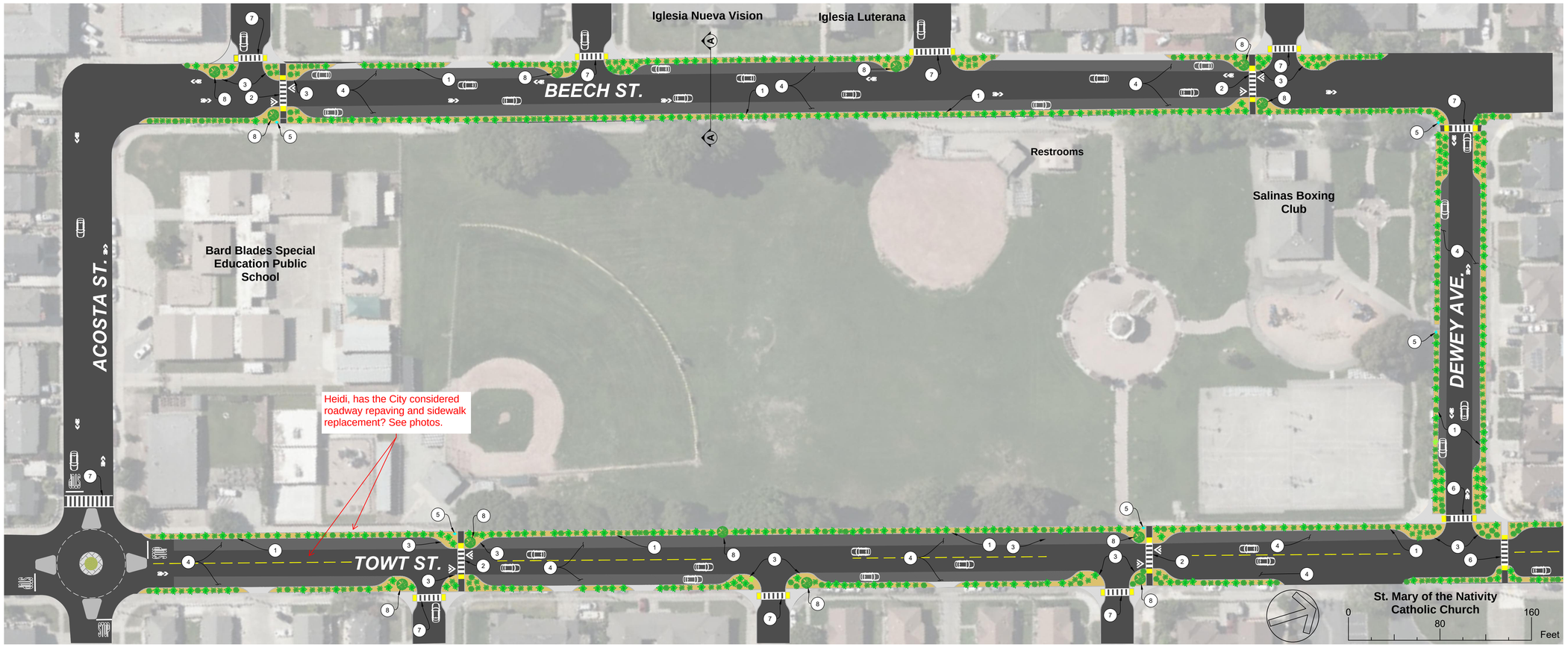
CLOSTER PARK GREEN STREET CONCEPT PLAN



CONCEPTUAL DESIGN NOTES

1	PROPOSED 6' WIDE BIOFILTRATION CELL WITH CONCRETE CURB
2	RAISED ADA CROSSWALK
3	NEW CROSSWALK BUMPOUT
4	10' WIDE PERMEABLE PAVEMENT PARKING LANE. PERMEABLE PAVEMENTS RECOMMENDED ARE PERVIOUS CONCRETE OR PERMEABLE INTERLOCKING CONCRETE PAVERS.
5	BMP EDUCATIONAL SIGNAGE.
6	REPLACE/REHABILITATE EXISTING ADA CROSSWALK STRIPING.
7	STRIPE NEW ADA CROSSWALK
8	PROPOSED NEW TREE

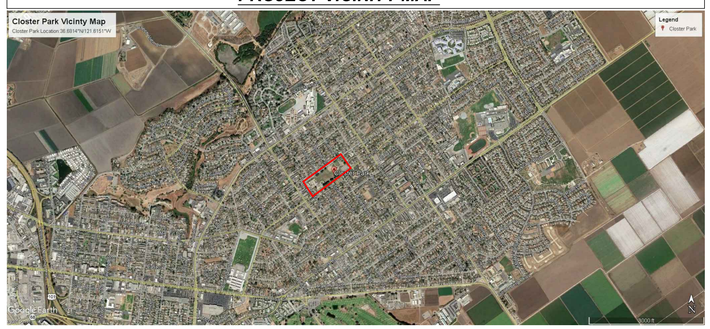
Site Information

Location	Closter Park Salinas, Ca
Latitude/Longitude	36.6814°N/121.6151°W
Groundwater Depth	~56 ft below ground level (from closest well from State Well Number:14S03E27B001M)
Hydrologic Soil Group	Group D

Capital Cost Estimate

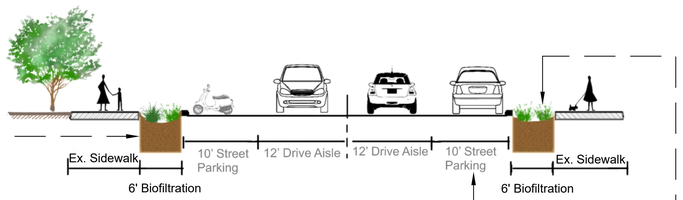
Parameter	Value
Planning, Design, & Permitting	$1,339,000
Construction Site Preparation	$3,976,329
Greening Elements	$703,655
Educational Signage	$1,250
Contingency (10% subtotal)	$468,124
TOTAL	$6,488,358

PROJECT VICINITY MAP



PROJECT BENEFITS

- **Beautification** via planting drought-tolerant, native plants in the biofiltration area. Also reduce heat island effect by introducing more landscaped areas.
- **Pavement and Support Elements** decreases pavement by replacing with biofiltration areas and replaced AC pavement with permeable paving in curbside street parking.
- **Provide diverse drought-tolerant, native vegetation** within biofiltration cells and crosswalk bumpout areas.
- **Enhanced Community Connection/Public Education** by use of public educational signage explaining park BMP benefits.



SECTION A-A: BEECH ST.

SCALE: NTS

PROJECT DESCRIPTION

The streets surrounding Closter Park present an opportunity to reduce impervious surfaces, introduce enhanced pavements, increase urban greening through bioretention swales, and reduce the urban heat island effects, all while promoting a safer pedestrian environment. The streets provide the community access to the Park where street parking and pedestrian traffic serve as the primary transportation methods to the area. This green street project effort seeks to revitalize and re-envision the surroundings streets to incorporate green infrastructure solutions providing improved water quality, lowering flood risk, and increasing pedestrian safety. The green street renovations will encompass Towt St., Beech St., and Dewey Ave. The proposed green streets intend to add popped out linear bioretention swales along each street. These bioretention swales will capture and treat the local stormwater runoff. Adjacent to the bioretention swales will be a 10' wide permeable pavement parking section to provide additional stormwater run-off mitigation. The green street project will serve as an example of improvements that can be made to existing streets to help improve public spaces, effluent stormwater quality, and enhance community connection. Educational signage will be placed strategically around the streets to promote a better understanding of the project objectives. This synergy can provide a public and community benefit while improving the environmental quality of the built public space. The streets and park are owned and operated by the City of Salinas.

TRAFFIC CIRCLE

[TRAFFIC CALMING ELEMENT]

RAISED CROSSWALK

[TRAFFIC CALMING ELEMENT]

BIOFILTRATION CELL

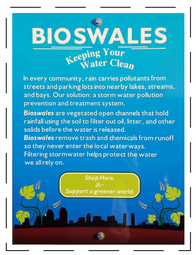
[BMP OPTION]

PERMEABLE PAVEMENT: CONCRETE

[BMP OPTION]

BERKELEY SEDGE

[SALINAS APPROVED PLANT TYPE OPTION]



EDUCATIONAL SIGNAGE

[ENHANCED COMMUNITY CONNECTION]

SALINAS

craft water engineering, inc.

2NDNATURE

PLOT DATE:3/11/22 SAVED BY: ANDREWTAKAHASHI
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