

Fw: To City Council April 6, 2020: San Mateo Bicycle Master Plan and Climate Action Plan

Erin Fellers <efellers@cityofsanmateo.org>

Wed 4/8/2020 1:54 PM

To: Erin Fellers <efellers@cityofsanmateo.org>

 1 attachments (3 MB)

Policy -Green Streets - Sierra Club 4-6-20.pdf;

From: Gita Dev <gd@devarchitects.com>

Sent: April 6, 2020 5:17 PM

To: Clerk <clerk@cityofsanmateo.org>

Cc: Schneider, Nancy <hnschneider@astound.net>; James Eggers <james.eggers@sierraclub.org>; Barbara Kelsey <barbara.kelsey@sierraclub.org>; 'Sierra Club Chair Trans Gladwyn d'Souza' <godsouza@mac.com>; Ken A red <k.abreu@sbcglobal.net>

Subject: To City Council April 6, 2020: San Mateo Bicycle Master Plan and Climate Action Plan

Importance: High

April 6, 2020

City of San Mateo

Members of the City Council.

This is in reference to the **Bicycle Master Plan as well as the Climate Action Plan.**

Before these are finalized, we would like to request that the Sustainable Green Streets Concept be reviewed for inclusion in both these documents.

While each concept presented is not new, the policy of integrating these concepts into a new Sustainable Green Street network brings together many strands that address the GOALS of both the Bicycle Master Plan as well as the Climate Action Plan. It requires a policy for departments to work together on integrated street solutions rather than in their traditional silos.

I am attaching a VERY SHORT presentation that would have been presented at the Sustainable Green Streets Symposium, organized by about 20 different groups, for March 12th - but which has been postponed to September because of COVID.

- We believe it can have a major impact on your **Bicycle Master Plan** and **Climate Action Plan** to have a Sustainable Green Streets network and policy in place.

Please advise on how best we can work with the City of San Mateo to ensure benefits for both Plans.

With Regards,

Gita Dev FAIA, Co-Chair

Sustainable Land Use Committee

Sierra Club Loma Prieta

415.722.3355



Guidelines for MASTER PLAN for a GREEN STREET NETWORK

Sierra Club Loma Prieta Chapter
Sustainable Land Use Committee



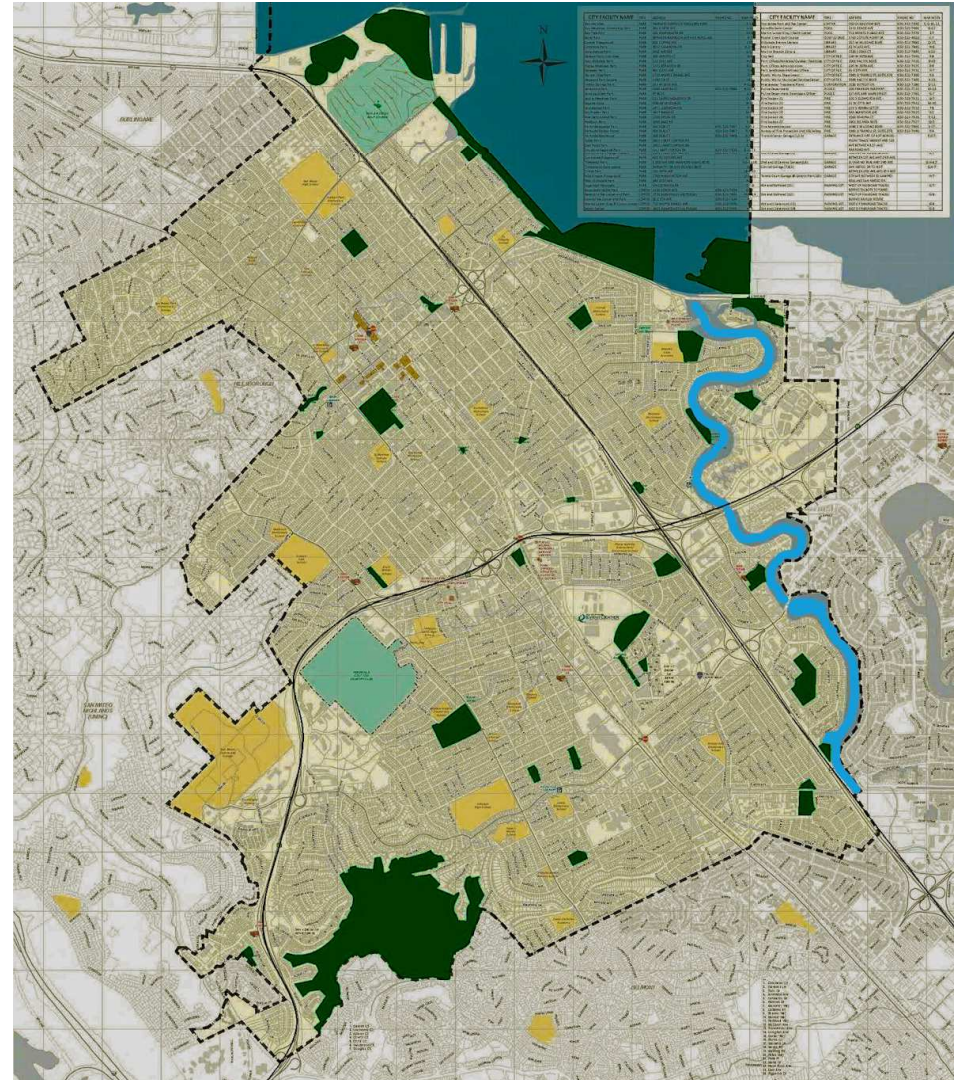
MARCH 12, 2020

Example:

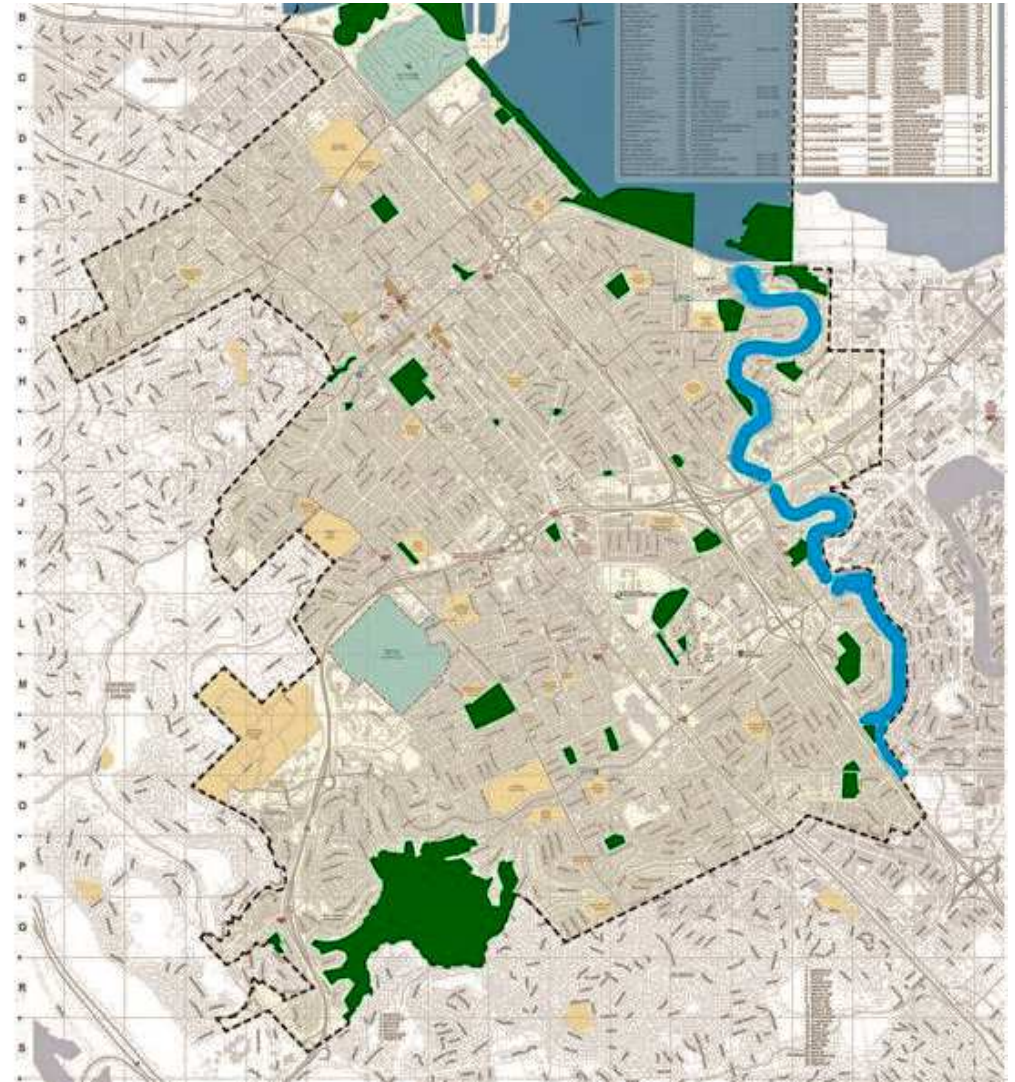
City of San Mateo

Green Streets Network
for
General Plan Amendment

*“Streets are a huge public asset that
should be more imaginatively
managed for greater benefit...”*

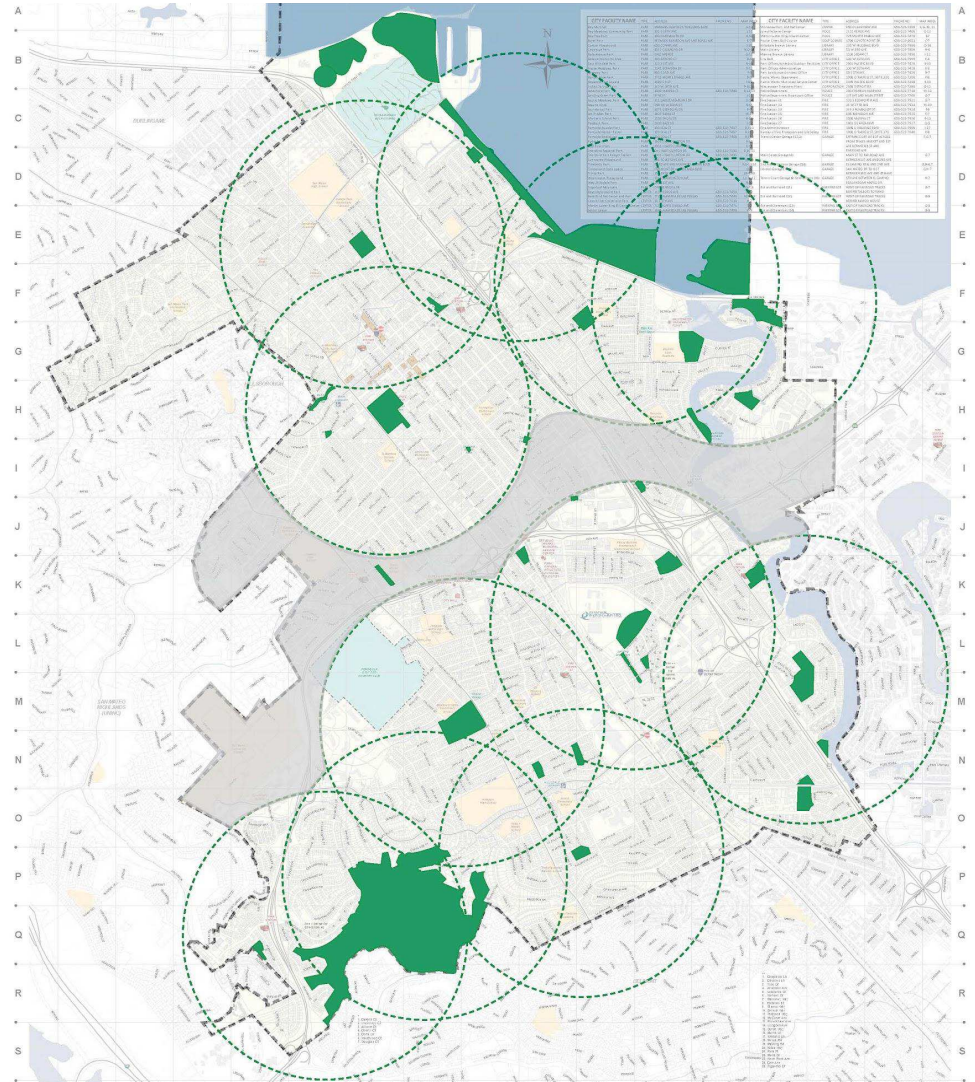


1. Identify Open Space: existing parks & creeks

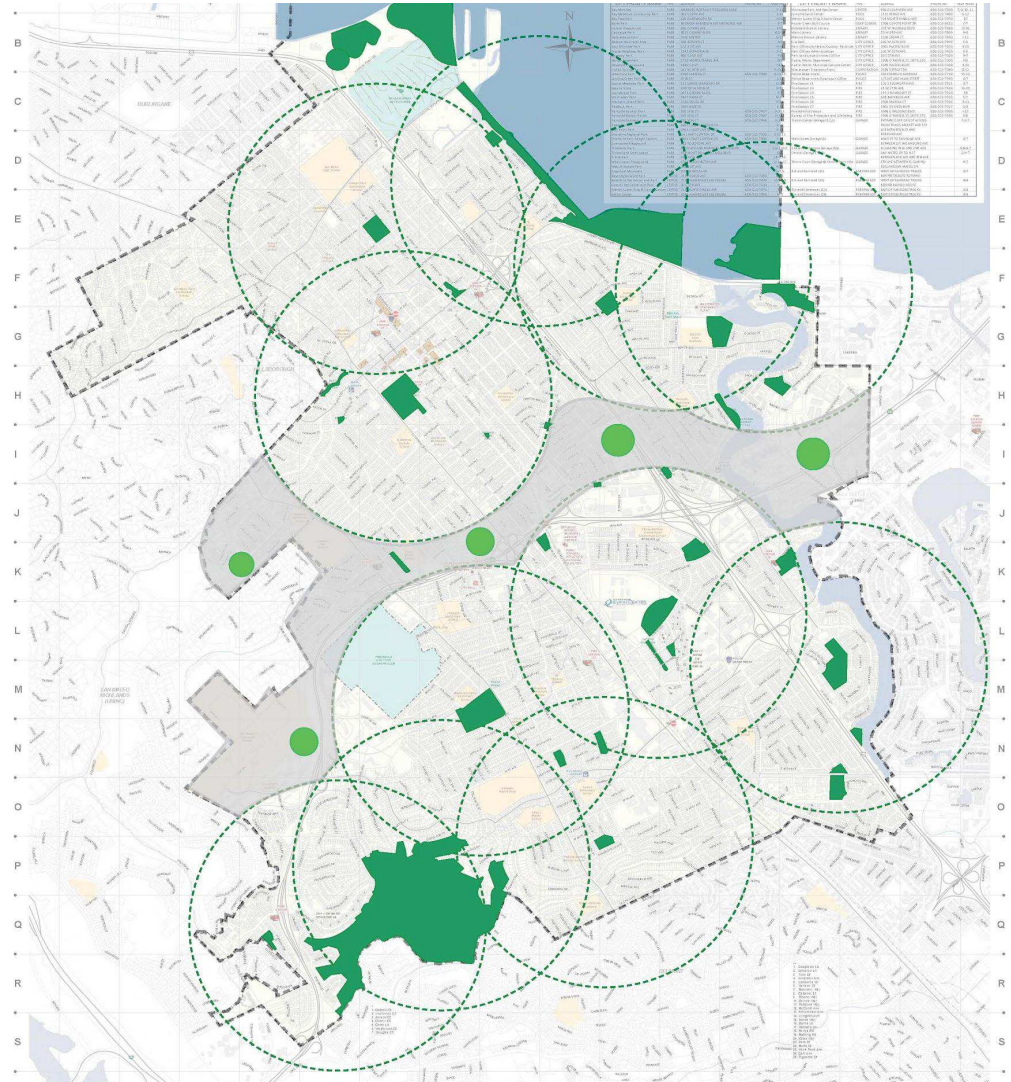


2. Add a 10-minute walkshed around existing parks

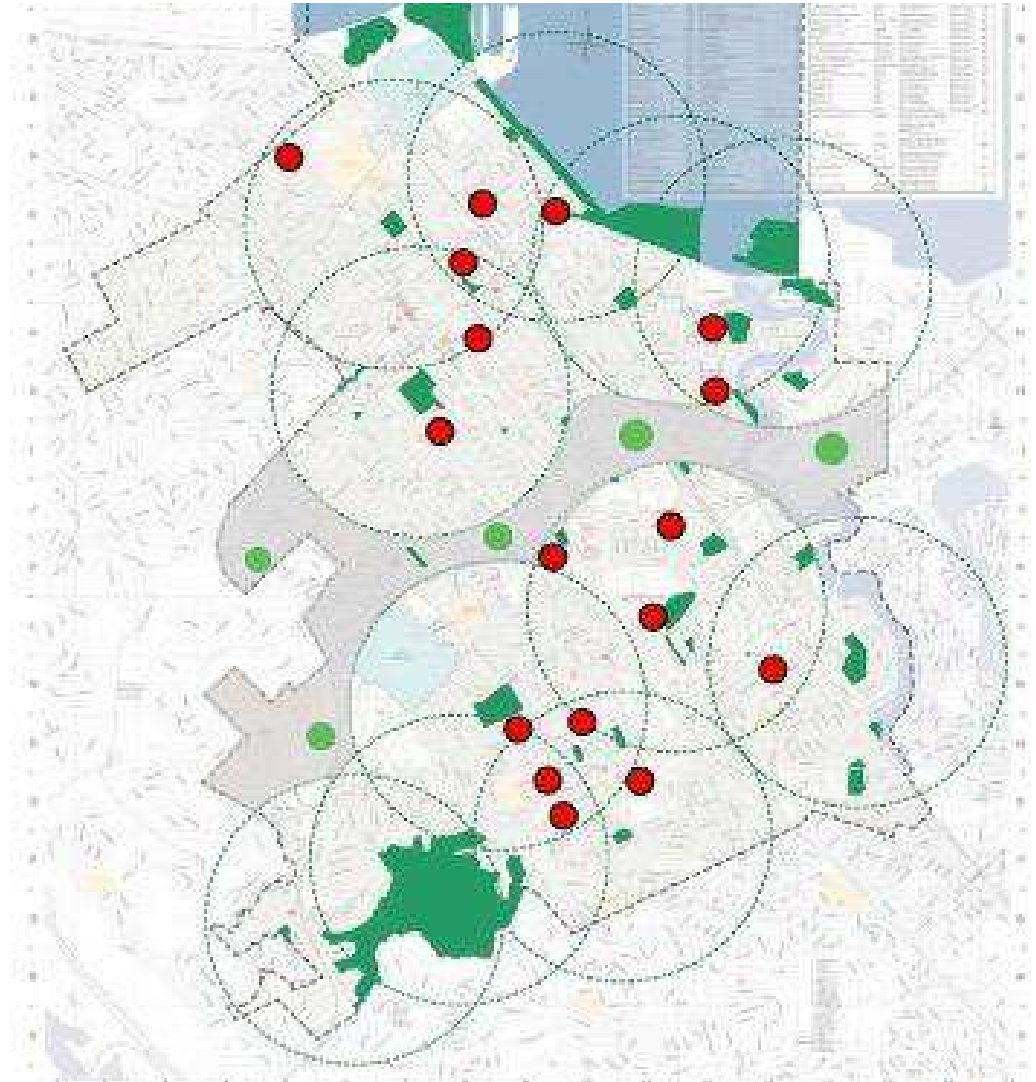
This shows areas that lack pedestrian access to parks



1. Open Space:
Identify existing parks & creeks
2. 10 minute walk shed around existing parks
3. **Plan new parks in these areas**

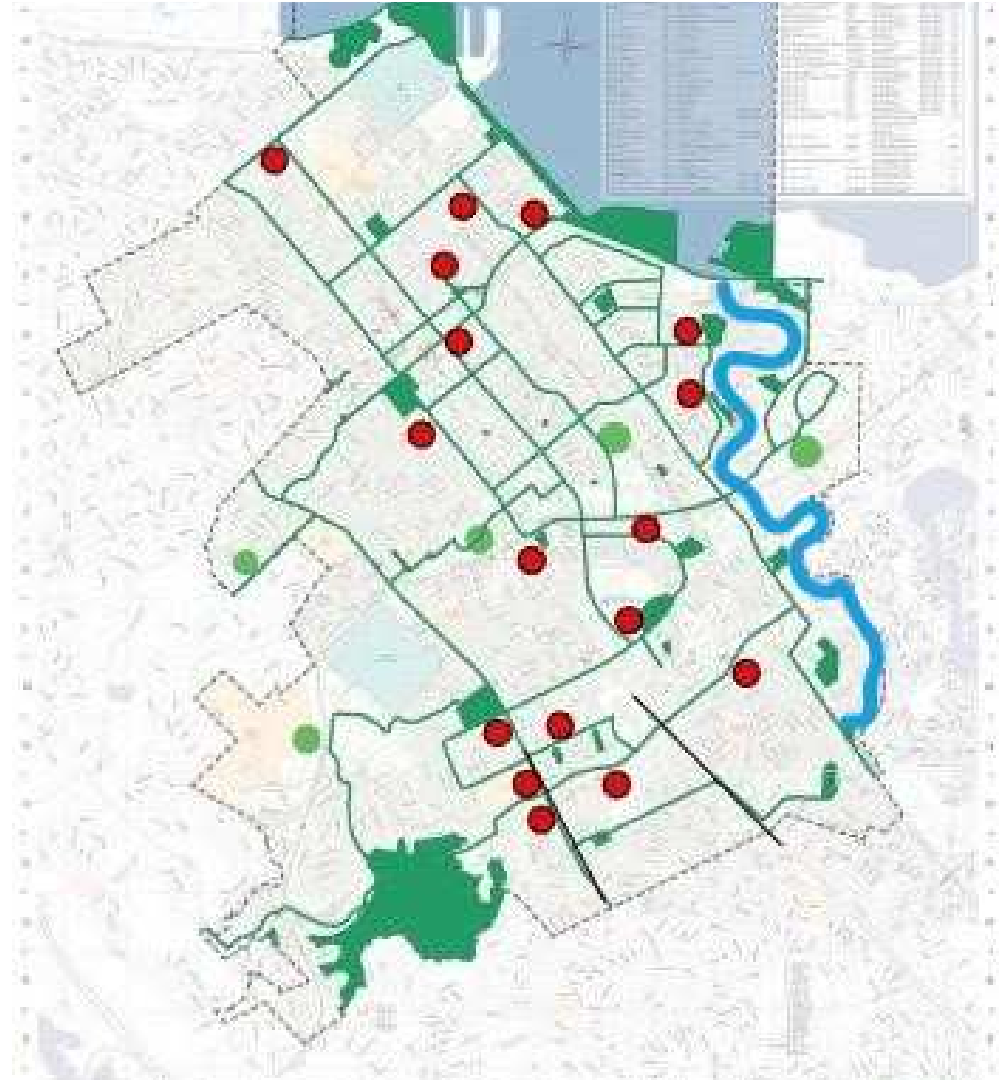


4. Add existing school sites



**5. Overlay a network of
pedestrian walks
and bikeways**

**Connect the
schools, parks,
creeks, and the Bay**



6. Plant large resilient trees along this network to provide shade

- . Beauty and comfort
- . Promote active lifestyle
- . Improve air quality
- . Provide wildlife habitat
- . Reduce heat island effect
- . Carbon sequestration

A connected network for walking & bicycling

Ecology corridors for wildlife



7. Green storm-water infrastructure is a high priority for green street network

- . Rainwater used to grow the trees and plants
- . Clean storm water to creeks and bay
- . Recharge groundwater



8. Create healthy Ecology /Habitat Corridors

**Use native and high
habitat-value planting**

- . Trees**
- . Shrubs**
- . Groundcovers**

**Improve the environment
for birds, insects &
pollinators**



9. Slow down auto traffic on green streets:

- . Max. speed 15-20 mph**
- . 2-lane traffic max**
- . Narrow lane width to 10'**

Create a SAFE connected network for walking and bicycling thru the city



Active transportation reduces VMT & GHG

- Safety - top priority
- Vision Zero

Plan ahead - for significant growth in “active transportation”



Active transportation reduces VMT & GHG

- Safety - top priority
- Vision Zero
- **Safe Routes to
school uses green
network**



10. Underground utility lines along green corridors:

Aerial utility lines

- . Conflict with tree canopy**
- . pose a fire hazard**



Provide incentives for property owners along the corridor to replant with native landscaping for habitat





**Create a policy
to require city departments work together
rather than in silos
to
Invest in integrated solutions
for
our largest public asset - streets**

**“Sustainable Green Streets”
create
Resilient Communities**



Photo: dwerwater.com