Green Connections

Kearstin Dischinger, SF Planning Department
Project Team: Lily Langlois, Paul Chasan, Lisa Chen, Adam Varat
What is a Green Connection?

A Green Connection is a special street or path that connects people to parks, open spaces, and the waterfront, while enhancing the ecology of the street environment.

Project goals:

Public Health: *Increase active transportation to parks*
Sustainability: *Enhance urban ecology*
Livability: *Support neighborhood stewardship and placemaking*
Public Health:
*Increase active transportation to parks*
Sustainability:
Enhance Urban Ecology

Shotwell Street, SF
Livability:
Support neighborhood stewardship and placemaking

Quesada Avenue, SF
Quesada Avenue: Existing
Quesada Avenue: Envisioned as a Green Connection
Key Project Deliverables

- **Green Connections Network**: 24 routes, 115 miles

- **Tools for Implementing the Network**:  
  - Design Toolkit  
  - Plant List & Ecology Guides  
  - Community Resource List

- **Concept Designs**: Designs for 6 focus neighborhoods
Planning Process
Project Team & Partners

SAN FRANCISCO PLANNING DEPARTMENT

SFMTA | Municipal Transportation Agency

Community partners:

Funded by:
**Design Toolkit: 19 Street Typologies**

**Toolkit Element: Partial Diverters**

- **Active Transportation**
  - Support Pedestrians: ★★★★★
  - Support Bikes: ★★★★
  - Calm Traffic: ★★★★★

- **Urban Ecology**
  - Manage Stormwater: ★★★★
  - Enhance Habitat: ★★★★

- **Neighborhood Stewardship and Placemaking**
  - Potential Increase in Usable Public Space: ★★★★★

- **Ability to Implement**
  - Cost Effective (Low cost scores highly): ★★★★★
  - Ease of Maintenance: ★★★★

**Traffic and Parking Considerations**
- Potential Parking Loss at Intersection
- Restricts Some Auto Access

*Conceptual rendering, SFPUC, Tiffany Avenue and Duncan Street*
Example Concept Design: Oakdale Avenue

**NEIGHBORHOOD SNAPSHOT**

- 88% of residents are non-white
- 51% of units are owner occupied
- 34% of residents use transit or walk to work
- 14% of residents are unemployed
- 33% are foreign born

**PROPOSED STREETSCAPE**

- 64 New Street Trees
- 7,500 ft² Sidewalk Gardens
- 4 New Corner Gardens
- 17 New Pedestrian Streetlights
How will Green Connections be implemented?

- **City-led** complete streetscape projects
- Coordination with **private development**
- **Community-led** Projects
City-led example: The Wiggle

- Redesign led by SFMTA, SFDPW, & SFPUC
- Links Market St to Golden Gate Park
- Focus on active transportation & stormwater
Community-led examples
Ecology Guides: route-specific information

YOSEMITE CREEK
SPECIES: RED-WINGED BLACKBIRD

MISSION TO PEAKS
SPECIES: ANISE SWALLOWTAIL

EACH ECOLOGY GUIDE INCLUDES:
A description of the route's Key Species or Key Habitat, and the important role it plays as part of the larger urban ecosystem.

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A description of places along the route, including parks, schools, and neighborhood commercial districts.

Descriptions of:
- Associated Plants & Animals
- Design and habitat considerations
- Resident or Migratory
- Diet
- Nesting information, where applicable
- Additional Habitat Plants
Community Resource List

Example:

Urban Watershed Stewardship Grants

Agency: San Francisco Public Utilities Commission (SFPUC) / San Francisco Office of the City Administrator

Type: 🌿.annotation

Description: The Urban Watershed Stewardship Grant (WSG) Program is a partnership between the Community Challenge Grant Program and the San Francisco Public Utilities Commission. The WSG Program was developed specifically for community-based projects that help manage stormwater using ecologically based strategies known as green infrastructure. The WSG Program funds projects that harvest rainwater, remove impervious surfaces, or implement other green infrastructure like bioswales and rain gardens. See the PUC website for a full list of awarded projects.
Next Steps

- Incorporated into the General Plan
  - ROSE element

- Implement improvements
  - City projects
  - Community projects
THANK YOU!

Download the plan at: greenconnections.sfplanning.org