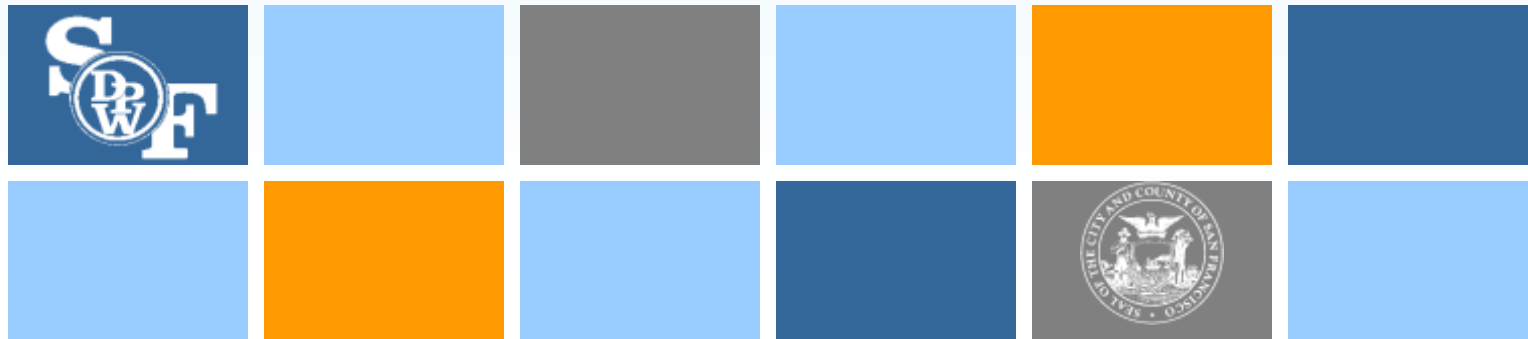


Taraval Streetscape Project



TONIGHT'S AGENDA

- WELCOME & INTRODUCTIONS
- SUPERVISOR KATY TANG
- INVEST IN NEIGHBORHOODS PROGRAM – JORGE RIVAS
- STREETScape PRESENTATION – DPW STAFF
- DISCUSSION
- NEXT STEPS

PROJECT BUDGET AND SCHEDULE

- Total Project Budget: \$1.6M
 - Funded by the 2011 Road Repaving & Street Safety Bond
- Project Schedule:
 - Planning: Dec 2012 - April 2013
 - Design: April 2013 - Dec 2013
 - Construction: January 2014 - August 2014



Community Meeting #1 Feedback

Summary of comments:

1. Neighborhood Identity:

- Quiet / Serene / Safe / Low Key
- Convenient: Food / Shops/ Transit
- Retro / Beachy / Arty / Funky

2. Needs more:

- Seating & Meeting Areas (Parklet)
- Planters & Landscape
- Art

3. Attract New Businesses & People to Taraval

4. Parking & Traffic Needs:

- Better Signage
- Improved Beach Connection
- Parking for Local Residents

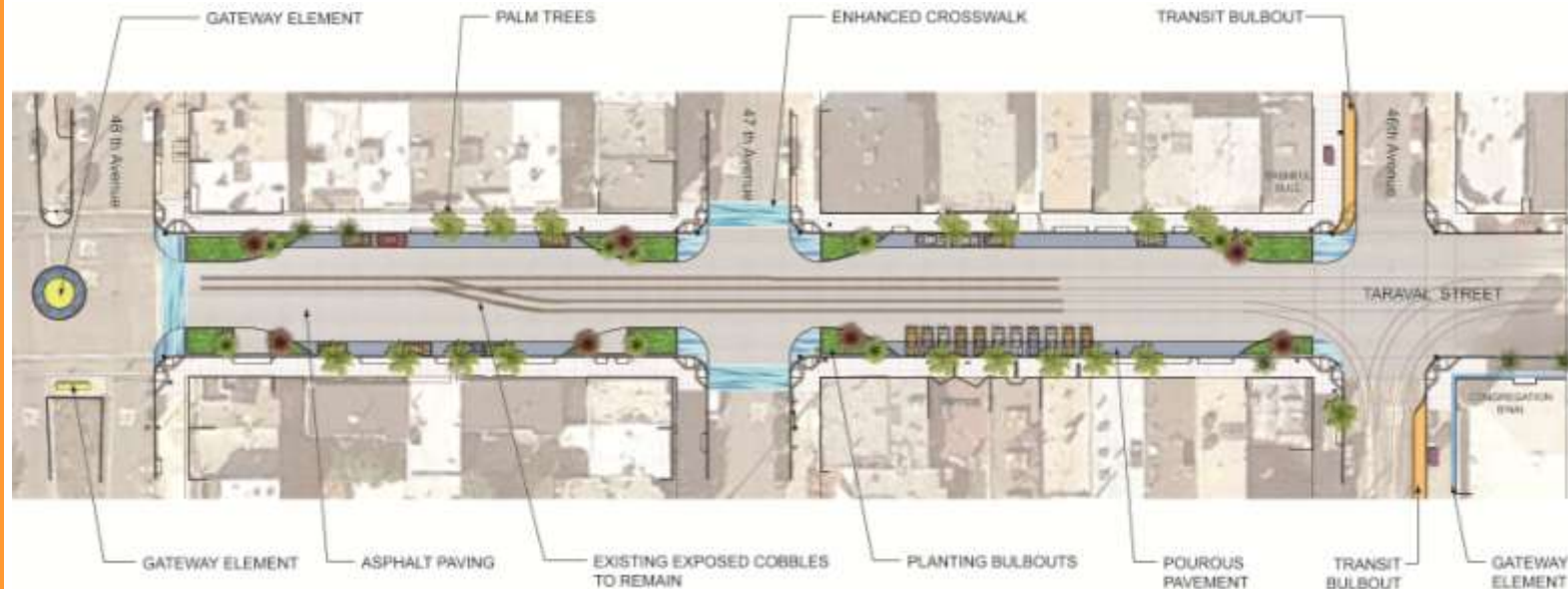
5. Clean , Repair and Paint

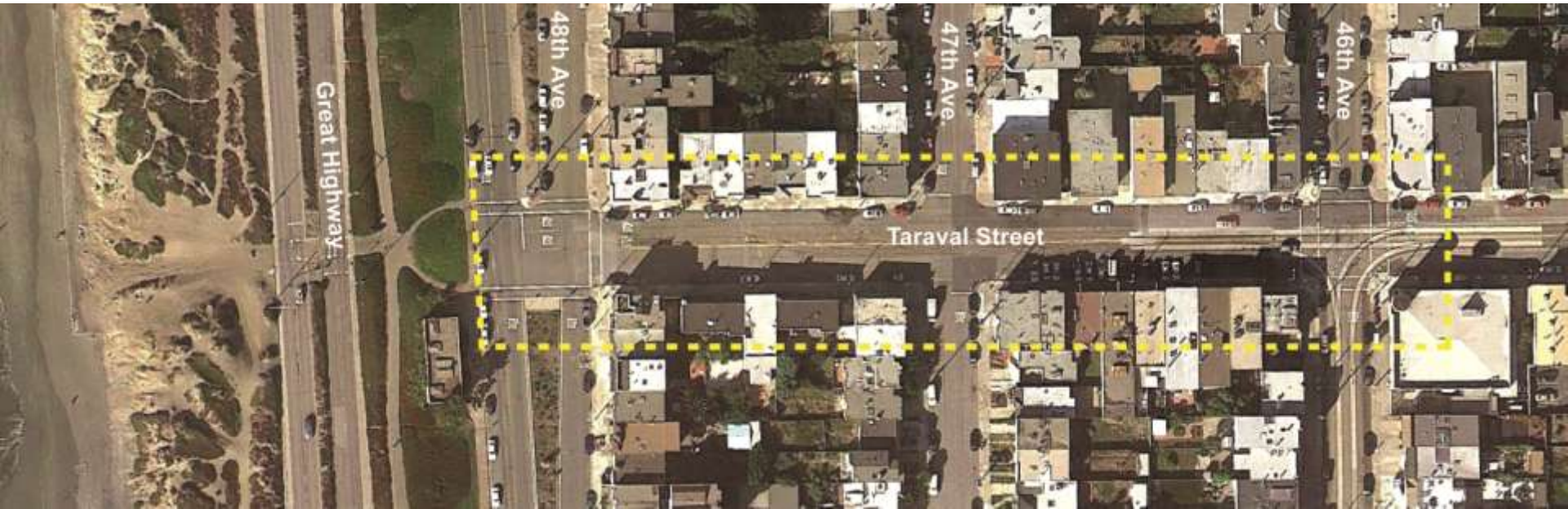
- Litter Removal (more Trash Receptacles)
- Sidewalk & Pothole Repair
- Building Façade Improvements

Community Meeting #2 Feedback

- Street trees
- Gateway feature location
- Seating area should be in sunny location
- More planting-less parking
- Like mural on Congregation B'nai
- Bring color to Taraval
- Project/Plant Maintenance
- Keep cobblestones at muni tracks
- Use improvements to help curb trash and graffiti problems

Preliminary Plan-February 2013





- Project includes Taraval from 46th to 48th streets



+/- 60' Roadway



+/- 10' Sidewalks

- Lack of green space
- Dominant roadway
- Poor road condition
- Fractured surface
- Faded lane striping





- Parallel and perpendicular parking conditions

- Worn sidewalk in disrepair
- Multiple colors and finishes



Taraval Streetscape Project

Existing Conditions

Department of Public Works



• 48th and Taraval: Beach Gateway



• 46th and Taraval: Transit Oriented

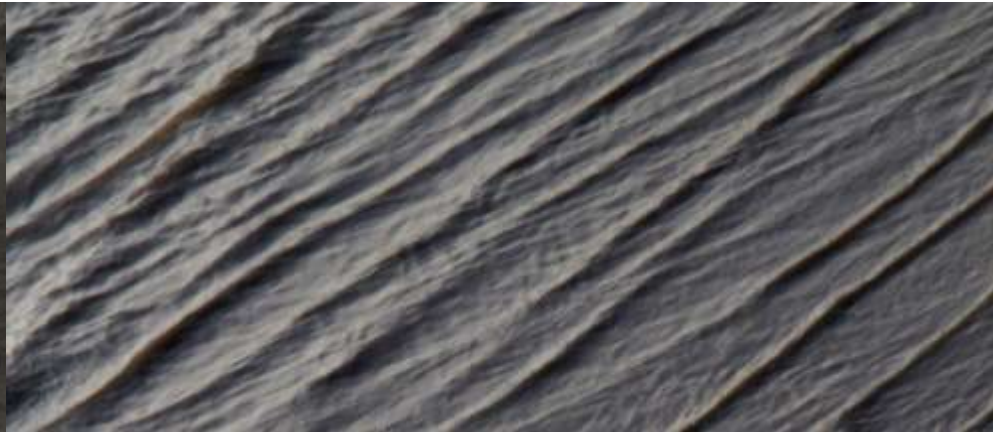
Design Inspiration



Taraval Streetscape Project

Design Inspiration

Department of Public Works



Taraval Streetscape Project

Design Imagery
Department of Public Works



Taraval Streetscape Project

Design Imagery

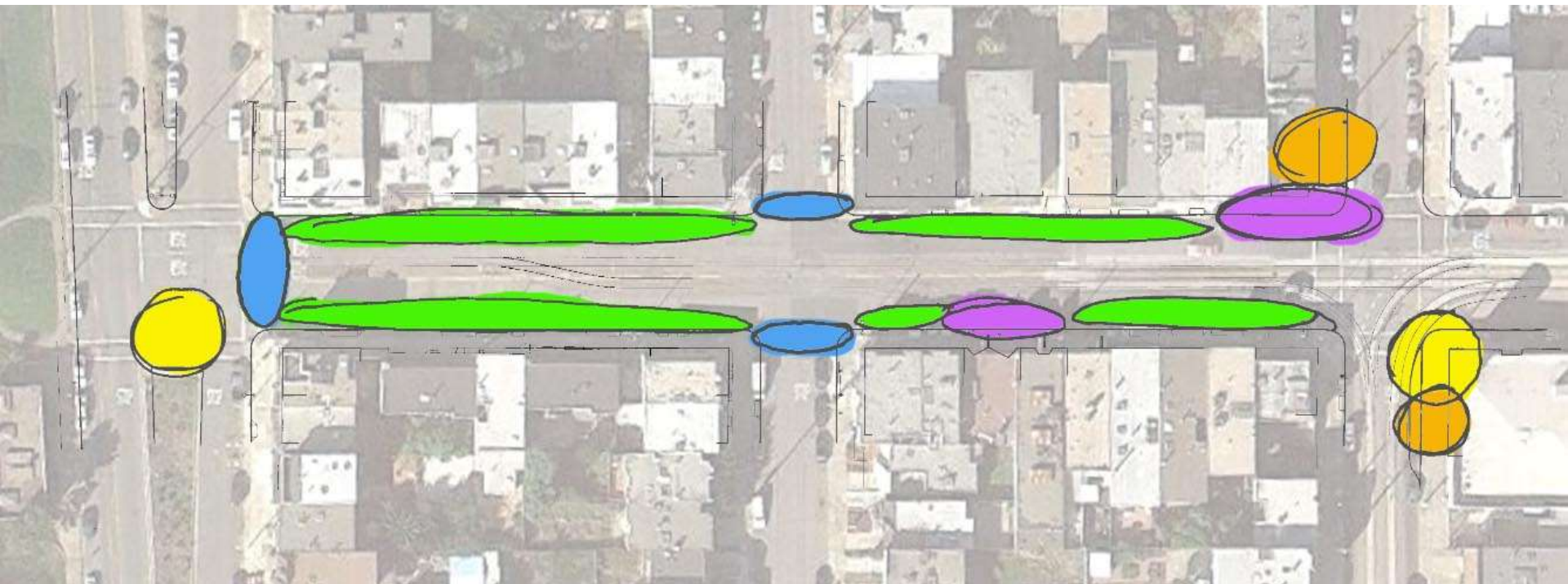
Department of Public Works



Taraval Streetscape Project

Design Imagery

Department of Public Works



Legend

-  Planting Zone
-  Crosswalk Treatments
-  Potential Parklet Locations
-  Existing Transit Stop
-  Gateway Element



Taraval Streetscape Project

Preliminary Plan Overview

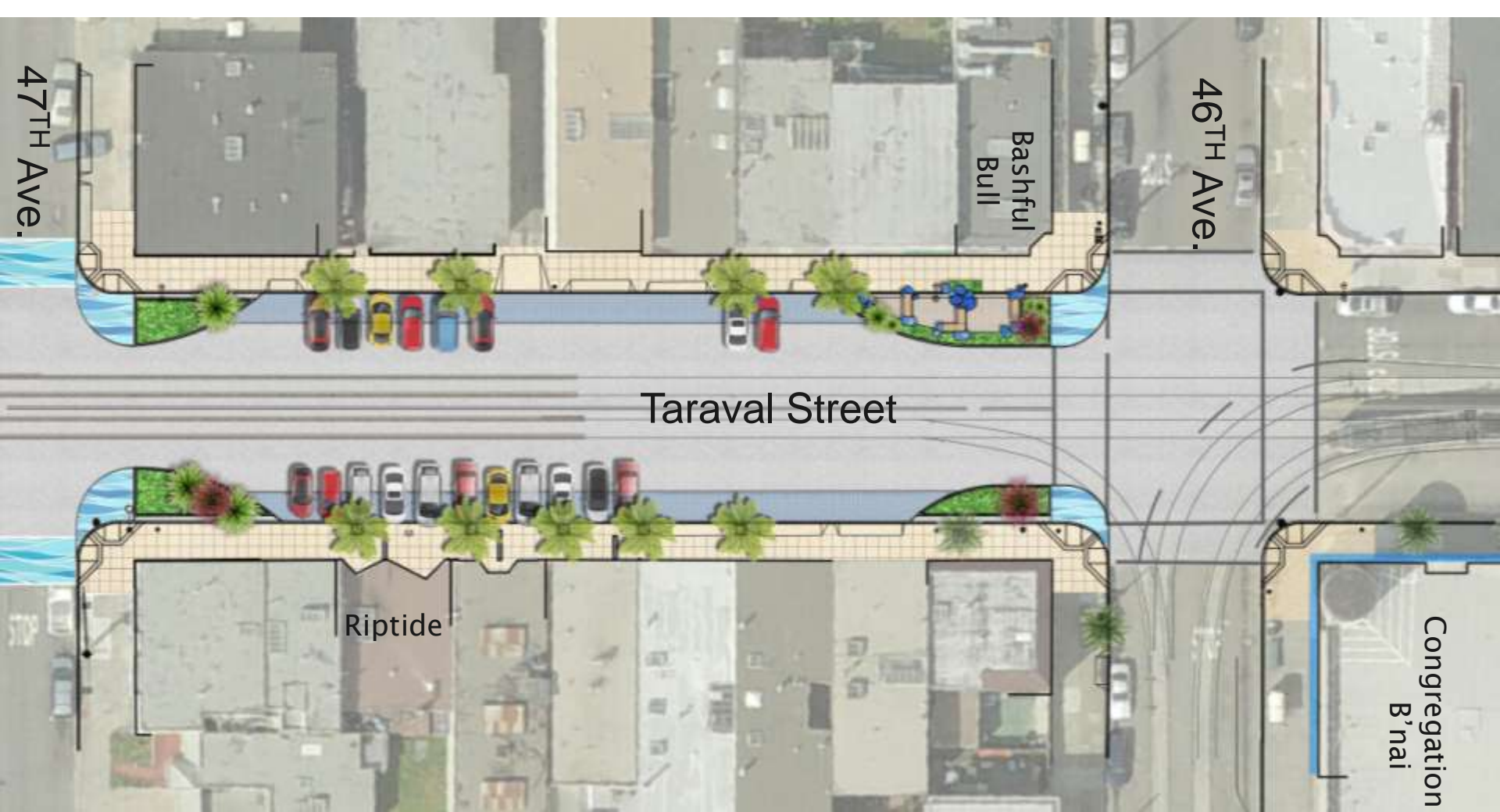
Department of Public Works



Existing Section



Proposed Section A-A



47TH Ave.

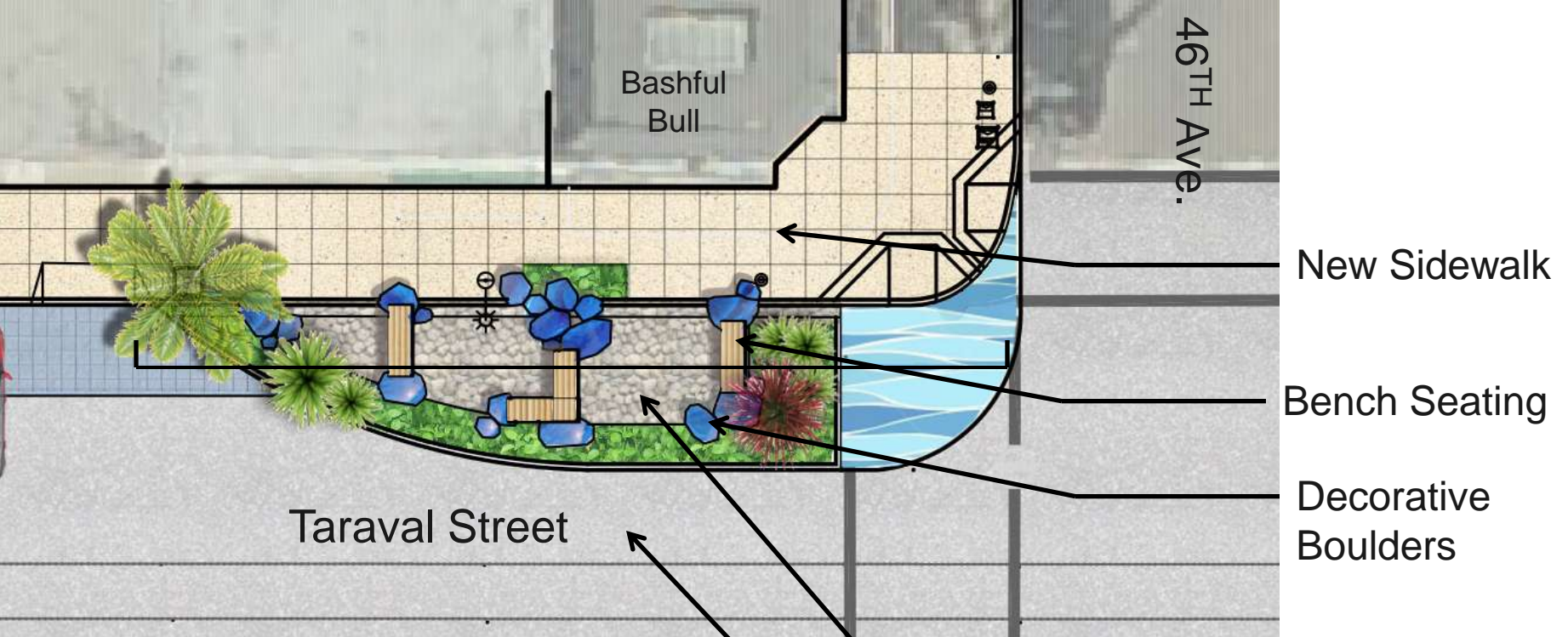
46TH Ave.

Bashful
Bull

Taraval Street

Riptide

Congregation
B'nai



Cobble Pavers

New Asphalt Roadway

Taraval Streetscape Project

Seating Area 46th/Taraval St

Department of Public Works



48TH Ave.

47TH Ave.

Taraval Street

Gateway Option B

Gateway Option A



Taraval Streetscape Project

Gateway

Department of Public Works



Taraval Streetscape Project

Gateway Option A
Department of Public Works



Taraval Streetscape Project Gateway Option A
Department of Public Works



Taraval Streetscape Project

Gateway Option B
Department of Public Works



Taraval Streetscape Project

Option B-Steel Gateway

Department of Public Works



Taraval Streetscape Project

Option B-Tile/Concrete Gateway

Department of Public Works



Taraval Streetscape Project

Option B-Steel Option

Department of Public Works



Taraval Streetscape Project

Option B-Tile/Concrete Option

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Taraval Streetscape Project

Gateway Mural

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*A mature tree in an urban environment provides up to \$162,000 in ecosystem services:

- Trees absorb carbon dioxide (Up to 25 pounds of CO₂ per year)
- Trees produce oxygen. Two medium-sized, healthy trees can supply the oxygen required for a single person for a year.
- Trees reduce up to 60% of particulate pollution in the air
- Trees provide erosion control and act as flood control agents by intercepting 1,006 gallons of rainwater per year
- Trees provide habitat for birds and beneficial insects
- People are more likely to shop on streets that are planted with trees
- *Trees act as traffic calming agents (drivers perceive the street as narrower)
- **Clean and green settings experience less petty crimes such as vandalism, graffiti and litter

*Michael Kinsley - Rocky Mountain Institute, Denver CO

**New Kensington Study-The Wharton School

Planting Considerations

- Beach growing environment
- Wind/salt exposure
- Longevity of plantings
- Maintenance/minimal care
- Low water use
- Planting in sidewalk



Trees leaning from wind exposure

Tree Plantings



Great for parks, not for sidewalks

Sunset Tree Plantings



Arbutus unedo
Strawberry Tree



Myoporum laetum
Ngaio Tree



Metrosideros excelsa
New Zealand Christmas Tree

Sunset Tree Plantings



Cordyline australis
Cabbage Tree



Washingtonia filifera
California Fan Palm

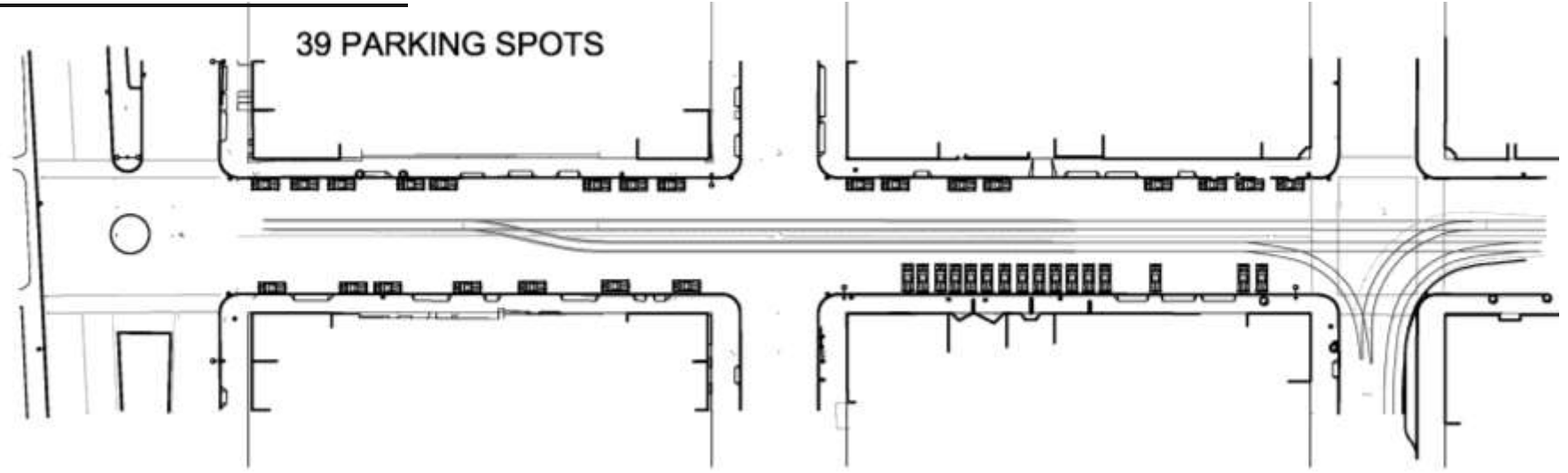


Tree Planting

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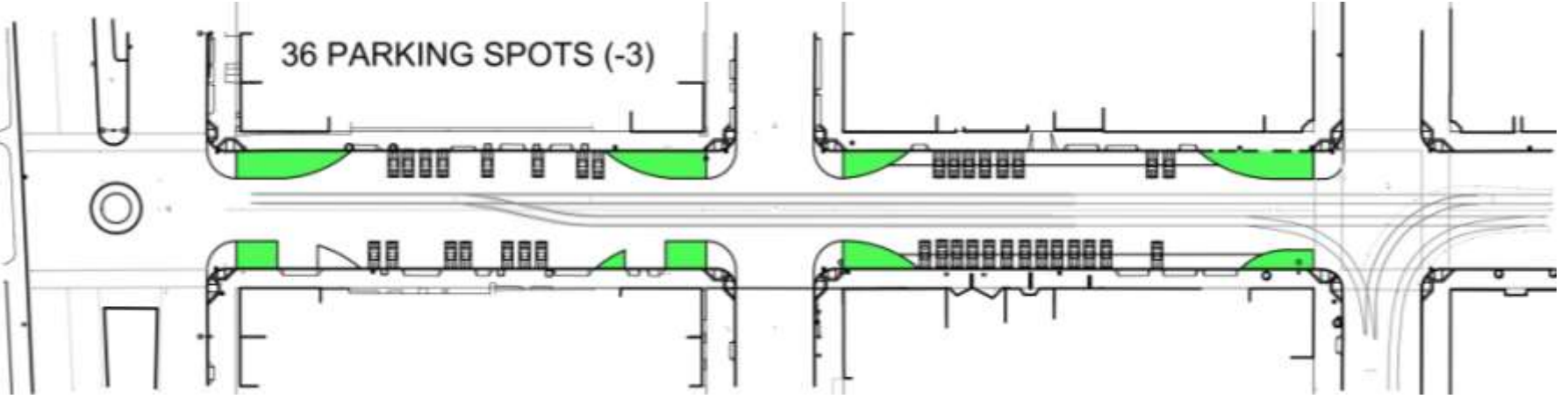
Taraval Streetscape Project

EXISTING CONDITION



PROPOSED CONDITION

- Perpendicular parking along Taraval

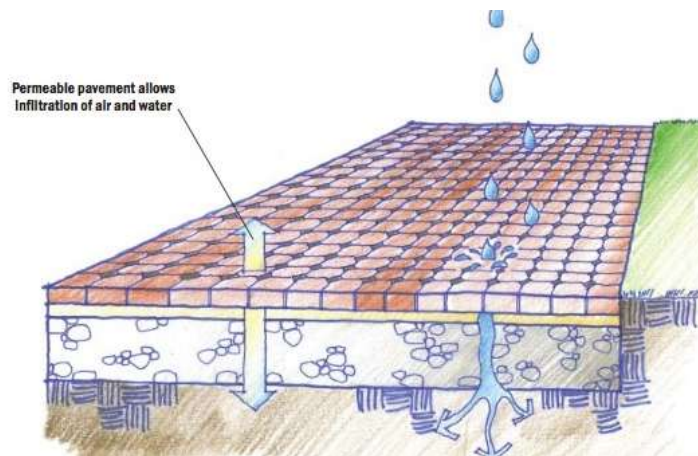




Taraval Streetscape Project

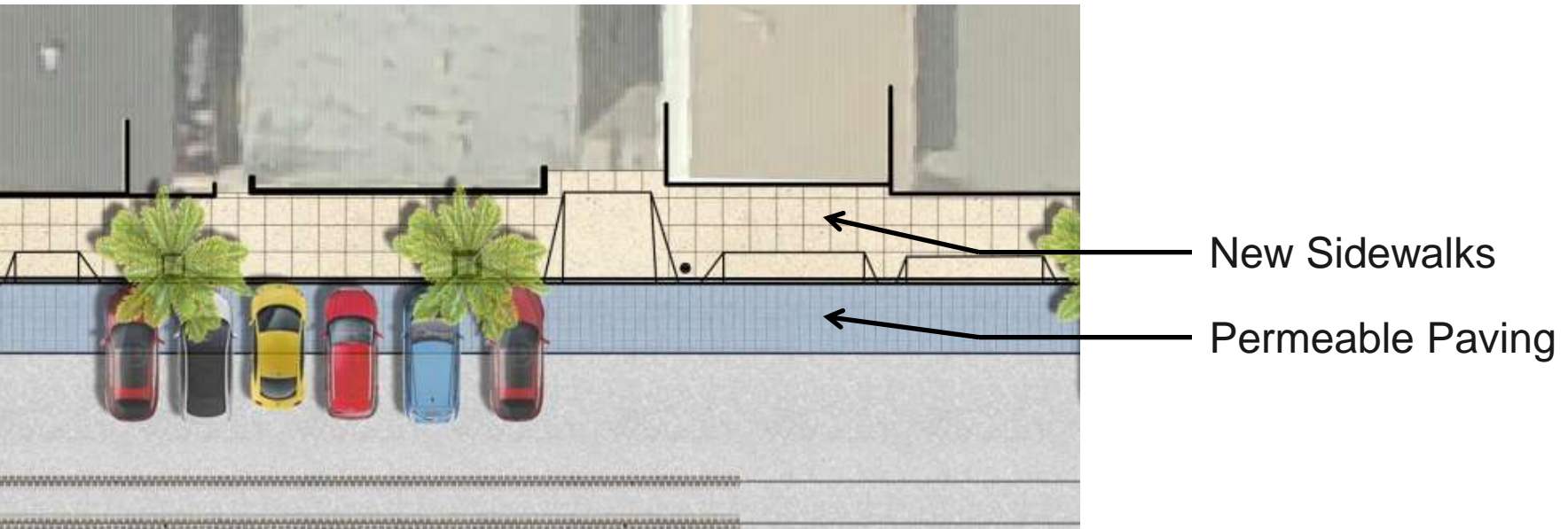
Crosswalk Treatments

Department of Public Works



PROJECT COST

- Preliminary project cost estimate is ~\$1.6 million (total project budget)
- If project cost exceeds \$1.6 million
 - New Sidewalks or Permeable Paving?



Discussion:

- Gateway Elements
 - Location/Materials
- Street Trees
- Parking Counts
- Cost Tradeoffs



TARAVAL STREETScape IMPROVEMENT PROJECT
PRELIMINARY DESIGN



Questions and Additional Comments

Project Website

<http://www.sfdpw.org/index.aspx?page=1648>

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THANKS FOR FEEDBACK!