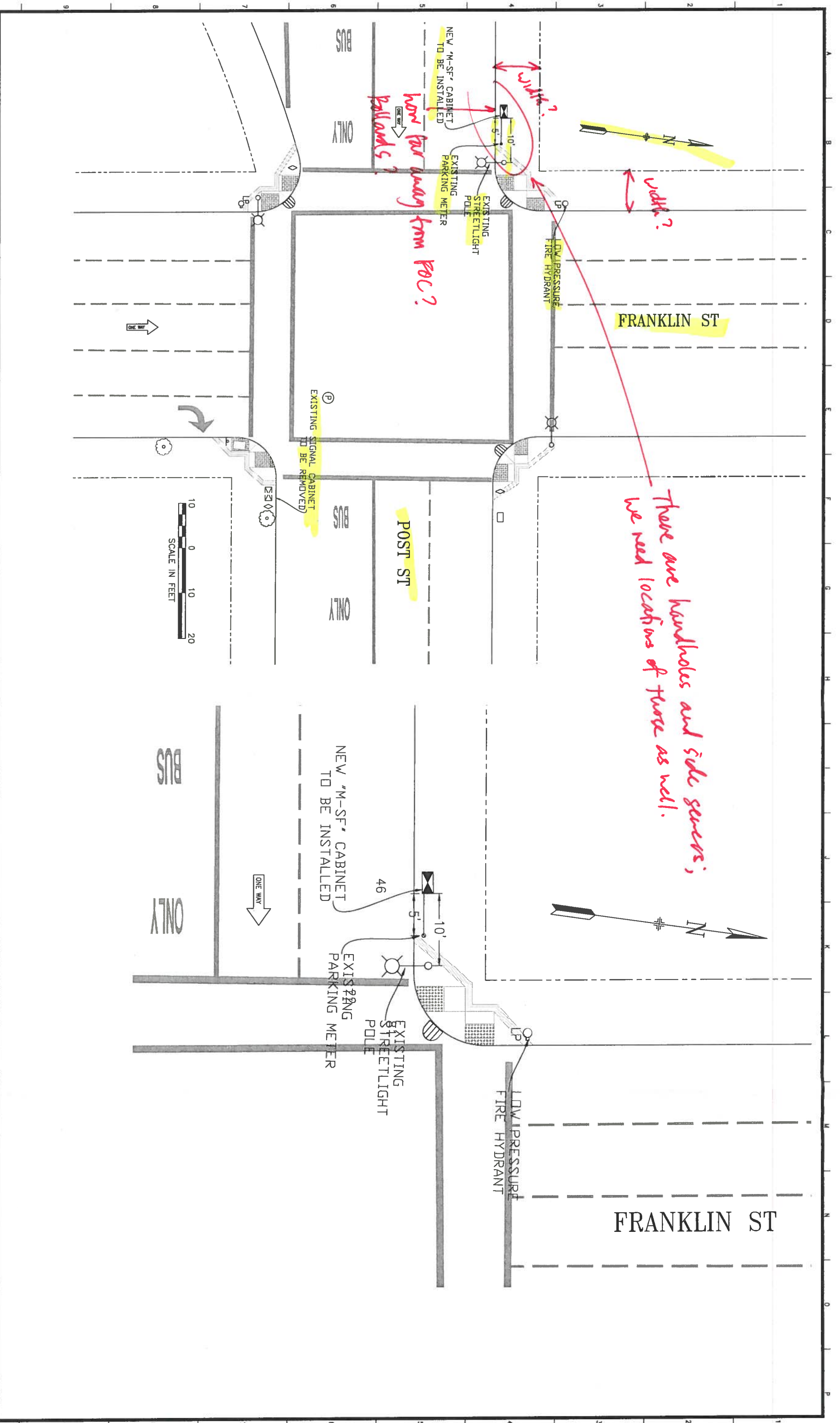
**SFGO Franklin and 2nd st Fiber**

**Owner:** SF MTA SS - Transportation Engineering (Capital)  
**Contact:** [Cathal Hennessy](#)  
**Location:** San Francisco, California, 94109  
**Dates:** 02/01/2013 - 12/01/2013  
**Status:** Started  
**Details:** Installation of interconnect conduits and pullboxes.

## **DIMENSIONS FOR M-SF CONTROLLER CABINET AND FOUNDATION**



M-SF CONTROLLER CABINET: 36" W x 17" D x 60" H  
CONCRETE FOUNDATION: 38" W x 19" D x 6" H (portion above ground)  
TOTAL HEIGHT (including cabinet and concrete foundation): 66" H



NO.	DATE	DESCRIPTION	BY	APP.

REFERENCE INFORMATION & FILE NO. OF SURVEYS



**SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY**  
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: GD	DATE: 11/2013
DRAWN: GD	DATE: 11/2013
CHECKED: MV	DATE: 11/2013

APPROVED:	DATE:
SECTION ENGINEER:	DATE:
CITY TRAFFIC ENGINEER:	DATE:

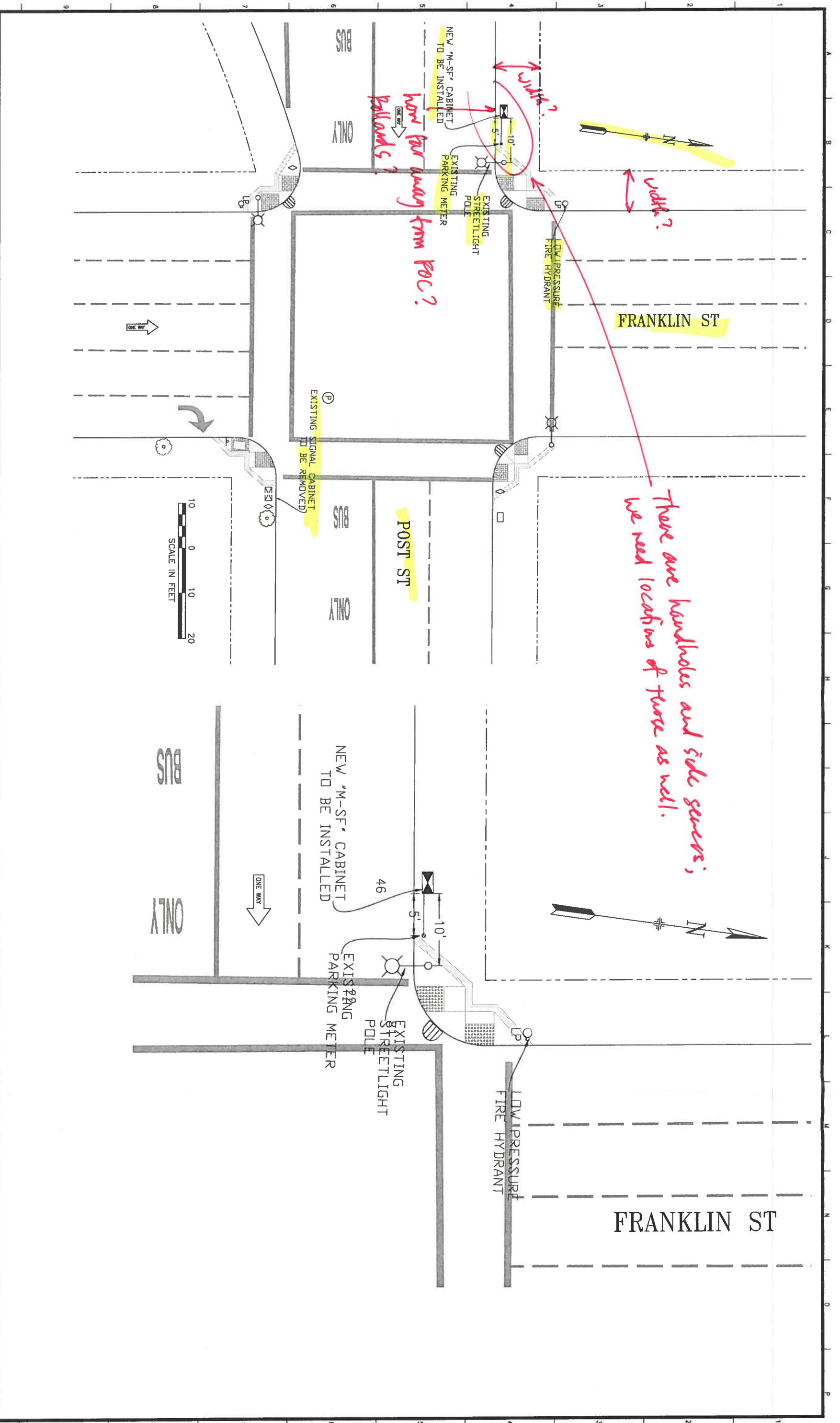
SCALE: AS SHOWN  
SHEET OF SHEETS: 1 OF 1

**FRANKLIN STREET AND POST STREET  
CONTROLLER CABINET RELOCATION WORK**

SPECIFICATION NO.:	XXXXX
DRAWING NO.:	DWGN0
FILE NO.:	XXXXX
REV. NO.:	XX

PICTURES OF PROPOSED SMF INSTALLATION NEAR THE INTERSECTION OF POST STREET AND FRANKLIN STREET





NO.	DATE	DESCRIPTION	BY	APP.
CHECK WITH TRACKING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION & FILE NO. OF SURVEYS



**SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY**  
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: GD	DATE: 11/2013
DRAWN: GD	DATE: 11/2013
CHECKED: MV	DATE: 11/2013

APPROVED:	DATE:
SECTION ENGINEER:	DATE:
CITY TRAFFIC ENGINEER:	DATE:

SCALE: AS SHOWN  
SHEET OF SHEETS: 1 OF 1

**FRANKLIN STREET AND POST STREET  
CONTROLLER CABINET RELOCATION WORK**

SPECIFICATION NO. XXXXX  
DRAWING NO. DWGNO  
FILE NO. XXXXX  
REV. NO. XX



(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-0020**

**Surface Mounted Facility Permit**

Address : POST ST: FRANKLIN ST  
\ PETER YORKE WAY to GOUGH  
ST (1300 - 1399)

Cost: \$150.00

Block: Lot: Zip:

**Permittee**

**Name:** San Francisco Municipal Transportation Agency  
**Address:** One South Van Ness Avenue, 07th Floor San Francisco, CA 94103  
**Contact:** Norman Wong **Phone:** 415-701-4600

<b>Permit FrontPage Conditions</b>	Note: Your application is approved, as submitted, with no additional requirements. You may apply for an excavation permit. (Location: northwest corner of Franklin/Gough Street)
------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

Approved Date : 04/18/2014

\_\_\_\_\_  
Applicant/Permittee                      Date

Printed : 6/10/2014 4:11:25 PM      Plan Checker                      Gene Chan



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*Customer Service*

*Teamwork*

*Continuous Improvement*

# Permit Addresses

14SMF-0020

\*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

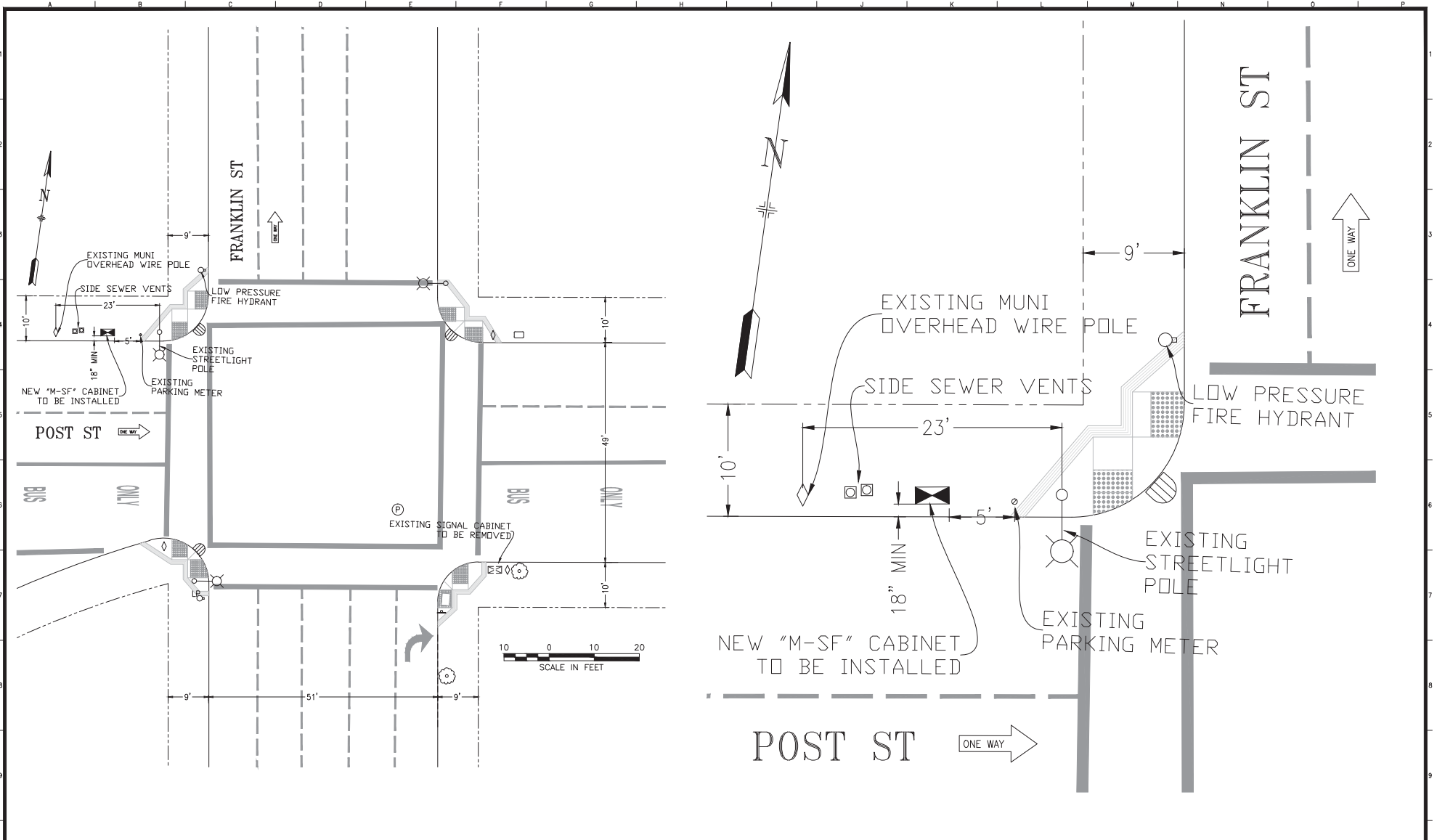
ID	Street Name	From St	To St	Sides	*Other	Asphalt	Concrete	Street Space Feet	Sidewalk Feet
1	POST ST	FRANKLIN ST \ PETER YORKE WAY	GOUGH ST	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
<b>Total</b>						<b>0</b>	<b>0</b>		

# Exceptions

14SMF-0020

Street Name	From St	To St	Message	Job	Contact	Dates
POST ST						
	FRANKLIN ST \ PETER YORKE WAY	GOUGH ST -	Conflict with existing Street Use Permit.	14B-0001	(415) 431-2950 - (415) 431-2950	Jan 15 2014-May 12 2014
	FRANKLIN ST \ PETER YORKE WAY	GOUGH ST -	Banners are allowed on this street	N/A		
	FRANKLIN ST \ PETER YORKE WAY	GOUGH 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		
	FRANKLIN ST \ PETER YORKE WAY	GOUGH 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		
	FRANKLIN ST \ PETER YORKE WAY	GOUGH 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		
	FRANKLIN ST \ PETER YORKE WAY	GOUGH 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	Stone or Concrete Monument		

# No Diagram submitted



NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY  
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: DATE:	APPROVED
GD 11/2013	
DRAWN: DATE:	SECTION ENGINEER DATE:
GD 11/2013	
CHECKED: DATE:	
MV 11/2013	CITY TRAFFIC ENGINEER DATE:

SCALE:
AS SHOWN
SHEET OF SHEETS
1 OF 1

CPMC CONSTRUCTION  
TEMPORARY SIGNAL WORK

SPECIFICATION NO.	XXXXX
DRAWING NO.	DWGNO
FILE NO.	
REV. NO.	XX



**SFMTA**  
Municipal  
Transportation  
Agency

Edwin M. Lee, *Mayor*

Tom Nolan, *Chairman*

Malcolm Heinicke, *Director*

Joél Ramos, *Director*

Edward D. Reiskin, *Director of Transportation*


Cheryl Brinkman, *Vice-Chairman*

Jerry Lee, *Director*

Cristina Rubke, *Director*

## MEMORANDUM

**TO:** Gene Chan  
Bureau of Street Use and Mapping  
1155 Market Street, Third Floor

**FROM:** Geraldine de Leon   
Associate Engineer

**DATE:** February 18, 2014

**SUBJECT:** Surface-Mounted Facility Submittal Package for Signal Controller Cabinet Installation at **Yorba Street** between **Sunset Boulevard** and **36<sup>th</sup> Avenue** (near the intersection of Sunset Boulevard and Yorba Street)  
(Change Order to DPW Contract No. 2142J – Various Locations Pedestrian Countdown Signals Contract No. 2)

Please find enclosed our submittal package for the proposed installation of a surface-mounted facility (signal controller cabinet) at **Yorba Street** between **Sunset Boulevard** and **36<sup>th</sup> Avenue** (near the intersection of Sunset Boulevard and Yorba Street). Work to signalize this intersection is included as part of a change order to Contract No. 2142J, Various Locations Pedestrian Countdown Signals Contract No. 2. Construction of the controller cabinet foundation is estimated to begin around June 2014.

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 415-701-4675.

### 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 Controller Location  
Photographs of Proposed Controller Location  
Copy of Proposed Public Notice

**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: SFMTA Transportation Engineering ADDRESS: 1 South Van Ness Ave., 7<sup>th</sup> Floor, SF, CA 94102-5417

Contact Name: Geraldine de Leon TEL. NO.: (415) 701-4675 FAX: (415).701.4737

Date: **February 18, 2014** Proposed Location: **Yorba Street between Sunset Boulevard and 36<sup>th</sup> Avenue**

- 1. Five-year plan or letter indicating no additional work is planned for the next five years is on file.
- 2. Verification that cabinet size is consistent with the plans on file.
- 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
- 4. Verification of attempts to place Surface-Mounted Facility underground.
- 5. Verification of attempts to collocate the Surface-Mounted Facility.
- 6. Verification of special requirements that limit the possible locations for the Surface-Mounted Facility.
- 7. Verification that proposed locations conforms to the placement guidelines.
- 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: \_\_\_\_\_, 2014 with: Geraldine de Leon Tel. No.: (415) 701-4675

- 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 Gene Chan \_\_\_\_\_ Tel. No.: (415) 554-5806

## 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 signal controllers, 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 controller 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, 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 signal controllers, 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 controller 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, 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 signal controllers, 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 controller is curbside with a direct line of sight to as much of the intersection, signal indications and vehicle and pedestrian



SMF Submittal Package  
For Yorba Street between Sunset Boulevard and 36<sup>th</sup> Avenue  
(near the intersection of Sunset Boulevard and Yorba Street)  
February 18, 2014

traffic as possible. For such reasons, 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

This intersection is currently unsignalized and has no existing surface-mounted facility to remove.

# 5 Year Plan: Sunset Boulevard & Yorba Street

enovista
Print as PDF
Cancel

Notify
Edit

**Project Information**

**Name:** Contract 62 New Traffic Signals

**Description:** 2014-02-SP

**ID:** SF MTA SS - Transportation Engineering (Capitol)

**Owner:** Roadway

**Facility Type:** Signs/Lights/Poles

**Asset Type:** Geraldine De Leon 415-701-4675

**Group Code:**

**Contact:**

**Paving Type:** Excavation but No Paving

**Status:** Planned

**Facility Indicator:** Traffic

**Activity Type:**

**Schedule**

**Start Date:** 01/01/2015 12:00 AM

**End Date:** 12/31/2015 11:59 PM

**Duration:** 365.0 days

**Needs Update?:** No

**Additional Information**

**Location:** 8TH ST & NATAWA ST, San Francisco, California, 94103 to YORBA ST & SUNSET BLVD, San Francisco, California, 94116 via GEARY BLVD & 22ND AVE, San Francisco, California, 94121 and GEARY BLVD & 26TH AVE and GEARY BLVD & LINCOLN WAY, San Francisco, California, 94122 (1 more)

**Location Type:** Multi Point

**Location Size:**

## **DIMENSIONS FOR 2070G UPPER CONTROLLER CABINET, LOWER PEDESTAL CABINET AND PEDESTAL CABINET BASE**



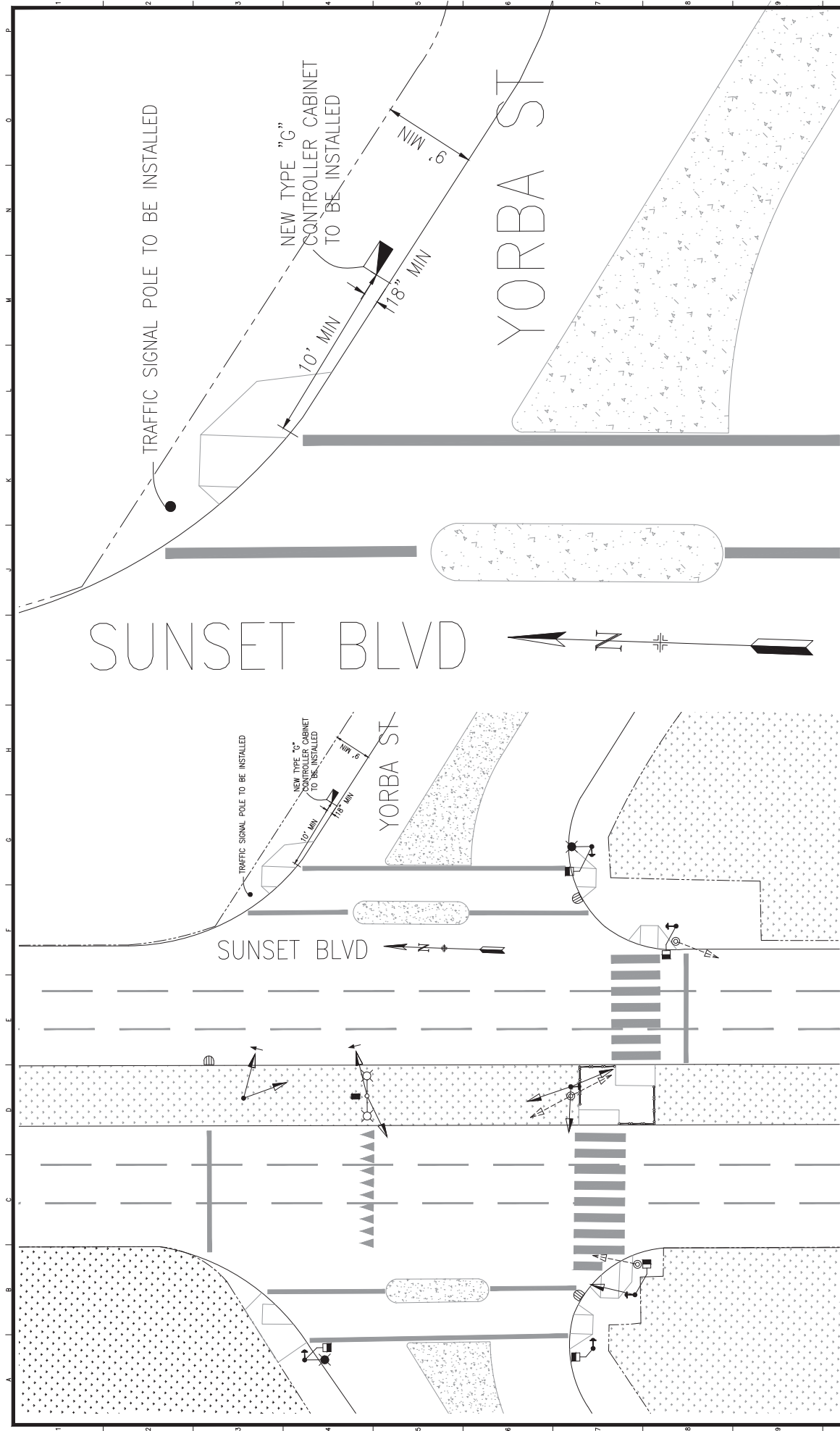
2070G UPPER CONTROLLER CABINET: 24.25" W x 17.5" D x 40" H

2070G LOWER PEDESTAL CABINET: 20" W x 16" D x 30" H

PEDESTAL CABINET BASE: 17" W x 13" D x 3" H

STANDARD CONCRETE FOUNDATION: 17" W x 13" D x 2" H (portion above ground)

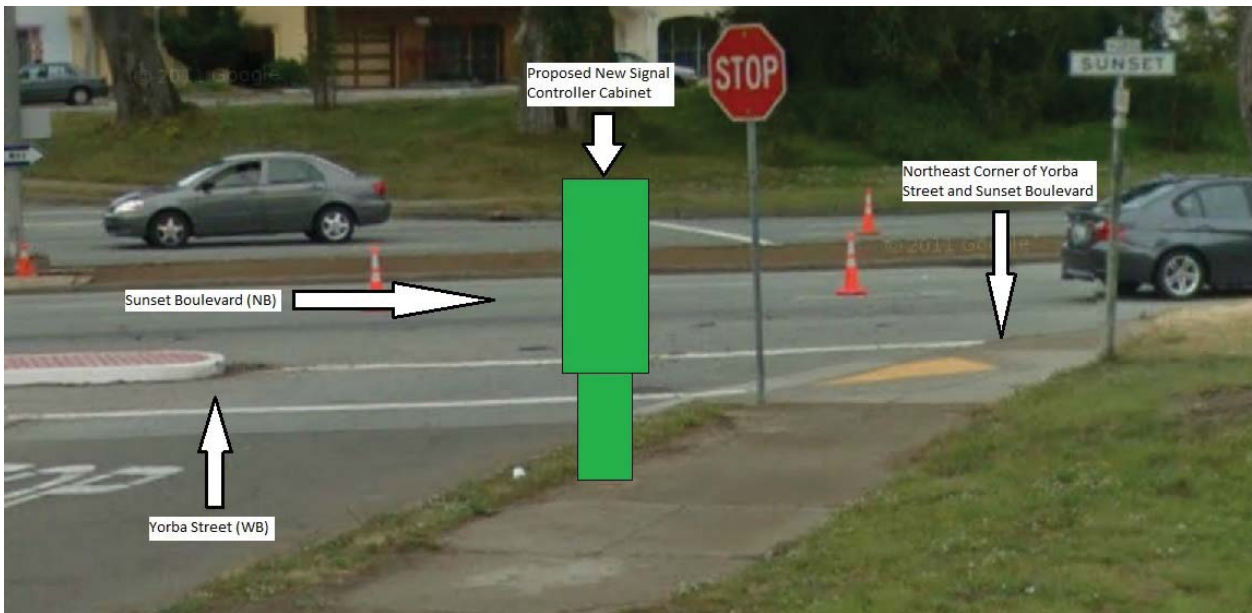
TOTAL HEIGHT (including upper and lower cabinets, cabinet base and foundation): 75" H



1 2 3 4 5 6 7 8 9  
 P O N M L K J I H G F E D C B A

REFERENCE INFORMATION & FILE NO. OF SHEETS		SCALE: AS SHOWN		CNV NO.	
SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY CITY AND COUNTY OF SAN FRANCISCO		SHEET OF SHEETS XX OF XX		DWGNO XXXXX	
		DATE: 2/10/14		RET. NO. XXXX	
TABLE OF REVISIONS CHECK WITH TRACKING TO SEE IF YOU HAVE LATEST REVISION		DATE:		XX	
NO.		DESCRIPTION		BY: APP.	

PICTURES OF PROPOSED SMF INSTALLATION NEAR THE INTERSECTION OF SUNSET BOULEVARD AND YORBA STREET





Division of Sustainable Streets - Transportation Engineering  
San Francisco Municipal Transportation Agency  
One South Van Ness Avenue, 7<sup>th</sup> Floor  
San Francisco, CA 94103-5417

Reference #:  
14SMF-XXXX

## IMPORTANT NOTICE CONCERNING YOUR RIGHTS

February 18, 2014

Dear San Francisco Resident:

The San Francisco Municipal Transportation Agency (SFMTA) has filed an application with the San Francisco Department of Public Works (DPW) for a permit to install a traffic signal controller cabinet at the northeast corner of **Sunset Boulevard** and **Yorba Street**. Please note that this intersection is currently unsignalized and new traffic signals will be installed here as part of an upcoming project. A photograph of the Surface Mounted Facility (SMF) and the specifications for the SMF are shown below.

The new traffic signal control cabinet proposed for installation is needed to house the signal controller and other equipment that will control and monitor the proper functioning of the traffic signals. The proposed SMF location is the optimal location for the placement of the controller cabinet from a traffic safety standpoint. A direct line of sight from the cabinet to the intersection, signal indications and vehicle and pedestrian traffic is essential.

If you object to the installation of the SMF, you **must** submit your objection in writing via e-mail to [smf@sfdpw.org](mailto:smf@sfdpw.org), via mail to the **Department of Public Works Bureau of Street-Use and Mapping, 1155 Market Street, 3<sup>rd</sup> Floor, San Francisco, CA 94103**, or via fax to **(415) 554-6161**. You have 20 days from the date of this notice to send a 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 may 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.





(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-0022**

**Surface Mounted Facility Permit**

Address : YORBA ST: 36TH AVE  
to SUNSET BLVD (2500 - 2549)

Cost: \$150.00

Block: Lot: Zip:

**Permittee**

**Name:** San Francisco Municipal Transportation Agency  
**Address:** One South Van Ness Avenue, 07th Floor San Francisco, CA 94103  
**Contact:** Geraldine de Leon **Phone:** (415) 701-4675

**Permit FrontPage Conditions** Note: Your application is approved, as submitted, with no additional requirements. You may apply for an excavation permit. (Location: Northwest corner of Yorba and Sunset Blvd)

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

Approved Date : 03/20/2014

\_\_\_\_\_  
Applicant/Permittee                      Date

Printed : 6/10/2014 4:13:00 PM      Plan Checker                      Gene Chan

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*Customer Service*

*Teamwork*

*Continuous Improvement*



# Permit Addresses

14SMF-0022

\*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	YORBA ST	36TH AVE	SUNSET BLVD	North	RW : False SMC : False S/W Only : False DB: False BP: False UB: False	0	0		
<b>Total</b>						<b>0</b>	<b>0</b>		

# Exceptions

14SMF-0022

Street Name	From St	To St	Message	Job	Contact	Dates
YORBA ST						
	36TH AVE	SUNSET BLVD -	Conflict with existing excavation permit. It is mandatory that you coordinate all work for joint paving.	14EXC-1346	Jim Z. Lau #415-806-8166 - Jim Z. Lau #415-806-8166	Mar 18 2014-Aug 24 2014
	36TH AVE	SUNSET BLVD -	Banners are allowed on this street	N/A		

## No Diagram submitted