

San Francisco City & Contractors Liaison Meeting

October 26, 2016

San Francisco City & Contractors Liaison Meeting

Welcome and introductions

San Francisco City & Contractors Liaison Meeting

Collaborative Partnering update – Rob Reaugh, OrgMetrics



**San Francisco City &
Contractors Liaison Meeting**

October 26, 2016

Mission

Working together to make the City and County of San Francisco the “Owner of Choice”

Objectives

- To identify barriers to successful project delivery and develop recommendations to overcome them
- To be partnering champions that drive the culture of collaboration



San Francisco partnering by the numbers

6+ City departments

94 different prime contractors

July 2013 – June 2016

26 different facilitators

205 partnered projects:

53% increase
in # partnered
projects from
July 2015

137 projects (level 1) \$100,000 - \$5 million

33 projects (level 2) \$5 - \$20 million

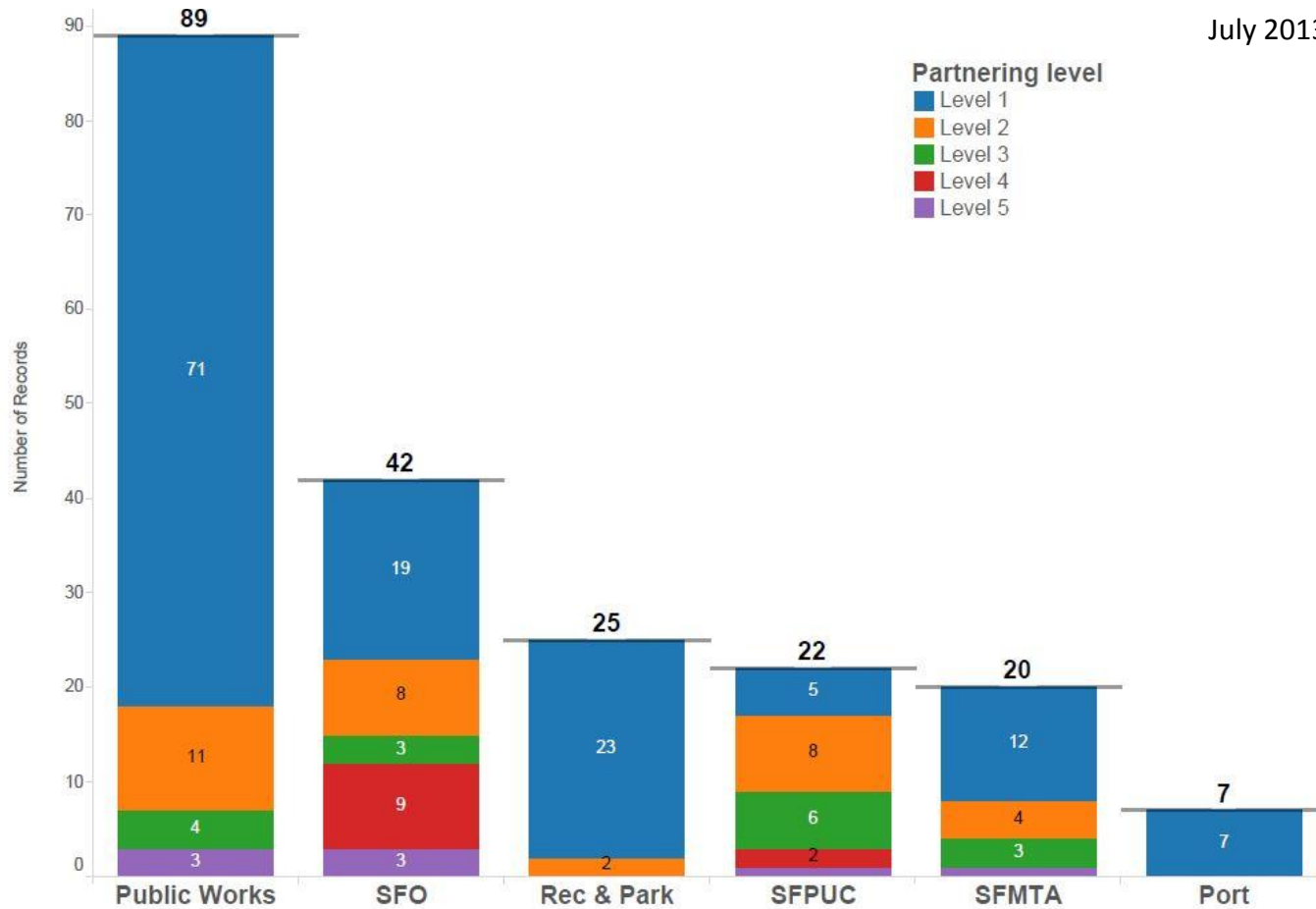
16 projects (level 3) \$20 - \$50 million

11 projects (level 4) \$50 - \$200 million

8 projects (level 5) \$200+ million

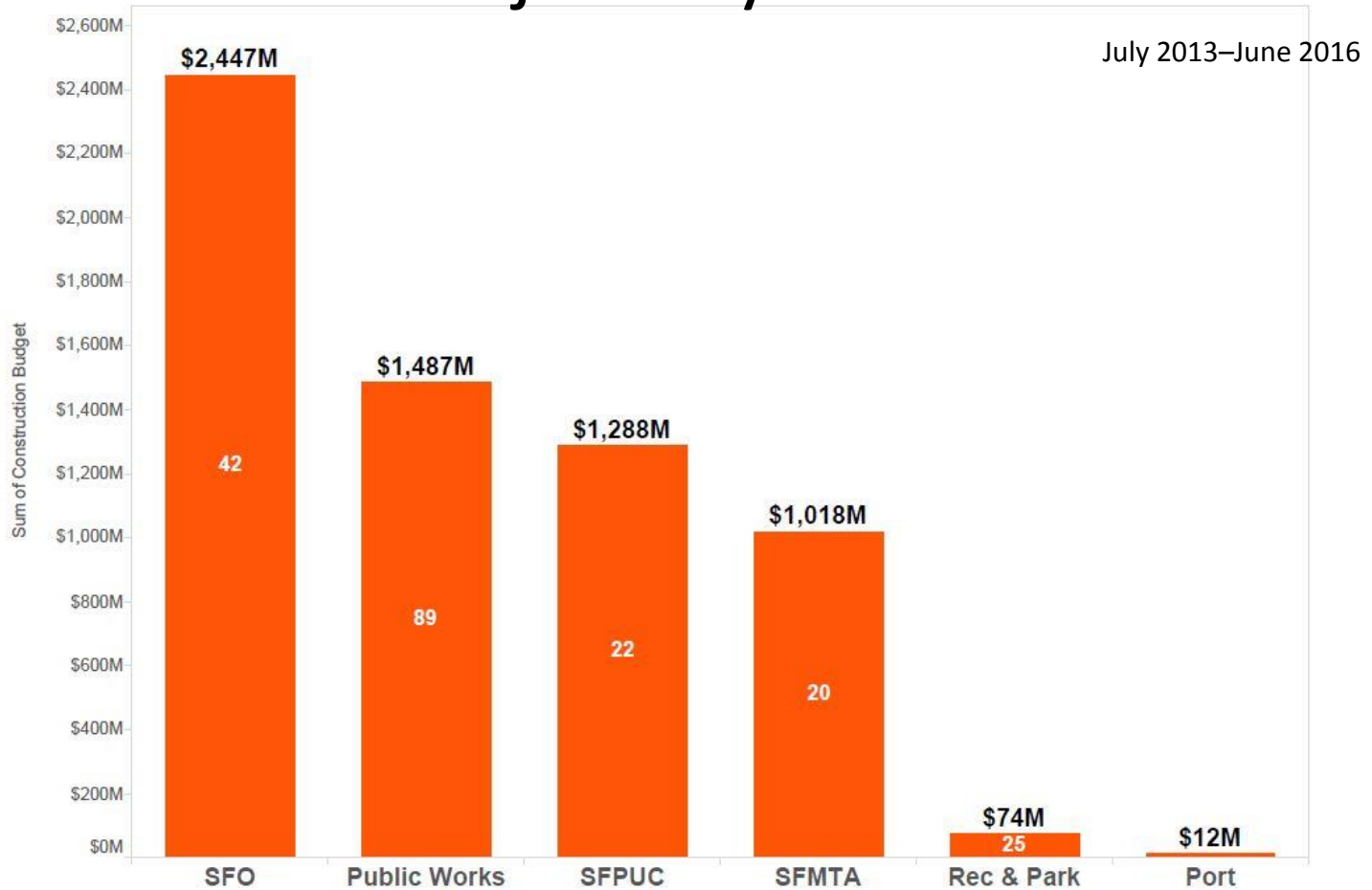
Partnered Projects by Level and City Agency

July 2013–June 2016





Partnered Projects by Construction Budget



SF Collaborative Partnering Steering Committee

Representation

- ❖ City of San Francisco (Public Works, SFMTA, SFPUC, Rec Park, Port, Airport, Budget Office)
- ❖ United Contractors
- ❖ Associate General Contractors - California
- ❖ National Association of Minority Contractors - Northern California Chapter
- ❖ Asian American Contractors Association
- ❖ Construction Employers' Association
- ❖ Construction Management Association of America – Northern California
- ❖ American Institute of Architects – San Francisco
- ❖ American Society of Civil Engineers – San Francisco Section
- ❖ International Partnering Institute

Areas of Focus for 2016-2017

Program Level Partnering issues

- Contract Change Order Process
- Project Close-outs, etc.

Subcommittees

- Performance Measures – Partnering implementation and efficacy
- Education and Training – Identify the “barriers to collaboration” on projects and develop tools and guidance to overcome them

Quick Hits: Ways to improve partnering in the next 90 days (by Feb. 8)

1. Project managers will include partnering on their weekly staff meeting agendas (similar to safety) in order to establish partnering as a stated priority for our project teams.
2. Partnering will be on the agenda for pre-construction meetings in order to emphasize to our new project teams that we are committed to the partnering process.



PARTNERING

S a n F r a n c i s c o

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Contractor evaluation and best value update

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Construction safety –

Nancy George, General Services Agency

Are You Ready for a Cal/OSHA Enforcement Inspection?

**The City and County of
San Francisco Experience**

**Nancy George, MPH, CIH, CSP
GSA Manager, Health and Safety**

When Do You Need to Notify Cal/OSHA Enforcement of a Workplace Incident?

When an employee dies, requires inpatient hospitalization for a period in excess of 24 hours for other than medical observation, or in which an employee suffers a loss of any member of the body or suffers any serious degree of permanent disfigurement.

Notify within 8 hours of learning of the incident.

415-557-0100

Rule of Thumb – whenever you need to call an ambulance, call Cal/OSHA.

When Does Cal/OSHA Come to Your Job Site?

They Respond to:

- **Employee Complaints**
- **Serious Incident Reports**
- **Targeted/Programed Inspections**

Cal/OSHA Priorities – situations that result in serious injuries or death:

- **Falls**
- **Machine Guarding**
- **Heat**
- **Exposed Rebar**
- **Confined Spaces and Unshored Trenches**

What can you do to be ready to respond to an Inspection?

Follow and Document Injury and Illness Prevention!

- Have a written program
- Have documented safety meetings and trainings
- Have employees sign off on safety procedures for each task they perform, even routine simple tasks
- Set work standards
- Enforce proper and consistent use of PPE
- Disciplinary records for safety infractions
- Conduct inspections and make corrections

You must have documentation of everything!

How Can We Prevent Serious Injuries and Illnesses?

- **Pre-Plan and Identify Safety Hazards Before Job Begins**
- **Look for unusual conditions that will create unique safety hazards, and correct hazards ahead of time.**
- **Anticipate narrow streets, heavy traffic, pedestrians, and bicycles.**
- **Accidents often happen when performing routine tasks.**

**YOUR SAFETY PROGRAM CANNOT BE
RELYING ON LUCK**

QUESTIONS?

Thank you!

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Working in the street – new construction brochures

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As-Needed Construction Master Services Agreement process – Stacey Camillo, SF Public Works

As-Needed Master Service Agreements for Construction



Stacey Camillo, Contract Administration Division Manager

October 26, 2016

New Administrative Code Provisions



- **Section 6.64 As-Needed Construction Contracts**

- **General As-Needed Contracts** – construction services with one contractor on an as-needed basis for specific trade (estimated quantities)
- **Master As-Needed Agreements** – multiple contractors who are qualified under a specific scope

Public Works is seeking multiple trades for As-Needed Construction Master Services Agreements



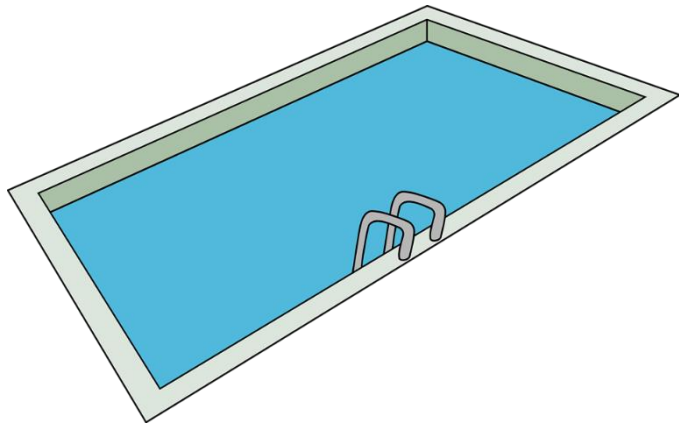
- Concrete Sidewalk Repair (advertised on 10/7)
- Electrical Services Micro-LBE Project (advertised on 10/13)
- Tree Service
- Fencing
- Roofing
- Scaffolding
- Heating Ventilation and Air Conditioning (HVAC)
- Fire Protection

The As-Needed Master Service Agreement process



- Contractors submit a completed Request for Qualifications package
- Panel will evaluate
- Qualified Contractors will enter into a contract with Public Works
- Competition of at least 3 contractors on a specific contract service order ($\leq \$600K$)
- Low bid wins
- Bonding on at least 25% of overall contract value (only if awarded a CSO)

Additional notes on the as-needed pool



- No guarantee of work
- Contracts are for 5 years, no CSOs issued after the 4th year
- We are posting these opportunities on a continuous basis
- Contractors in the pool who do not get a contract or whose contract expires must resubmit qualifications packets for consideration every two years

Want to work with San Francisco Public Works?



Public Works Contractors' Workshop

We're introducing a **new As-Needed Construction Master Services Agreement** process to quickly contract with contractors from many trades.

It's a new and efficient way to get access to City work.

We're looking for contractors who do work such as tree service, concrete sidewalk repair, fencing, electrical repair, roofing, scaffolding, HVAC and fire protection.

Because it's a new contracting process, we're holding a workshop to teach you how to apply.

It's actually a simple, quick process.

We have a lot of work coming up in the next few years and we need more contractors on board to help us out.

Join us!

Date: Thursday, November 3, 2016

Time: 3:00 – 4:00 p.m.

Place: SFPUC Contractors Assistance Center
150 Executive Park Blvd., Suite 1300



Let us know you're coming — call San Francisco Public Works at 415-554-6229.

Check out our current bid advertisements at sfpublicworks.org/ContractsAndBids.

Thank you!



www.sfdpw.org

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Protecting trees during construction— Erin Maehr, SF Public Works



Tree Protection Requirements

San Francisco City/Contractors Liaison Committee
October 26, 2016



WHY TREES? Who cares?



Tree Benefits

- Provides shade and reduces ambient temp
- Stormwater capture
- In summer, reduce cooling costs in buildings
- Provide aesthetic beauty
- Increase positive mental outlook
- Increase property values
- Filter pollutants
- Shelter wildlife
- Muffle noise
- Encourage walkers
- Slows drivers



**URBAN FORESTS & CITY TREES =
MORE LIVABLE, HEALTHY CITIES**



BY THE NUMBERS

Scientists at the U. S. Forest Service and elsewhere have developed tools to quantify the many benefits and ecosystem services provided by urban trees. These estimates indicate the magnitude of benefits our trees collectively return to the city - millions of dollars. For every \$1 spent on public street trees, it is estimated that San Francisco receives \$4.37 in benefits -- a tremendous return on investment¹.



669,000

Estimated number of trees in San Francisco.²



516,468,000 *gal*

Estimated gallons of water trees divert from the sewer system each year.³



196,000 *tons*

Amount of carbon stored by the city's trees each year.²



260 *tons*

Amount of atmospheric pollutants filtered by the urban forest annually.²

\$1,700,000,000

Estimated capital value of San Francisco's urban forest (i.e. replacement cost for all existing trees within the city).²

\$98,272,878

Increase in property values provided by San Francisco's trees annually.⁴

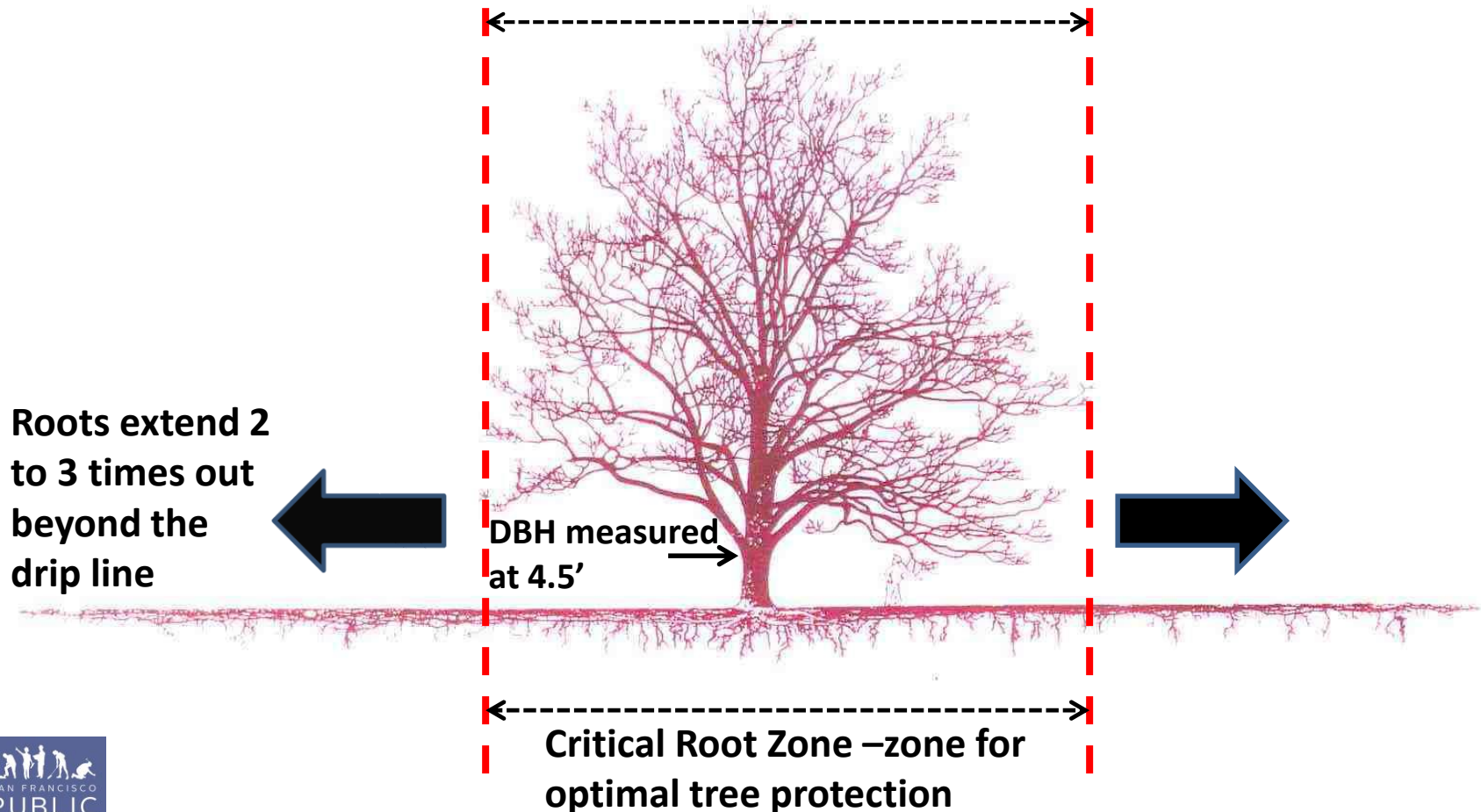
\$9,439,309

Value of environmental benefits (hydrological, air quality, and carbon storage) provided annual by the urban forest.^{2,4}

- 1 City of San Francisco Resource Analysis of Inventoried Public Trees, Davey Resource Group (2013).
- 2 Assessing Urban Forest Effects and Values: San Francisco's Urban Forest, United States Forest Service (2007).
- 3 Based on estimate of on average 774 gallons intercepted annually per tree (Davey Resource Group 2013).
- 4 San Francisco Bay Area State of the Urban Forest Report, USDA Forest Service (2007).

1" DBH (Diameter at Breast Height) = 1.5' radius CRZ
20" DBH tree = 30' radius CRZ

Drip line



Crown dieback
Often evident only after
several years

Tree / building
incompatability

Bark wounds

Material storage

Raising and lowering
of soil levels

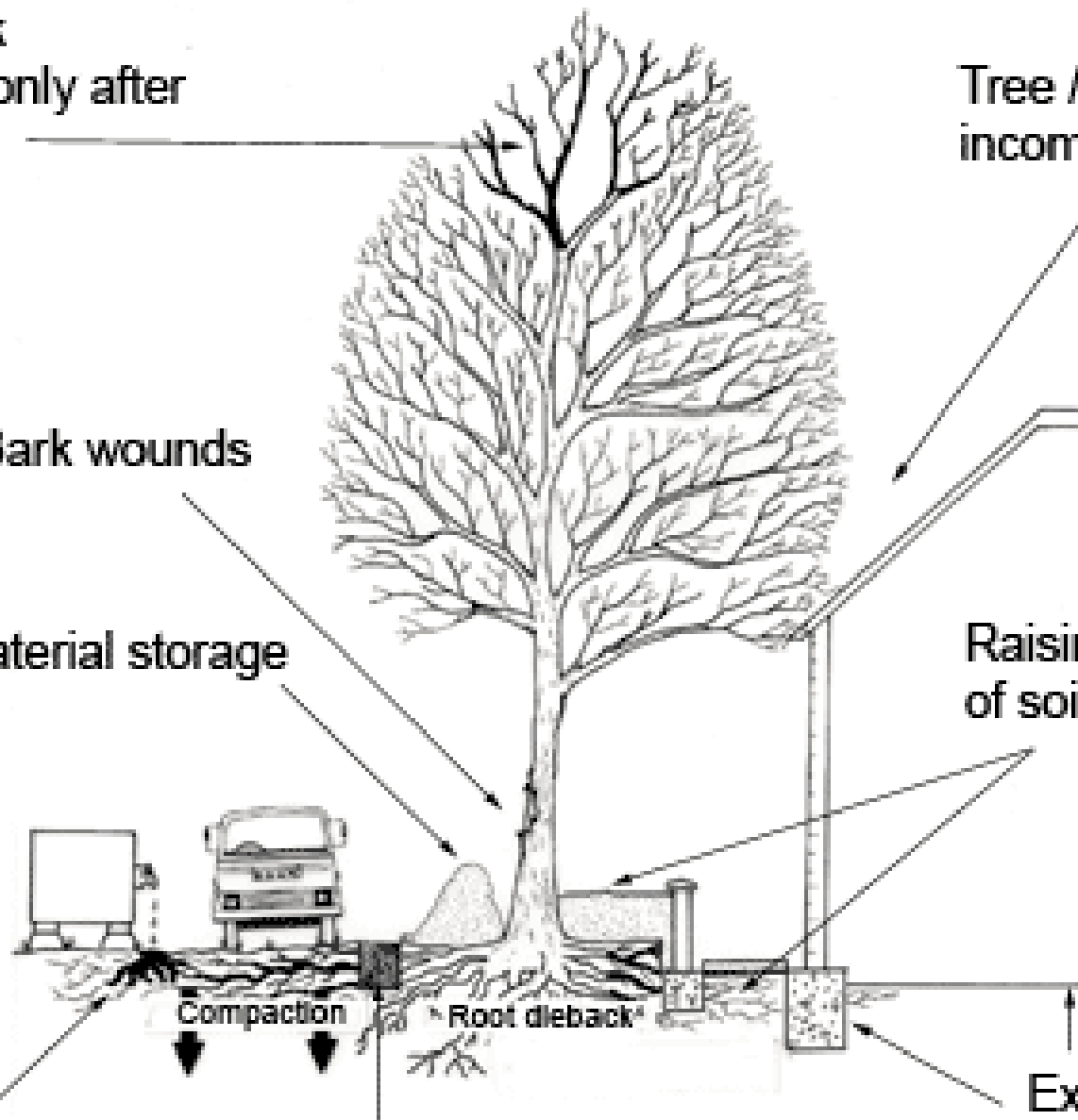
Compaction

Root dieback

Soil pollution

Trenching for drains
and service runs

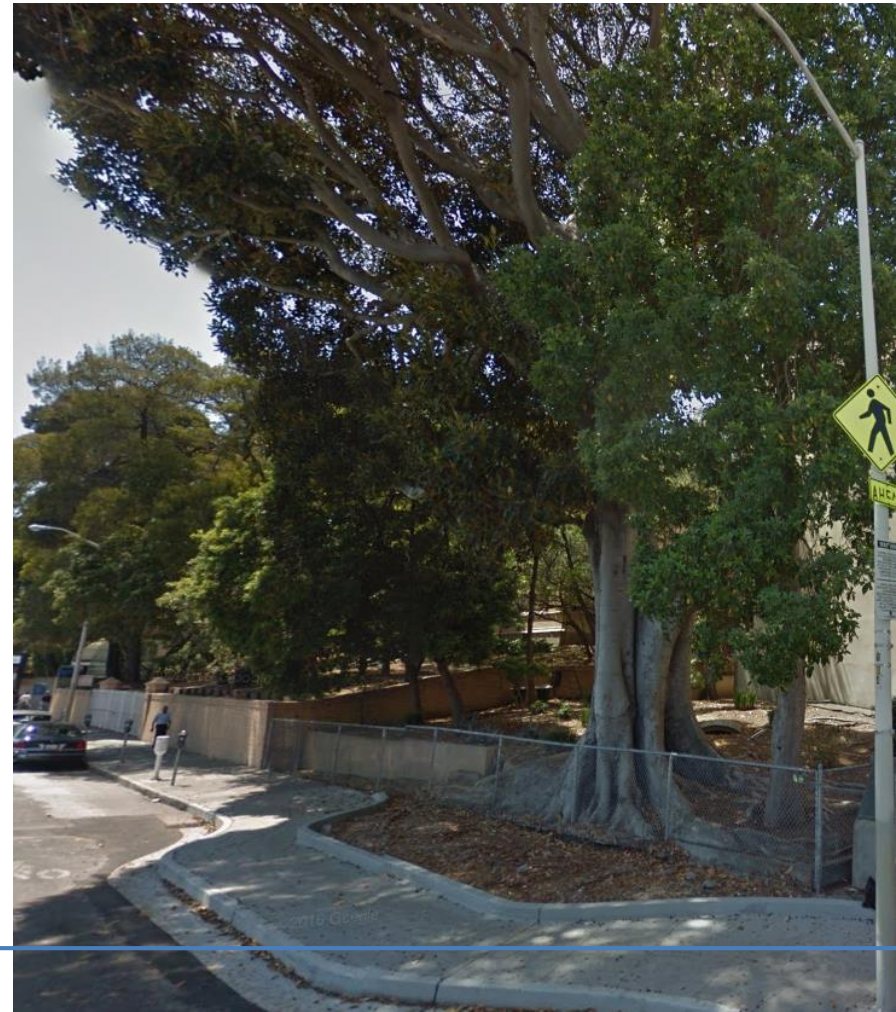
Excavation and
stripping of
topsoil



Legislation Article 16 Sec 808

Protection of Trees and Landscape Material

- New components enacted 7/15/2015
- **Construction work = Protection of trees required**
 - **Street**
 - **Significant**
 - **Landmark**
- Tree Protection Plan required -
 - drawn up by certified arborist
 - \$151.00 review fee
- **Failure to comply could result in a cease work order or citations**



Section 01 56 39 Temporary Tree & Plant Protection

- **certified Arborist must be hired by Contractor**
 - **Arboricultural work must be under supervision of the “Arborist” at all times (root pruning, pruning, removal, etc.)**
- **tree protection required**
- **pre bid meeting includes discussion of tree impacts/issues**



READ the Specifications!

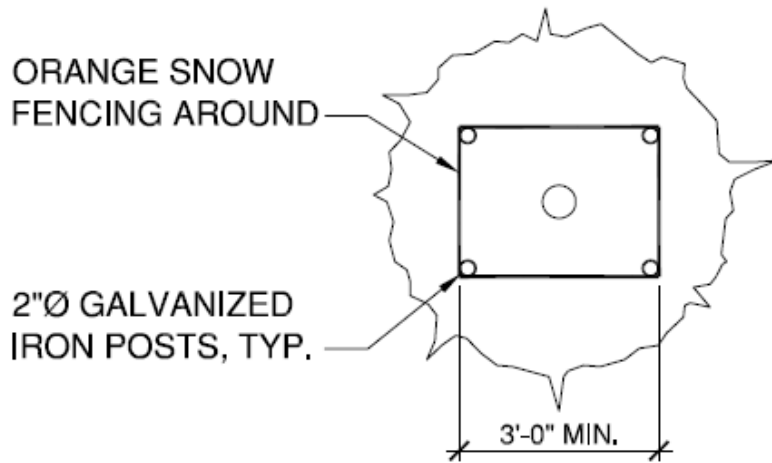
08/29/2016

**Design considerations –
If there will be impact within
the drip line of the tree –
involve Urban Forestry as
early as possible in the
process!**

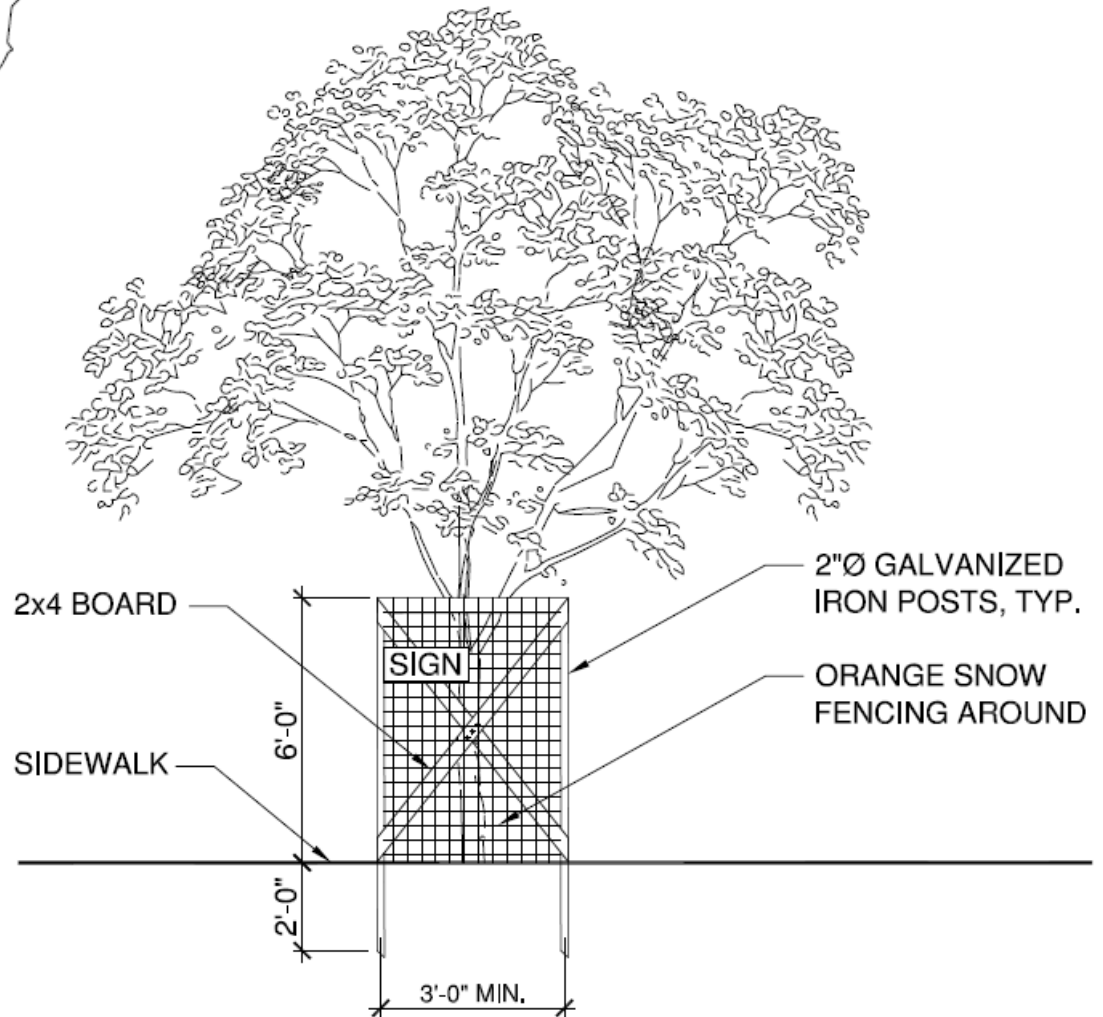




Street Tree Protection Detail



PLAN VIEW



STREET TREE PROTECTIVE FENCE

SCALE: 1/4" = 1'-0"



Masonic Streetscape Project – install protection before construction begins



**Dolores Street sewer installation
before**

Dolores Street sewer installation - after



PLEASE CALL 415-554-6700
EMAIL:
urbanforestry@sfdpw.org



**Thank you for preserving
our urban forest!**

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**Expanded work opportunities and
upcoming construction work**

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**General forum, Q & A,
announcements**

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Adjourn

**Special thanks to
United Contractors
for refreshments**