



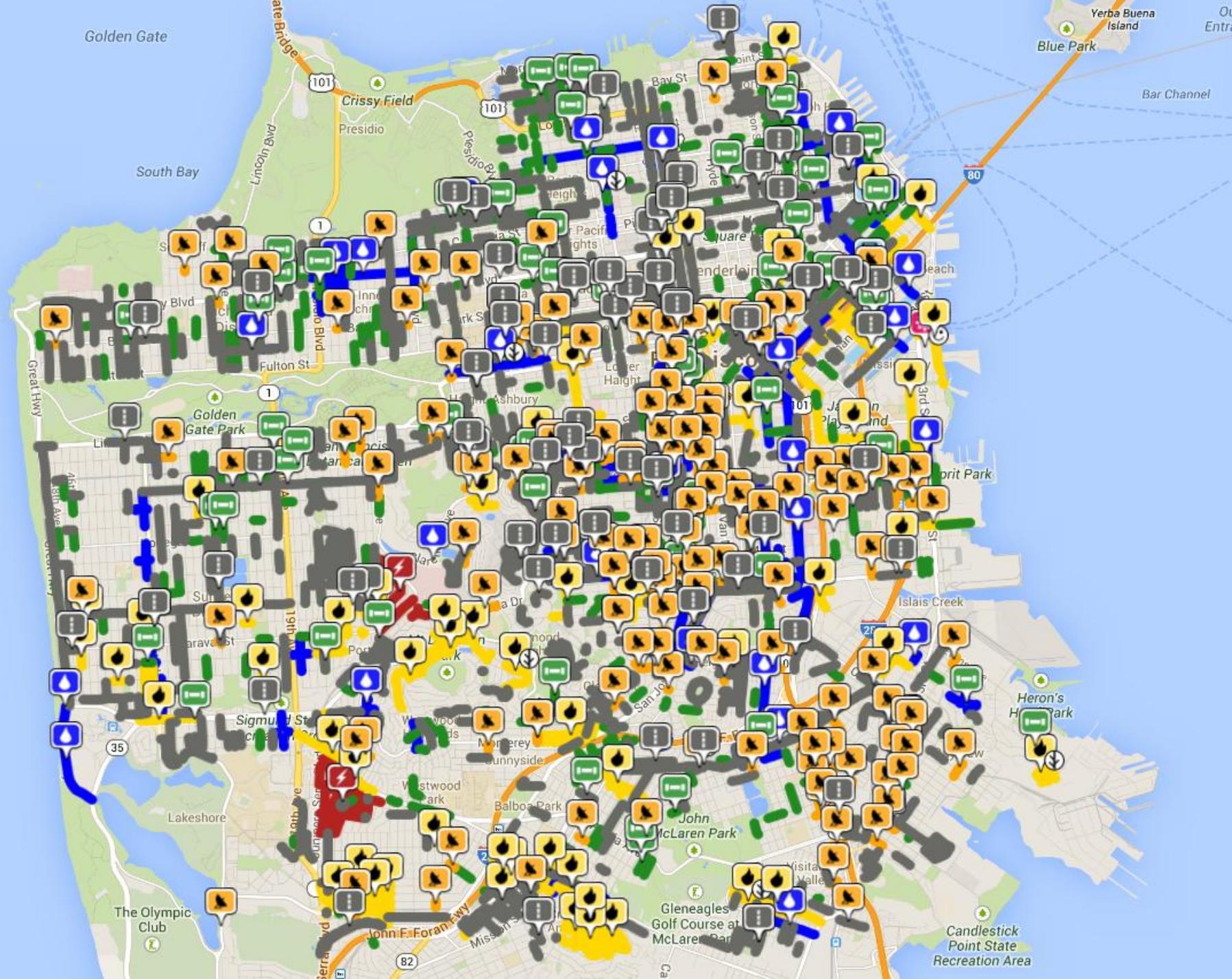
ROADWORK AND INFRASTRUCTURE OVERSIGHT in San Francisco

City agencies working together



mission

To improve the quality of life in San Francisco through the efficient, effective, responsive, responsible, and fair administration of the City's Excavation Code.



Golden Gate

Verba Buena Island
Blue Park

South Bay

Crissy Field
Presidio

Golden Gate Park

The Olympic Club

John F. Foran Hwy

Gleneagles Golf Course at McLaren Park

Candlestick Point State Recreation Area

Heron's Park

Islais Creek

John McLaren Park

Balboa Park

Westwood Park

Sigmund St

Lakeshore

Mariposa Park

Golden Gate Park

Bar Channel

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goal

- 
- **Minimize the impact of street construction**
 - **Protect the public's investment**
 - **Improve the public right of way**

TYPICAL TIMELINE OF REPAIR OF STREET AND SEWER



1. Excavation of street



5. Construction of curb ramps/bulb outs



2. Sewer main installed and/or repaired



6. Street repair (base work)



3. Assessment of laterals to homes/businesses



7. Repaving of street



4. Repairs of laterals as necessary



8. Restriping of street for traffic control

coordination

After all planning and permitting has been reviewed and approved, the City must also take into account the following to assure good coordination :

- Traffic rerouting
- Special events
- Parking restrictions
- Transit impacts
- Weather
- Available funding

PAVING CONDITION INDEX (PCI) SCORE

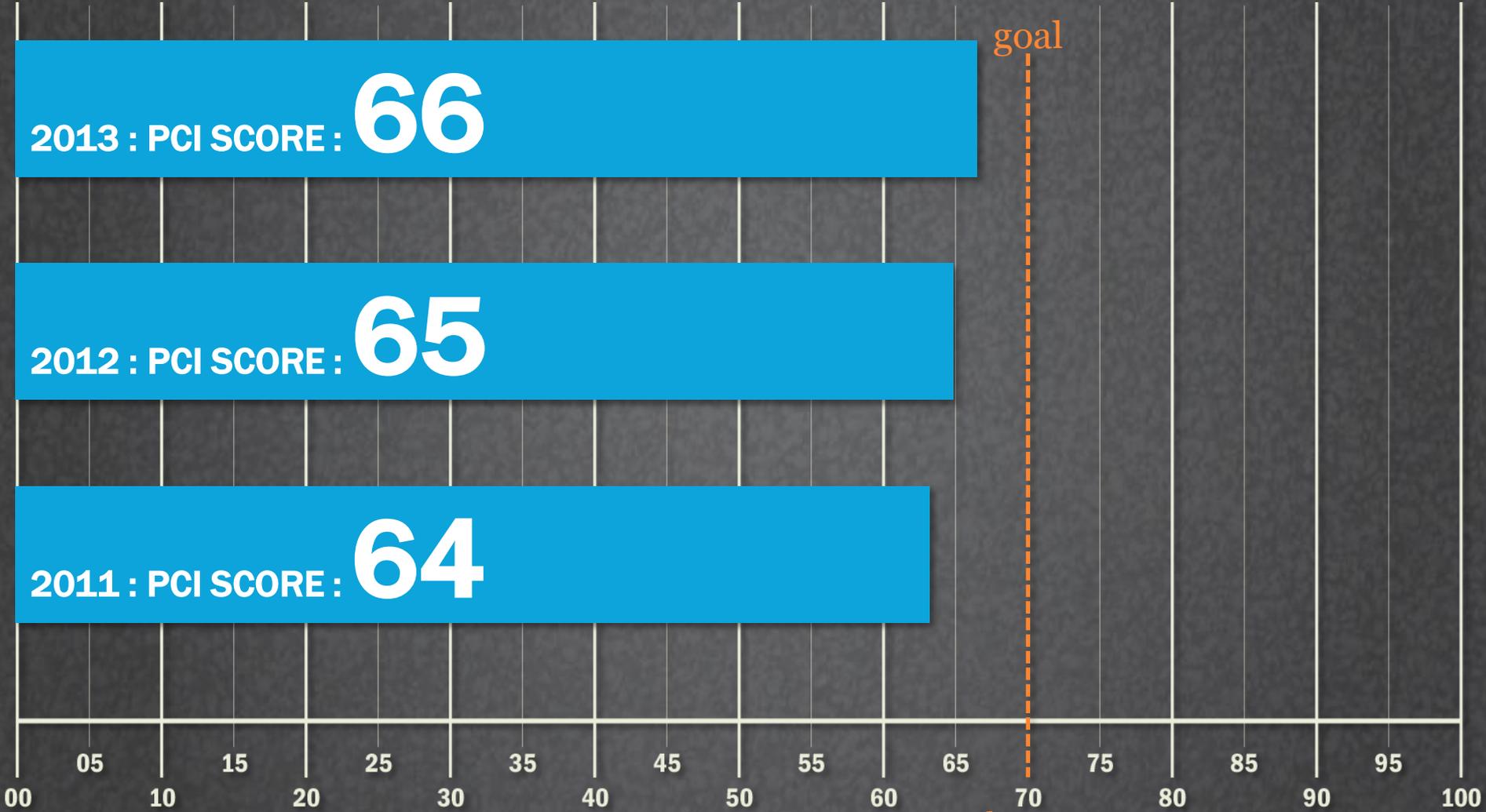
2013 : PCI SCORE : **66**

2012 : PCI SCORE : **65**

2011 : PCI SCORE : **64**

goal

by 2021





PWC 2.4.12

REQUIREMENTS

coordination of
street construction

Coordination shall occur when work is planned in the same block within a 5-year period.

- + **2 or more City Agencies**
One agency shall perform the work.
- + **2 or more Private Utilities**
One utility agency shall perform the work.
- + **Private Utility and City Agency**
Permits shall be conditioned to maximize coordination and minimize construction period.



PWC 2.4.12

BENEFITS

**coordination of
street construction**

Benefits of coordinating work include:

- + Shorter overall construction period**
- + Minimize parking loss**
- + Decrease noise, dust and vibration**
- + Reduce traffic detours**



Excavations shall not occur on streets that have been paved in the preceding 5 years.

Exceptions Include :

- Repair leaks
- Respond to emergencies
- Provide services to new buildings
- Deployment of new technology

TOTAL EXCEPTIONS IN 2013 : 292



**CONSTRUCTION
MORATORIUM**



Selection criteria :

- + Identify conflicts and coordinate opportunities with utility companies and City Agencies
- + Paving Condition Index below 85
- + Functional class
- + Transit and bicycle routes
- + Paving of continuous blocks
- + Equitable distribution across city



SFMTA
Municipal
Transportation
Agency

**improvement
conditions**

Projects are intended to address indentified needs by transit and others to maintain and improve transit service in the City.

Capital Plans and Programs

- + State of good repair
- + System of safety and security
- + System expansions
- + System enhancements

Sustainable Streets - Traffic Engineering

- + Consecutive blocks and intersections
- + Coordinating with other contractors
- + Transit operations
- + Holiday moratorium

Sustainable Streets - Livable Streets

- + Repaving schedule
- + Safety needs
- + Pilot projects



CULCOP

Committee for Utility Liaison on Construction and Other Projects

Monthly coordination meetings among agencies and utility companies that perform excavation work within the public right of way to minimize impact of construction on our streets and in our neighborhoods.



Webpage/Project Blogs

Dedicated webpage or blog for a specific project – detailing the job scope, project manager, timeline, and photo updates.



Envista

A web based information system utilizing an interactive map



Newspaper Ads

Local newspapers to provide outreach to more constituents in the neighborhood

PUBLIC OUTREACH TOOLS



Pre-Construction Notices

Construction project mailings to impacted constituents



Social Media

Social media outlets such as Twitter and Facebook



Presentations

Community meetings, one-on-one outreach, project blogs, e-mail lists, websites and various social medias



Webpage/Project Blogs

Dedicated webpage or blog for a specific project – detailing the job scope, project manager, timeline, and photo updates.

Projects

WATER

Project

BDPL Reliability Upd

Bioregional Habit

Calaveras Dam Rep

Cisterns Group A - E

System Improvement

Crystal Springs / Sa

(WSIP)

Geary Road Bridge P



excellent
transportation
choices

Getting Around Services Projects & Planning About the SFMTA

Home / Projects & P

15th-Adai

Overview Details

PROJECT OVERVIEW

This pilot propose
through traffic to
recommending th



City & County of San Francisco
Department of Public Works

Home

About Us

Services A-Z

Projects

Communi

Services A-Z

Cesar Chavez Streetscape Project

Sign up for email updates and construction alerts for the Cesar Chavez



May 1, 2013

Grinding and Paving Begins Ahead of Schedule

48th Ave. to Lincoln to be completed next week!

Crews ramped up work and mobilized resources this week in order to begin the grinding and paving work for completion ahead of schedule.



Connect

[Great Highway Project Info and Archived Updates](#)

[Email Questions/feedback](#)

[Twitter updates](#)

[DPW on Facebook](#)

[Road Repaving and Street Safety Bond Program](#)

[DPW Home/Request a service](#)



Construction, Inc) continues & Streetscape Improvement along the corridor and are project is scheduled to be

esday January 29, 2014, to will be held at 11am at Si Se Pueo public and everyone is invited to att

ks (DPW) and the San Francisco P along the Cesar Chavez corridor, Municipal Transportation Agency (SF

nviting, and ecologically sustainabl neighborhoods. The community ap process that included a series of pu

Hampshire and Guerrero streets, v ty, enhance greening, promote eco

median to allow for many more stre lk at the corners; install stormwater ent; and upgrade the street lighting mption. Low Impact Development infet design. This strategy fuses infra drainage problems.



Envista

A web based
information system
utilizing an
interactive map

City and County of
San Francisco

Search Location:
Enter a location
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.

1225J - Balboa Street Sewer Replacement (Streetscape)

Owner: SF DPW BDC - Landscape Architecture
Contact: [Martha Ketterer](#)
Location: Balboa St & 34th Ave, San Francisco, California, 94121 to Balboa St & 39th Ave via Balboa St & 35th Ave and Balboa St & 36th Ave
Dates: 08/19/2013 - 04/18/2014
Status: Started
Details: Landscape Lead. Sewer Replacement on Balboa Street from 34th Ave to 39th Ave.

Total NOI's Created
since April 2013

120



Pre-Construction Notice

Construction project mailings to impacted constituents

 **ONESF**
Building Our Future

30-Day Notice: Water & Sewer Main Replacement and Pavement Renovation Project - Jackson, Sacramento, Washington & Davis Streets

What: The San Francisco Public Utilities Commission (SFPUC) will begin the installation of a new 8" water main pipe on Jackson St from Stockton to Grant & Sansome to Front; Washington from Davis to Battery; Sacramento St from Battery to Drumm; and Davis St from Sacramento to Market. This project will replace pipes in the street that are approaching the end of their useful life. **Crews will replace the sewer main on Sacramento between Front & Battery.*

Who: Empire Engineering & Construction is the contractor working for the SFPUC.

When: The anticipated start date for the project is **September 16, 2013** with completion scheduled for June 2014. Weather and/or construction issues may impact the schedule.

How:

- Cut trench in pavement; remove pavement and fill material
- Install water main pipe
- Backfill trench & install temporary asphalt as work moves forward
- Make service connections to new pipe
- Final trench paving and street restoration

There may be periods of inactivity within construction schedule.

Pre-construction activities: Crews will be locating and marking existing utilities with spray paint and drilling to verify underground utility locations.

What to expect during construction:

- There will be noise, vibration, dust, parking and traffic impacts in work zone and disruption to normal neighborhood activity.
- Businesses and residents in the work zone will maintain access to their garages, although there may be temporary delays.
- Parking will be prohibited in the work zone during work hours. *Please see posted signs for exact details.*

 San Francisco **Water Power Sewer**
Services of the San Francisco Public Utilities Commission

525 Golden Gate Avenue
San Francisco, CA 94102
(415) 554-3289

FOLLOW US:
 SF Water Power Sewer  @sfwater

10-Day Public Notice

Jackson, Sacramento, Washington & Davis Sts - Water & Sewer Main Replacement and Pavement Renovation Project

Clean, efficient, reliable...

Every day, we deliver high-quality, efficient water, power and sewer services to serve the needs of the San Francisco Bay Area.

Water – Delivering high-quality water every day
We deliver drinking water by gravity to 2.6 million people and businesses in San Francisco, Alameda, Santa Clara, and San Mateo counties.

Power – Generating clean energy for vital City services
We generate clean, reliable energy to power vital City services, such as MUNI, streetlights, schools and public buildings.

Sewer – Protecting public health and the environment
Through our treatment plants and innovative programs, we manage sewage and stormwater and prevent pollution of the bay and ocean.

 **NOTICE OF TEMPORARY WATER SERVICE INTERRUPTION**

Dear Customer,
We are performing vital work in your neighborhood that requires a short interruption to your water service. We sincerely regret this necessary inconvenience.

YOUR WATER SERVICE WILL BE INTERRUPTED:
Time/Date:

Air or sediment may get trapped in your pipe as a result of this work. Upon restoration of service, we recommend that you slowly turn on the cold water to your bathtub for 1-2 minutes. This will flush any air or sediment in the pipe to the sewer.

To prevent flooding, plumbing fixtures may be accidentally disconnected and restored.

Thank you for your patience. We will continue to improve our services. Questions or comments, please call 554-5824.

工程。施工期間，我們可能有不便之處，我們深表遺憾。
可能積空氣或者是沉澱物，慢慢將浴缸內水龍頭打開，慢慢將浴缸內水龍頭內積的空氣或沉澱物沖走。
之後，請確保關閉所有水龍頭。
我們致力改善我們的供水服務。

TOW-AWAY NO STOPPING

  Towed Vehicles: 553-1200
Permit Info: 554-5824 (M-F)

LOCATION: 1155 MARKET STREET on MARKET ST (20 ft.)

TIME: 8:00AM - 5:00PM MONDAY - FRIDAY

DATE: 01/01/2013 - 01/31/2013

PERMIT HOLDER: 13TOC-0000 BSM CONSTRUCTION

Contact: 415-555-1234

CONSTRUCTION ZONE SF ★ PD SEC. 22651(m) CVC

EXAMPLES OF COORDINATION PROJECT

Balboa St Streetscape (Paving Portion)	3	28th Ave Pavement Renovation	2
Cesar Chavez Streetscape and Paving	2	Kirkham St Pavement Renovation	2
Broadway Joint Paving Streetscape	3	Folsom St Pavement Renovation PH3	2
Folsom St Pavement Renovation PH 2	3	Pavement Renovation Balboa St	4
Plymouth Pavement Renovation and Sewer Replacement	2	Pavement Renovation Bayshore Blvd and San Bruno Ave	5
9th St Joint with SFWD	2	Pavement Renovation - 24th Street	4
Downtown District Sewer Replacement	2	Pavement Renovation - Great HWY	3
Western Addition/North Beach/Marina Districts Sewer Replacement	2	Various Locations Pavment Renovation #16	2
Noe, Glen Park District Sewer Replacement	2	Pavement Renovation - 20th Ave and Lincoln Way	2
Mason, Bay, Powell Streets Joint with Sewer	2	Pavement Renovation - Divisadero St and Franklin St	3
Pavement Renovation and Sewer Replacement - Fulton Street, Euclid Ave, Vallejo Street, and Laguna	3	Pavement Renovation - Guerrero St	3
Pavement Renovation and Sewer Replacement- Sickles Ave and Alemany Blvd	3	Pavement Renovation - Pine, Sacramento, Stockton Streets	3
Pavement Renovation & Sewer Replacement-17th & 18th St	3	Clay St Sewer Replacement and Pavement Renovation	3
Sacramento - Front to Battery Joint w/SFWD	2	As-Needed Paving Contract #9	3
Various Locations Sewer Replacement/Rehab No4. and Pavement Renovation	2	Market and Haight St. Paving Joint with Transit & Pedestrian Improvement Project	4
Silver Avenue - Pavement/Sewer/Water	4	15th/16th/18th/19th/20th Aves and California/Clement Joint w/Sewer	2
16th/21st/24th/25th Ave and Cabrillo/California Streets Sewer Replacement	2	Pavement Renovation - Gough St	6
20th/Arkansas/Connecticut/Mississippi/Missouri/Wisconsin Streets Sewer Replacement	2		

EXAMPLES OF COORDINATION PROJECT

Phelan Bus Loop Relocation	33 Stanyan Pole Replacement and Overhead Reconstruction
Phelan Plaza Development	Balboa Park East Side Connection
Van Ness BRT	Balboa Park Station Area and Plaza Improvements
Irving Street from Arguello – 9 th and 9 th from Irving to Judah	Bernal Substation Upgrade
Haight Street from Octavia to Lyon	Castro Streetscape Improvements
Bulbs at Columbus/Union	Glen Park Community Plan Transportation Improvements
Fulton 25 th – Great Highway	Green Center Rail Replacement
McAllister from Polk – Divisadero	Market and Haight Transit and Pedestrian Improvements
Potrero from Division – 25 th	Mission Bay Loop
33 reroute off Mission to Valencia	N and L Lines Train Signal Prioritization
Persia triangle	Sunset Tunnel Trackway Improvement Project
Bulbs at Stockton/Columbus	Transbay Terminal Support
Subway Escalator Rehabilitation - Phase I	Twin Peaks Tunnel Rail Replacement
Subway Escalator Rehabilitation - Phase II	Bayview Opera House Plaza
Green Rail Center Roof Rehabilitation	Subway CCTV Surveillance System
Islais Creek Facility – Phase I	Continental Crosswalks
Islais Creek Facility – Phase II	Traffic Calming
Presidio ETI Bus Hoist Lifts	Safe Routes to School
Transit Operator Convenience Stations	Eastern Neighborhoods
Woods Lift Replacement	Re-opening Closed Crosswalks
C3 Blue Light Emergency Phone Replacement	

PLANNED MTA-MUNI ROUTE IMPROVEMENTS – JANUARY 2015 TO 2018

N

Judah

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Church

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Fulton
(Market to 6th Street)

L

Taraval

8x

Bayshore Express
(Vis Valley Segment)

14

Mission
(Cesar Chavez to Daly City)

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Mission
(Van Ness to Cesar Chavez)

28

19th Ave

30

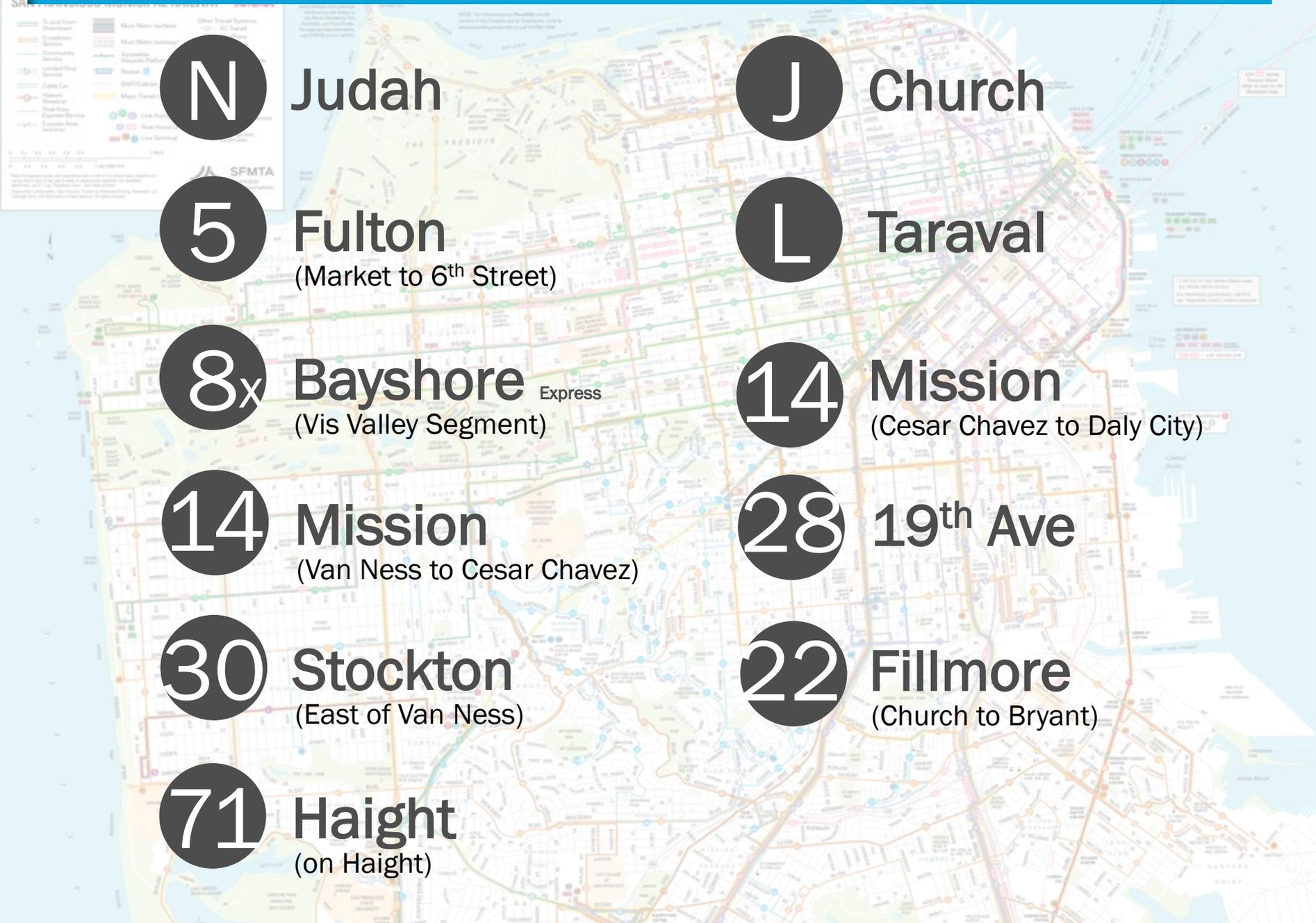
Stockton
(East of Van Ness)

22

Fillmore
(Church to Bryant)

71

Haight
(on Haight)



ACHIEVEMENT AND GOALS OF FY2012-2013



total blocks treated FY12-13 :

854

FY 12-13 Goal : 800

FY 13-14 Goal : 900



total miles of sewers replaced FY12-13 :

12

FY 12-13 Goal : 10-12 Miles/Year

FY 13-14 Goal : 15 Miles/Year

A background image showing a city street scene. On the left, a large concrete mixer truck is partially visible. In the center and right, several utility workers wearing high-visibility vests are working on the street. One worker is using a wheelbarrow to transport material. The scene is set in an urban environment with buildings and trees in the background.

specifications

City agencies and private utility companies are to comply with specific requirements while occupying the right of way to operate and maintain their facilities.

- + Provide time and date of work**
- + Proper storage of equipment and materials**
- + Comply with housekeeping rules**
- + Placement and securing of utility plates**
- + Maintain traffic control**
- + Sustain noise control**
- + Restoration of streets**



INSPECTION

Enforces the City's Excavation Code and other city ordinances to ensure safety in the public right of way.





THE PORT OF
SAN FRANCISCO
150 YEARS



THE PLACE FOR
DINING

THE PORT OF
SAN FRANCISCO
150 YEARS

