Existing median is removed and travel lanes remain as asphalt.

New painted bike lanes are proposed on both sides of the street (by others).

Stormwater planters and street trees accept runoff from both San Pablo Avenue and adjacent private property.

Boardwalks allow pedestrians to access parking and sidewalks.

Parallel parking configuration allows for greater space efficiency along the street.

A 4.5' egress zone allows pedestrians to safely exit their vehicles and pay parking meters. The existing ADA marked parking stall is retained at this location.

The east side of San Pablo Avenue could be converted to mirror west side improvements in the future.
San Pablo Avenue Green Stormwater Spine Project

City of Emeryville, California

Nevue Ngan Associates

Entry point of stormwater flow from Apgar Street.

Low-flow green gutter. Higher flows spill over a small retaining wall into larger adjacent rain garden.

Rain garden landscape area.

Existing sewer manhole location.

Side slope landscape transitions grade from street level to the basin’s finished elevations.

On-street asphalt parking zone (Capacity is for five vehicles)

New sidewalk paving to match existing brick paving along San Pablo Avenue (by private development?)

Pedestrian boardwalk crossing over rain garden system.

Expanded sidewalk area overlooks rain garden cells and allow for addition space for cafe/plaza seating.

Overflow from rain garden system.

Existing street trees to remain.

Sidewalk zone to be paved with standard scored concrete.

Scale: 1"=20'

January 2013
San Pablo Avenue Green Stormwater Spine Project
City of Albany, California

1. Stormwater curb extensions capture runoff from San Pablo Avenue.
2. Sidewalk planters capture stormwater from private parking lot. This will require acceptance and coordination of improvements with private owner.
3. A boardwalk allows stormwater to be stored under sidewalk zone using Silva Cell technology.
4. Existing bus stop remains in current location.
5. Stormwater overflow from stormwater curb extensions is captured within a series of grated green gutters within parking zones/driveway zones.
6. Existing driveway is modified.
7. Combination speed bump and trench drain system conveys runoff into sidewalk stormwater planter.
San Pablo Avenue Green Stormwater Spine Project

City of Berkeley, California

Nevue Ngan Associates

Stormwater Improvement Concept Plan

1. Stormwater curb extensions capture runoff from San Pablo Avenue.
2. Grated trench drains allow stormwater to flow into adjacent sidewalk planter.
3. Existing private landscaping/signage/utilities are retained.
4. Sidewalk planter accepts stormwater from San Pablo Avenue. A small concrete curb wall helps provide grade separation and protection of existing signs and utilities. This will require acceptance and coordination of improvements with private owner.
5. An existing vegetated swale is modified to capture stormwater from both San Pablo Avenue and McDonald’s parking lot. This will require acceptance and coordination of improvements with private owner.
6. Grated trench drains allow stormwater overflow to flow into a stormwater curb extension in San Pablo Avenue.
7. All existing trees are retained with streetscape improvements.
8. Boardwalk allows stormwater to follow under pedestrian pathway.

San Pablo Avenue

(3 parking spaces)

(2 parking spaces)

January 2013
Stormwater curb extensions capture runoff from San Pablo Avenue.

2. Sidewalk planters capture stormwater from private parking lot. This will require acceptance and coordination of improvements with private owner.

3. A boardwalk allows stormwater to be stored under sidewalk zone using Silva Cell technology.

4. Existing bus stop remains in current location.

5. Stormwater overflow from stormwater curb extensions is captured within a series of grated green gutters within parking zones/driveway zones.

6. Existing driveway is modified.

7. Combination speed bump and trench drain system conveys runoff into sidewalk stormwater planter.
Stormwater Improvement Concept Plan

1. Stormwater curb extensions capture runoff from San Pablo Avenue.
2. Sidewalk rain garden captures stormwater from private parking lot. This will require acceptance and coordination of improvements with private owner.
3. A boardwalk allows stormwater to be connected between the curb extension and rain garden.
4. Existing ADA accessible parking spaces to remain at current location.
5. Existing large canopy street trees to remain. Stormwater facility is graded to allow existing street trees to remain.
6. Sidewalk rain garden captures stormwater from private parking lot. Existing signs and utilities will need to be protected.
Stormwater Improvement Concept Plan

1. Stormwater curb extensions capture runoff from San Pablo Avenue, Andrade Avenue, and McBryde Avenue.
2. A new rain gardens capture stormwater from private parking lot. This will require acceptance and coordination of improvements with private owner.
3. Boardwalks allow stormwater to be connected between the curb extensions and rain garden.
4. Existing parking spaces are modified to allow for only parallel parking, however, additional parallel parking is allowed on McBryde Avenue.
5. Existing bus stop is adjusted to this location.
6. Trench drains used for stormwater conveyance.
7. A new corner plaza for placemaking opportunity (art, pedestrian seating, other amenities by others).
8. Boardwalk allows for additional stormwater storage adjacent to stormwater curb extension.
9. Existing private signage/utilities are to be protected within rain garden.
Stormwater Improvement Concept Plan

1. Stormwater planters capture runoff from San Pablo Avenue. Each planter has a flush curb condition next to bike lane for sheet flow of stormwater.

2. Future potential improvements include sidewalk planters that capture stormwater from a portion of private rooftop.

3. Future potential improvements include trench drains that convey rooftop stormwater overflow to street stormwater planters.

4. A large street median rain garden captures runoff from San Pablo Avenue. The rain garden entry has a flush curb condition next to bike lane for sheet flow of stormwater.

5. A boardwalk allows for stormwater conveyance under the pedestrian crossing.

6. Existing bike lane is retained.

7. Existing street tree is retained.

San Pablo Avenue Green Stormwater Spine Project
City of San Pablo, California

Scale: 1"=20' January 2013