



SAN FRANCISCO BICYCLE SHARING PILOT

Pilot Service Area



**San Francisco Bicycle Sharing Pilot
Proposed Service Area (2/16/12)**

- 500 bikes
- 50 stations

- 1.78 sq mi.
- Dense
- Mixed Use
- Transit Rich
- Flat
- Bikable

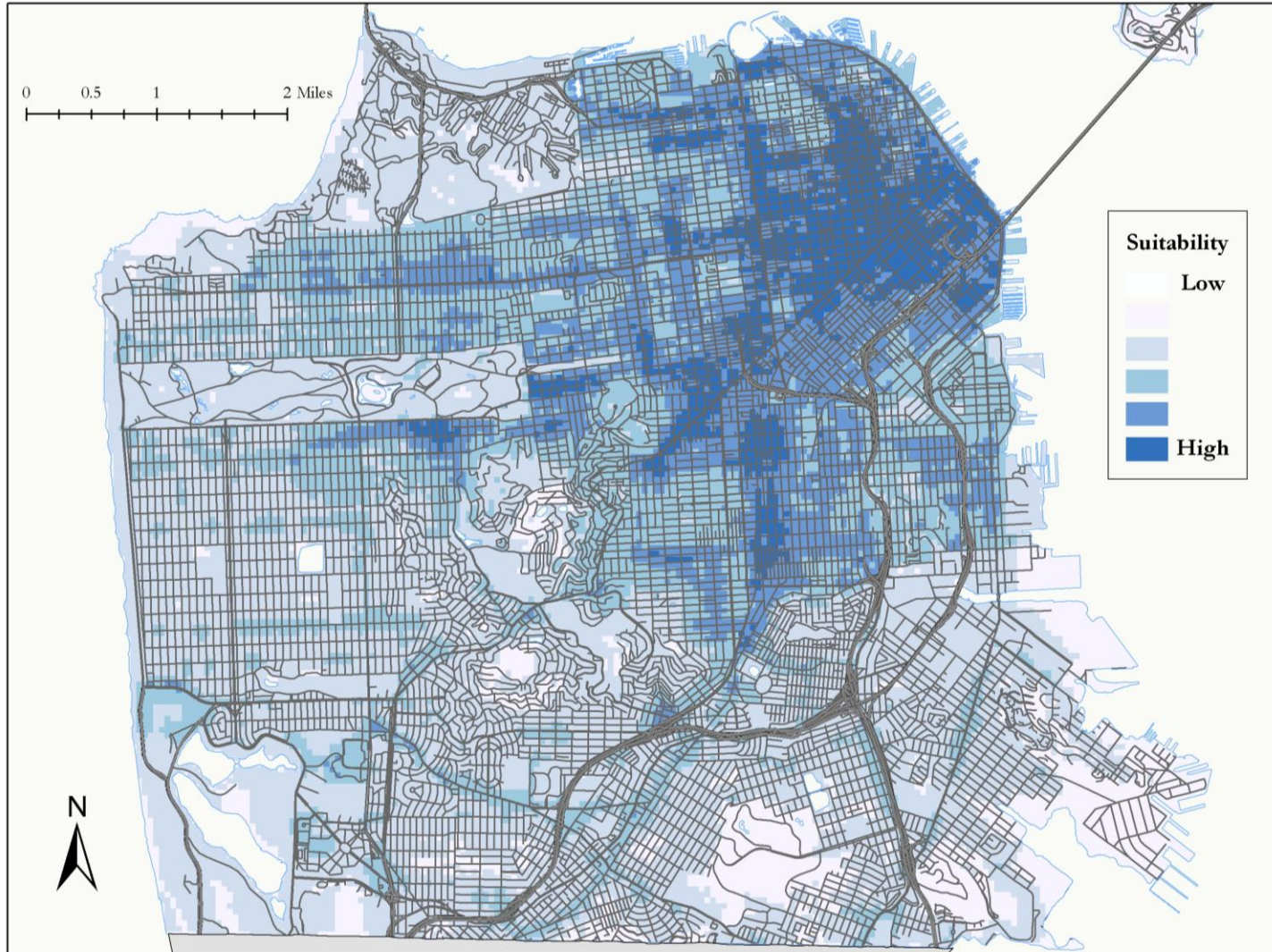


Bicycle Sharing Suitability Analysis

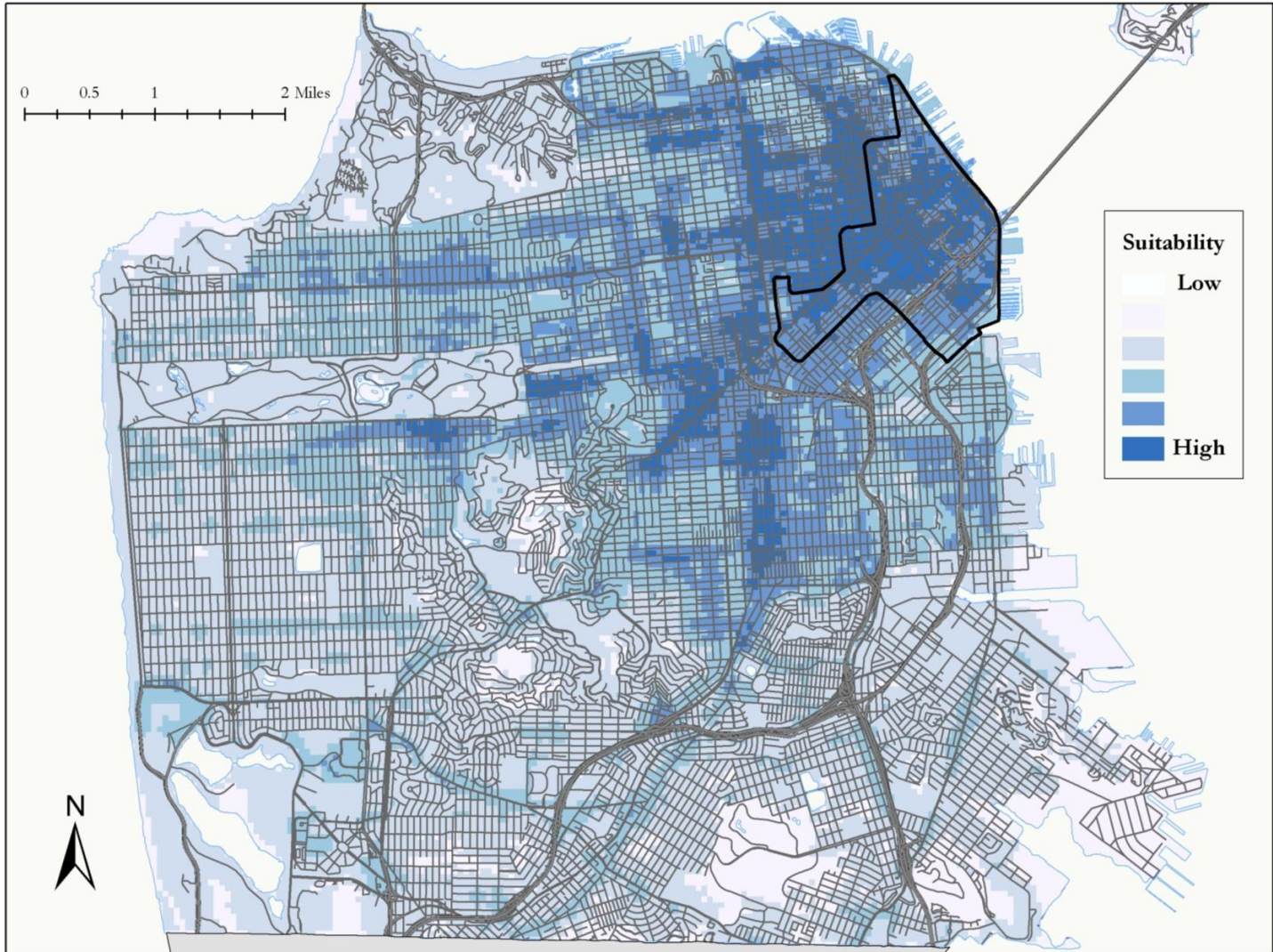
Raster-based GIS overlay using 11 factors:

1. Retail Job Density
2. Population Density
3. Employment Density
4. Zoning
5. Slope
6. Pedestrian Commuters per Square Mile
7. Bicycle Commuters/ Square Mile
8. Bicycle Infrastructure
9. Transit
10. Tourist Sites
11. Per Capita Income

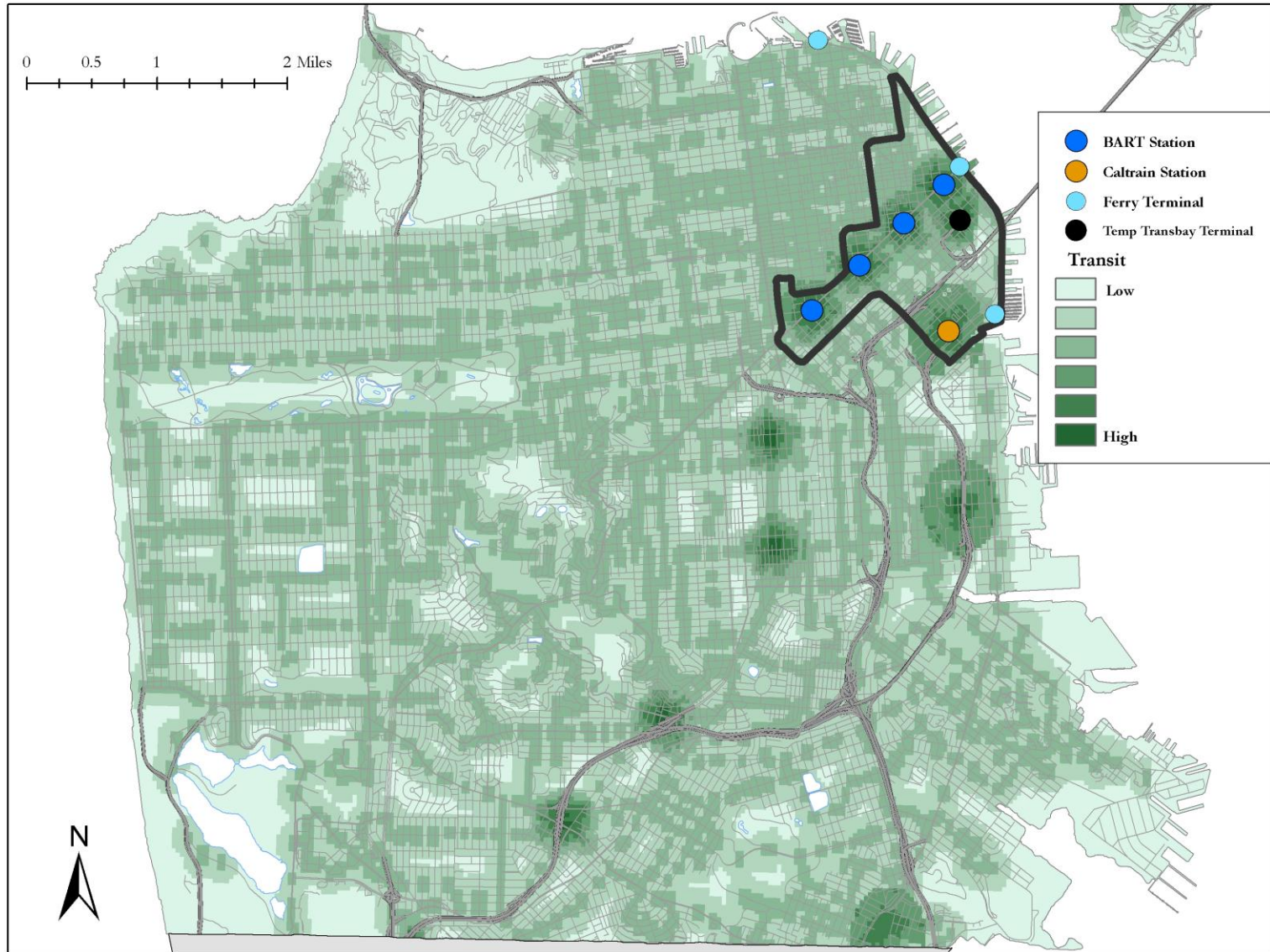
Citywide Bicycle Sharing Suitability



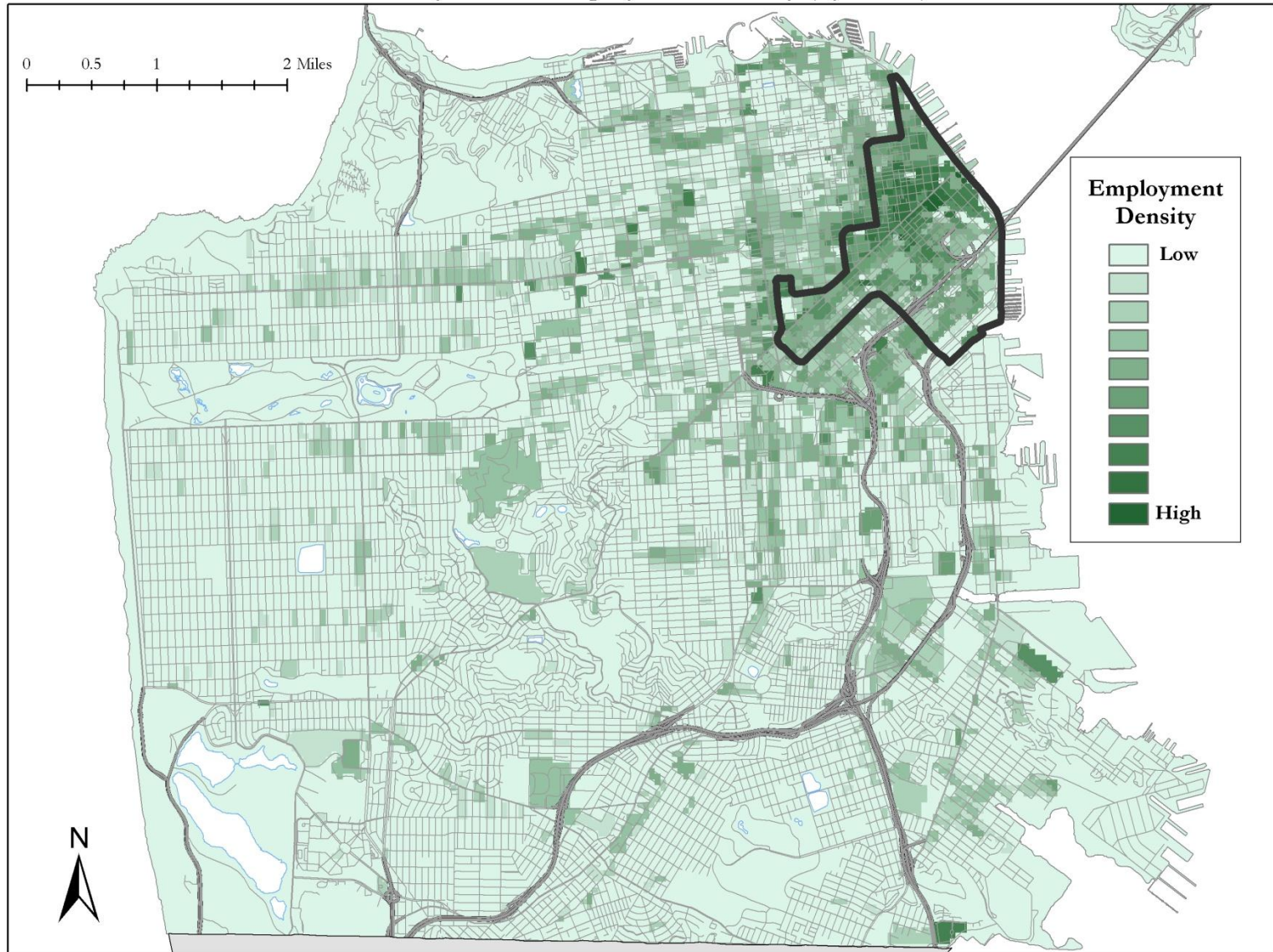
Citywide Bicycle Sharing Suitability



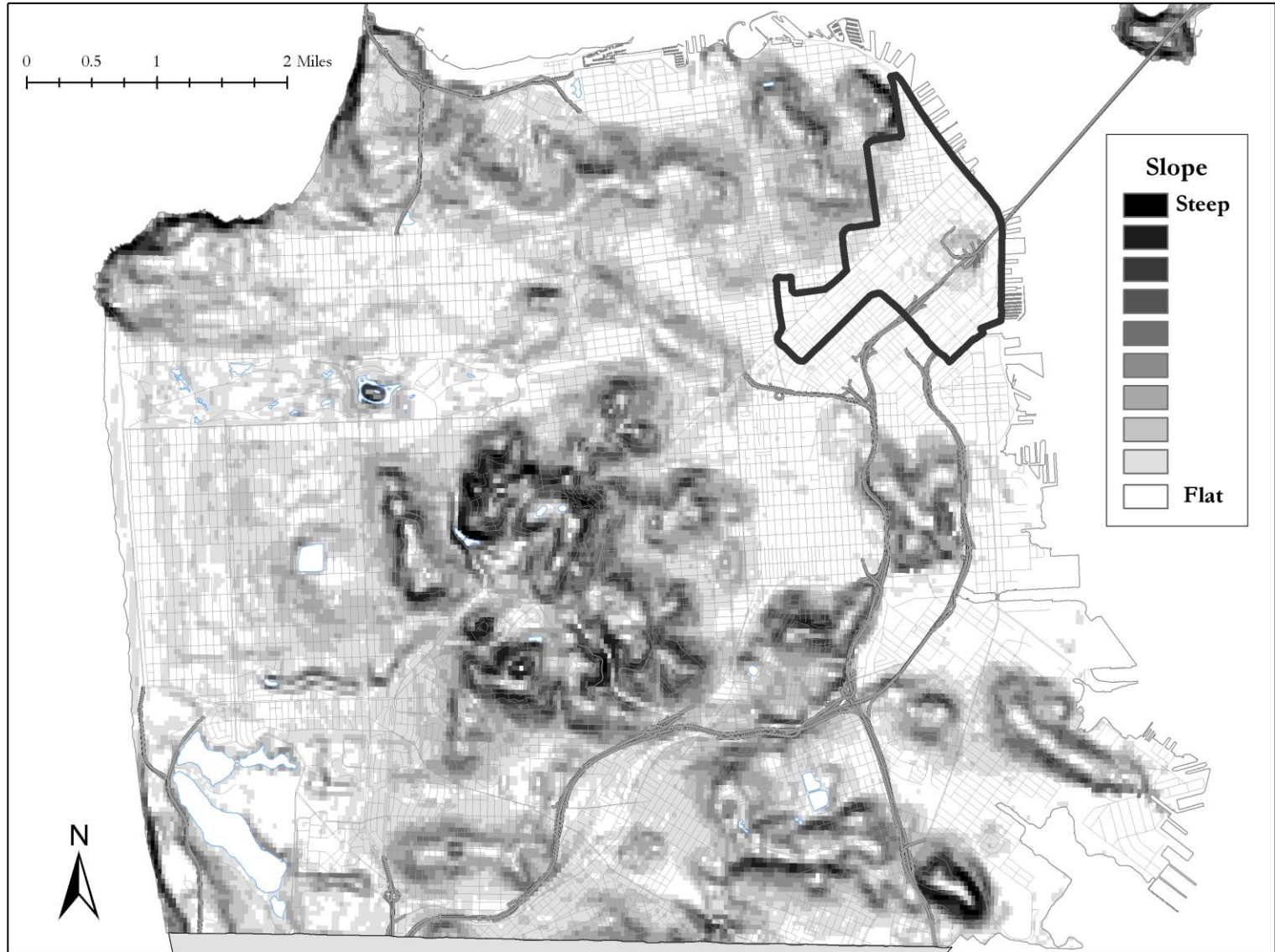
Suitability Factor: Transit



Suitability Factor: Employment Density (by Block)



Suitability Factor: Slope



Guiding Principle:

Bike Sharing Station Density is Key to Success

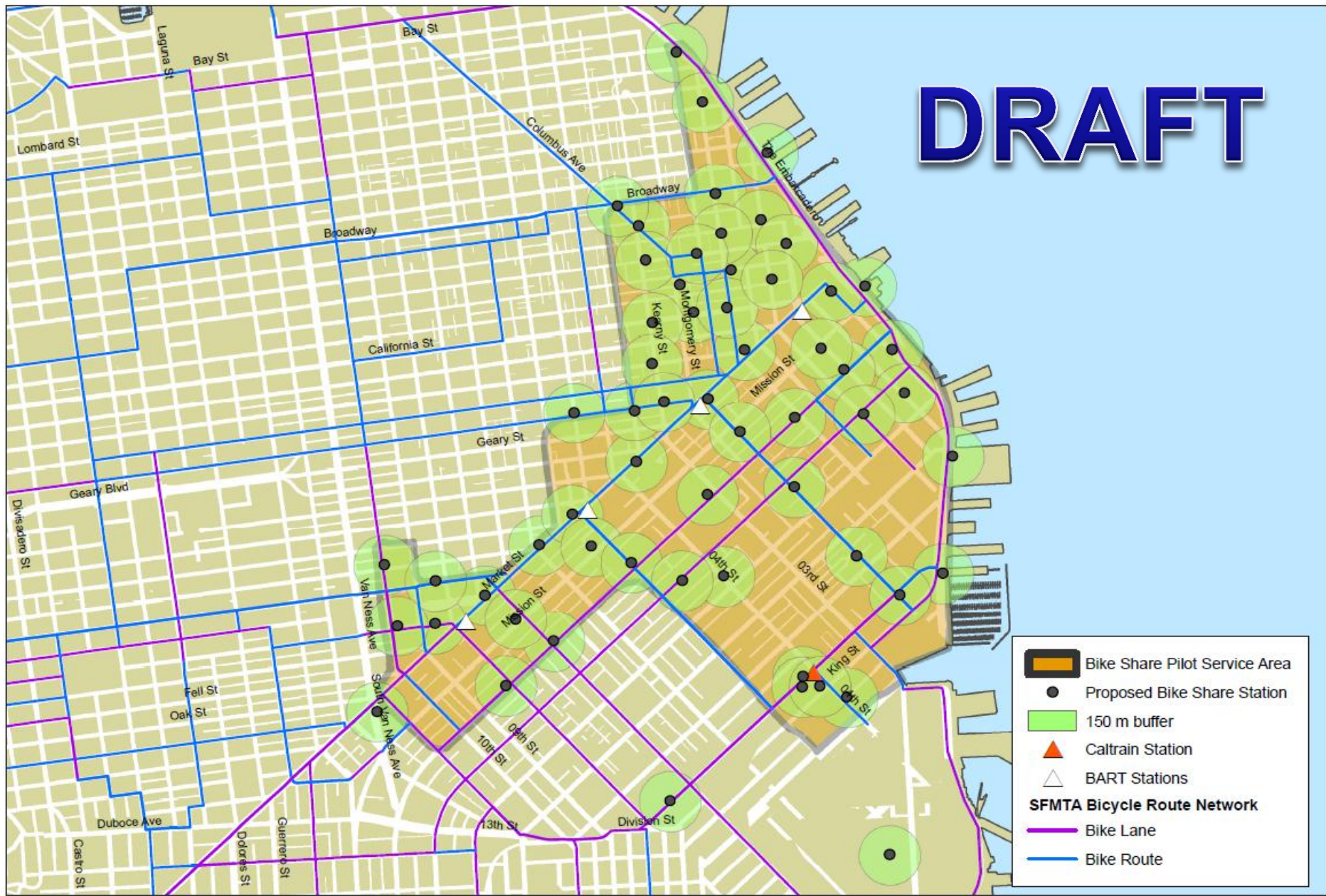
“The number one indicator of success is density of stations.”

Alison Cohen, President, *Alta Bike Share*

Station Spacing

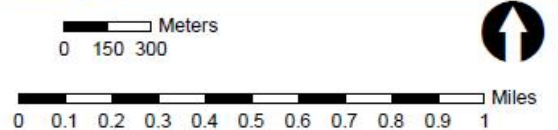
- Paris Benchmark: 300 meter grid
- 1 station every 2-3.5 blocks
- 28 stations per square mile
- 50 stations = 1.75 square mile service area

DRAFT



- Bike Share Pilot Service Area
- Proposed Bike Share Station
- 150 m buffer
- Caltrain Station
- BART Stations
- SFMTA Bicycle Route Network**
- Bike Lane
- Bike Route

San Francisco Bicycle Sharing 60 Proposed Stations as of 2/23/2012



Placing Stations

Toronto



Madison



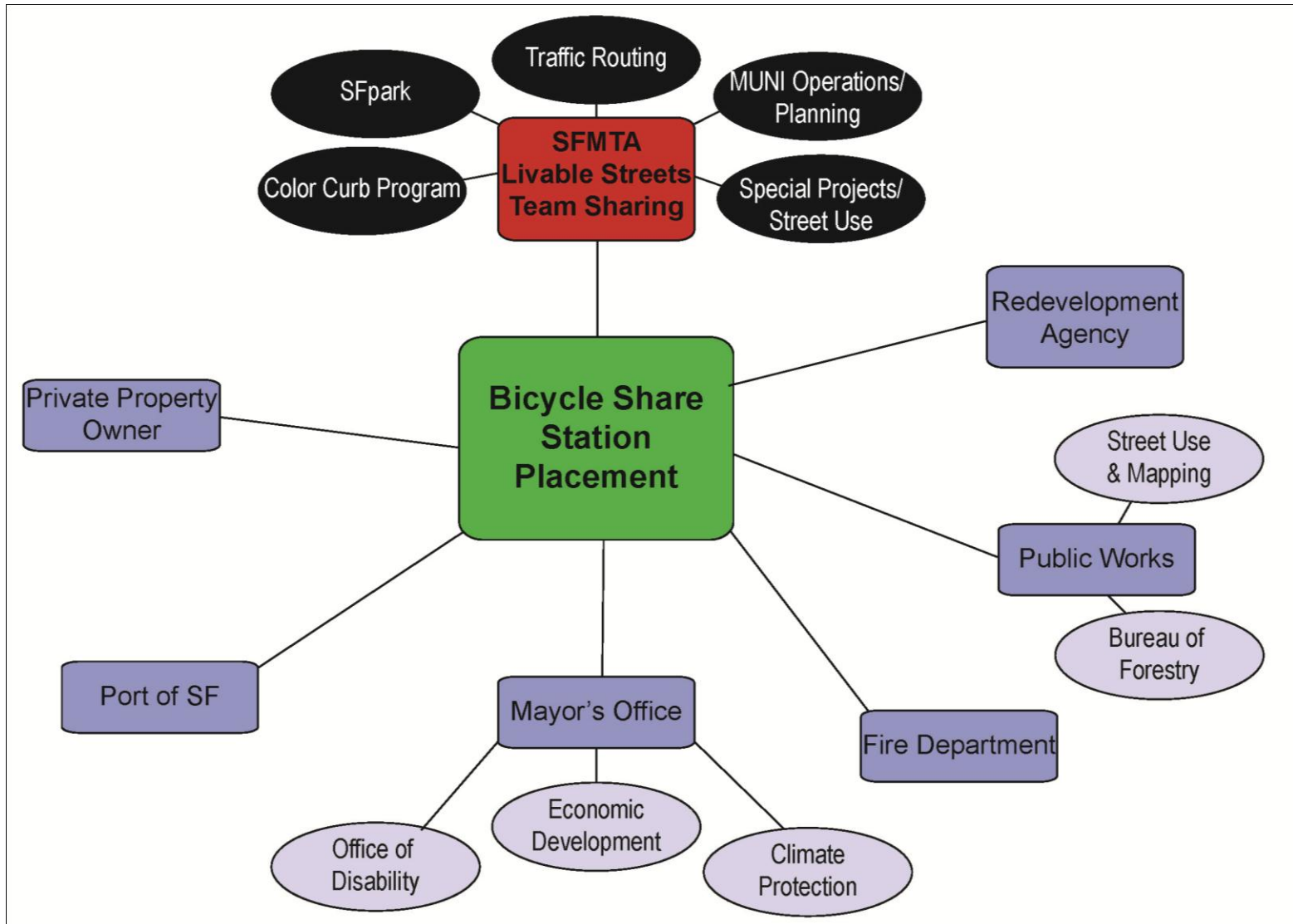
Station Setup



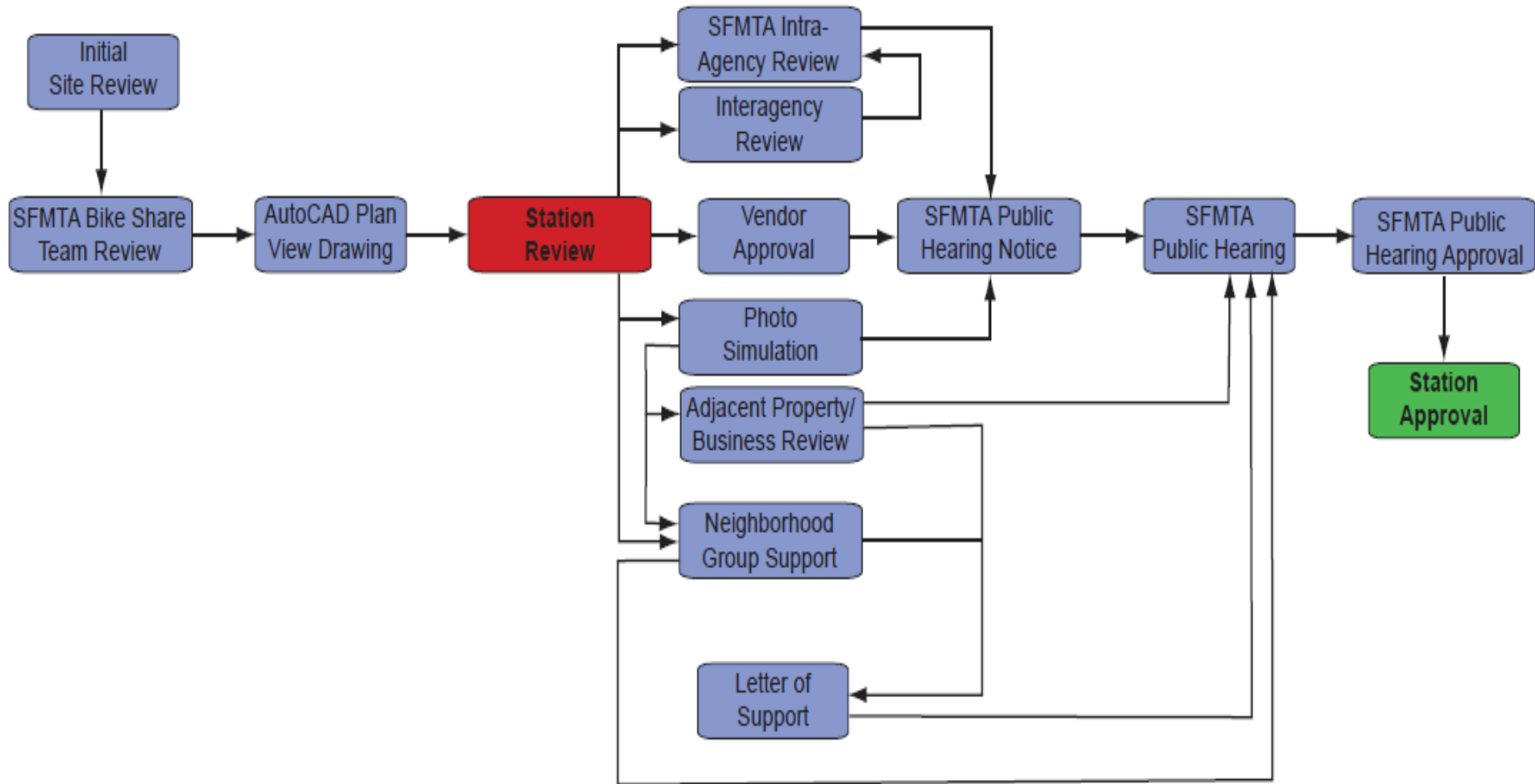
Initial Site Review Placement Guidelines

- Stations should be visible
- For sidewalk locations, preserve 6 feet of through space
- Stations should be placed at least:
 - **2 feet** from any standpipe, parking meter, mailbox, light post, utility vault, garbage can, news rack
 - **3 feet** from any driveway or wheelchair ramp
 - **5 feet** from any low pressure fire hydrant, MUNI shelter, advertising kiosk, or crosswalk
 - **8 feet** from fire escape/exit

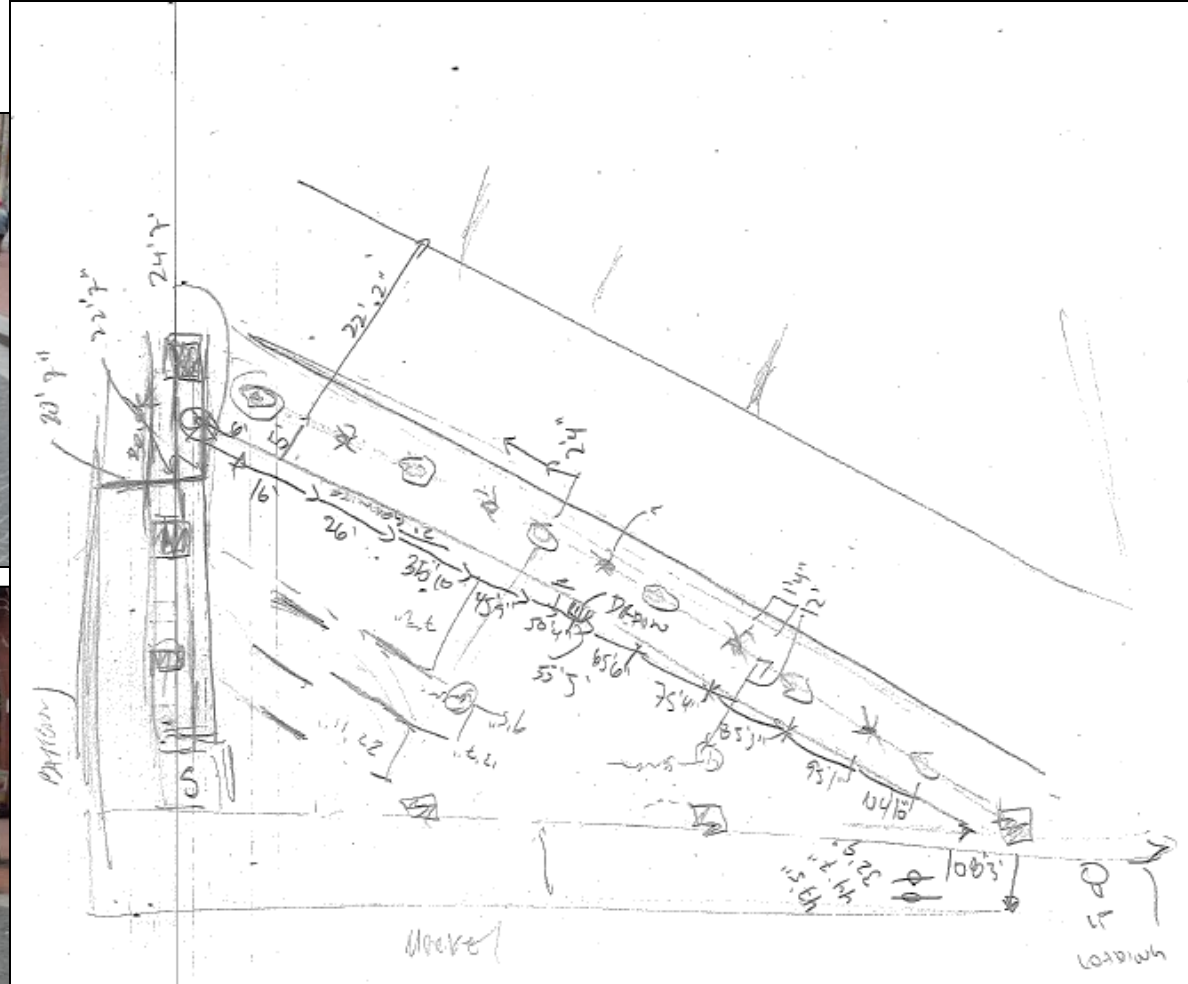
Inter- and Intra-Agency Coordination



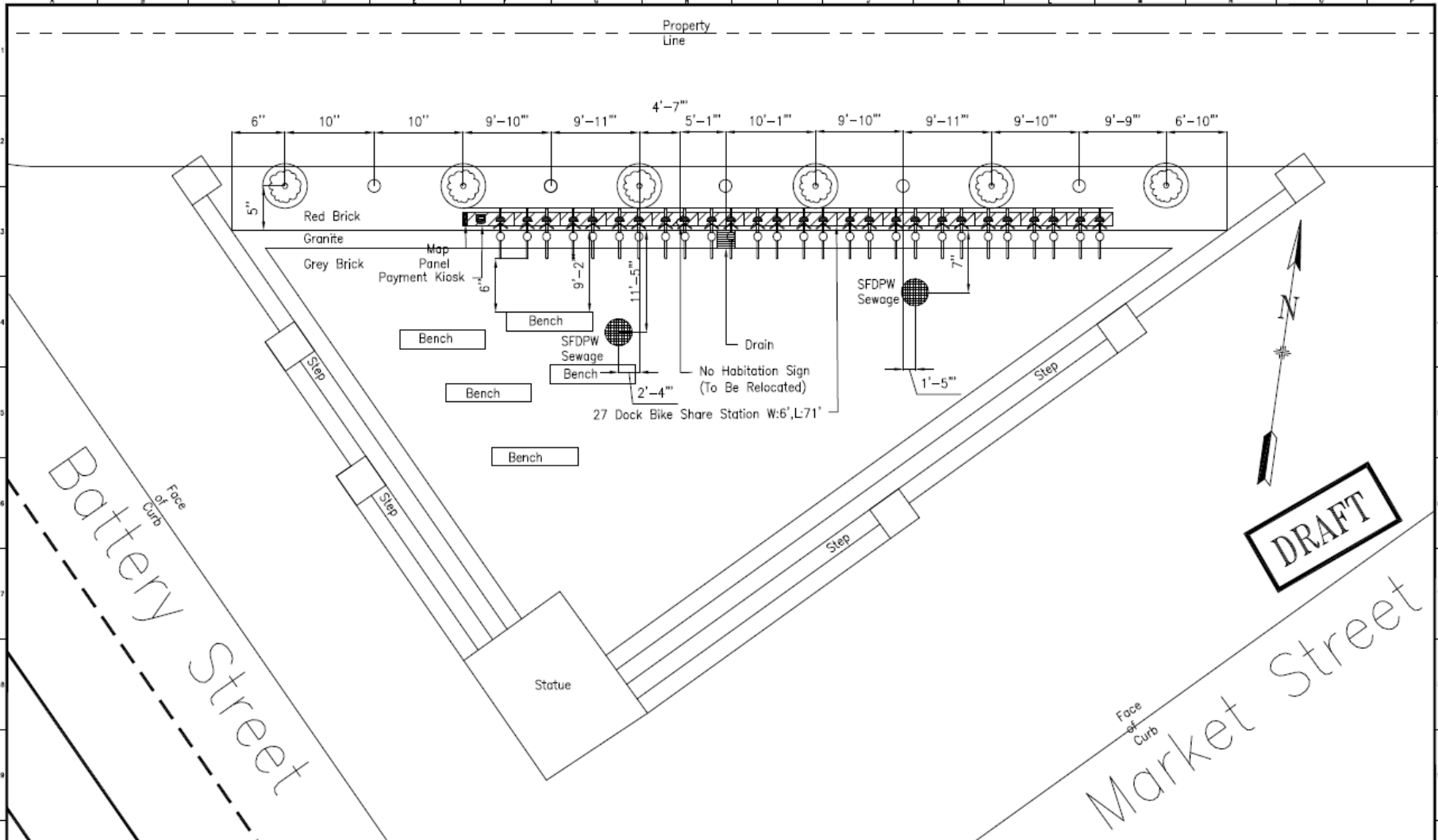
Station Approval Flow



Field Review



Station Plan View



DRAFT

NO.	DATE	DESCRIPTION	BY	APP.

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



SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED:	DATE:	APPROVED:	SCALE:
XX	--		1/8"=1'-0"
DRAWN:	DATE:	SECTION ENGINEER:	DATE:
XX	--		
CHECKED:	DATE:	CITY TRAFFIC ENGINEER:	DATE:
XX	--		

San Francisco Bike Share Pilot
Market Street
Bike Share Stations
Market 2
Battery and Market
Mechanics Plaza

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

Photo Simulation



Public Notice for Public Hearing

Division of Sustainable Streets – Livable Streets
 San Francisco Municipal Transportation Agency
 One South Van Ness Avenue, 7th Floor
 San Francisco, CA 94108-5417

IMPORTANT NOTICE CONCERNING YOUR RIGHTS

September 9, 2011
 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 bicycle sharing station at the north east corner of 1st Street and Howard Street. A photograph of the Surface Mounted Facility (BMF) and the specifications for the BMF are shown below.

This bicycle sharing station is part of a 50-station system that will be located throughout downtown San Francisco. This station will have 27 docks to hold bicycles for public use. The station will have a solar and battery powered payment kiosk with a solar mast and a system map panel. This station location was selected because it is in close proximity to transit connections, bicycle facilities, and employment and residential centers and provides the best access to potential users of the system. The station is optimally placed in the furniture zone of the sidewalk and out of the general pedestrian path of travel. For additional information about San Francisco's bicycle sharing program, please visit <http://www.sfmta.com/bikeshaing>.

If you object to the installation of the BMF, you must notify the DPW of your objections either by phone at 415.554.5310 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 BMF 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 BMF at the hearing should you choose to attend.

Thank you.

Heath Maddox
 Division of Sustainable Streets – Livable Streets
 Municipal Transportation Agency
 One South Van Ness Avenue, 7th Floor
 San Francisco, CA 94108-5417
 415.701.4605



Kiosk Is: 17'w x
 65'h x 16'd
 Total Height (Kiosk
 + Solar Panel):
 123'h
 Map Panel Is: 12'w
 x 80'h x 33'd



Heath Maddox

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415.701.4605

<http://www.sfmta.com/bikesharing>