Safe Routes to School & Green Infrastructure

SAN MATEO COUNTYWIDE
Water Pollution Prevention Program
Clean Water. Healthy Community.
www.flowstobay.org

San Mateo County
SAFE ROUTES TO SCHOOL
Healthy Kids • Green Communities • Safe Journeys

C/CAG
City/County Association of Governments
of San Mateo County

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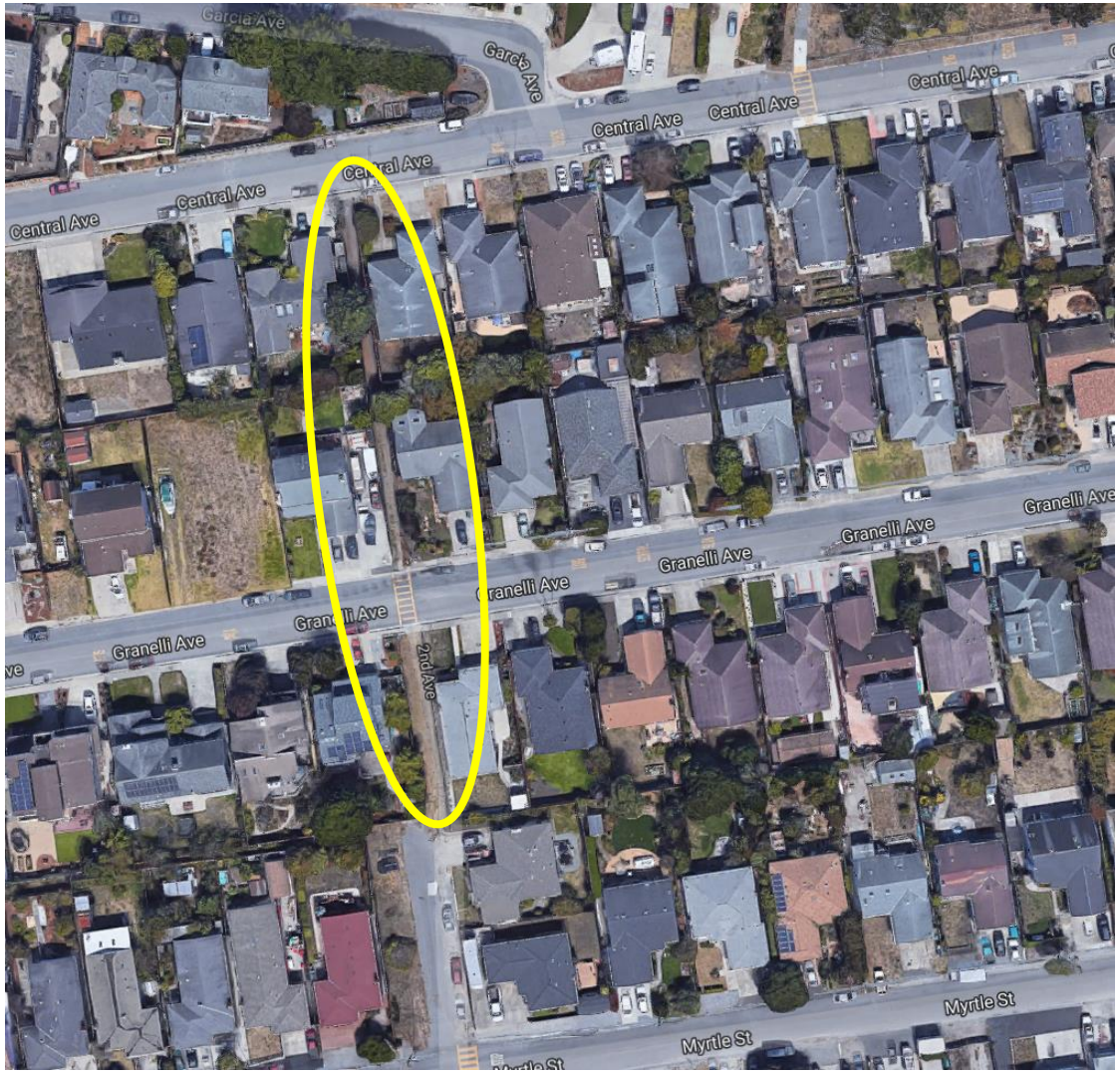
City Applications for the Safe Routes to School & Green Infrastructure

N

Safe Routes to School & Green Infrastructure
Hatch Elementary (Second Ave)



Safe Routes to School & Green Infrastructure
Cunha Middle School (Purissima and Correas)

Safe Routes to School (SRTS) and Green Streets Infrastructure Pilot Program Project Application

Section I: General Project and Applicant Information

General Project Information

Sponsor Agency:	City of Half Moon Bay
Project Title:	Half Moon Bay Safe Routes To Cunha School Project

Amount of Funds Requested ($):

Grant Request	Capital Cost	Match (15% min of Capital Cost)
$153,000	$180,000	$27,000

Note: Minimum request is $100,000 and maximum award is $250,000 per project location (2 project limit per applying jurisdiction)

SW Corner
Correas 1 of 3

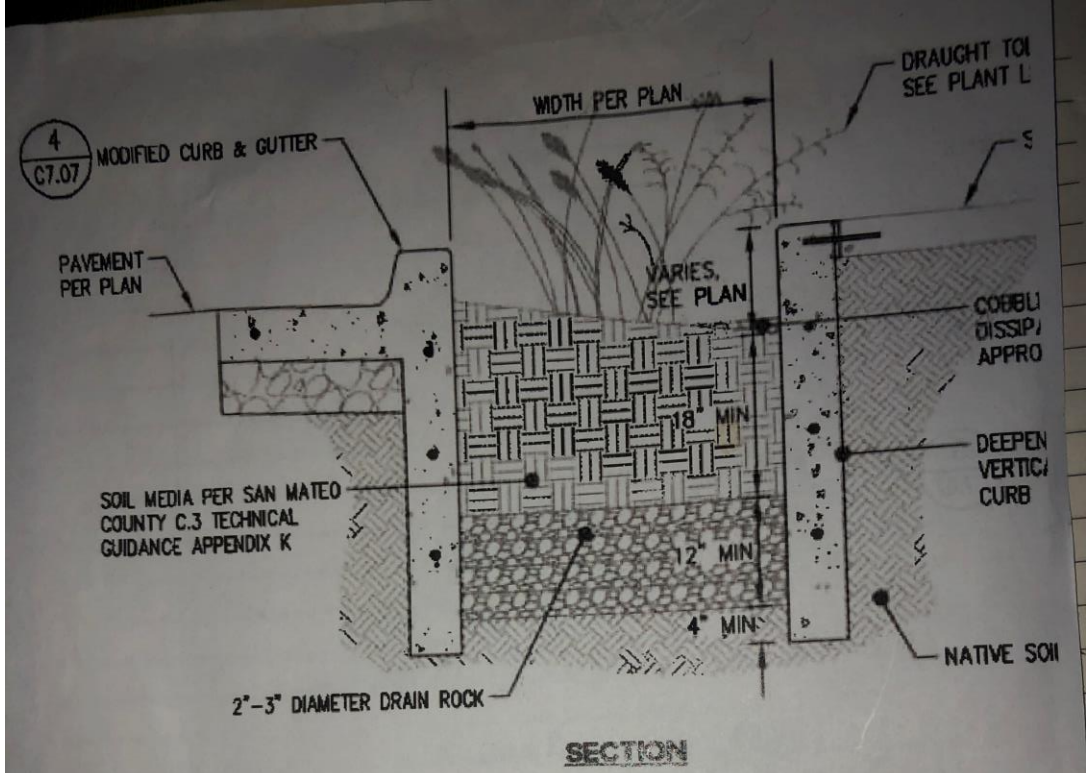
SW Corner
Correas 2 of 3

SW Corner Correas 3 of 3

SE Corner
Purissima
1 of 2

SE Corner
Purissima
2 of 2

Cross Section of Biorention Planter



SECTION

PLANT LEGEND				
BOTANICAL NAME	COMMON NAME	SIZE	SPACING	
CAREX DENSA	DENSE SEDGE	1 GAL	1.5 FEET	INTERI
ELEOCHARIS MACROSTACHYA	CREEPING SPIKERUSH	1 GAL	1.5 FEET	INTERI
HORDEUM BRACHYANTHERUM	MEADOW BARLEY	1 GAL	1.5 FEET	INTERI
JUNCUS PHAEOCEPHALUS	BROWN HEADED RUSH	1 GAL	1.5 FEET	INTERI
POTENTILLA ANSERINA	SILVER WEED CINQUEFOIL	1 GAL	1.5 FEET	INTER
SISYRINCHIUM CALIFORNICUM	CALIFORNIA GOLDEN EYED GRASS	1 GAL	1.5 FEET	INTER
JUNCUS PATENS	BLUE RUSH	1 GAL	3 FEET	PERIM
MUHLENBERGIA RIGENS	DEERGRASS	1 GAL	3 FEET	PERIM

SE Corner
Correas
1 of 2

SE Corner
Correas
2 of 2

NE Corner
Correas
1 of

NE Corner
Correas
2 of 2

Safe Routes to School & Green Infrastructure
Educational Signage
(Simple Language: Rain Gardens, Bulb-outs, Walking & Biking, Sharrows)

ENGLISH

Stormwater and Safe Routes to School Demonstration Project

Proyecto de demostración de aguas pluviales y de rutas seguras a la escuela

When It Rains

Oil, grease, and brake dust from cars; pesticides and fertilizers from gardens; and litter, including cigarette filters and plastics; all wash into our storm drains that lead into the Pacific Ocean. These pollutants are harmful to plants and animals living in our creeks and in the ocean. Rain gardens at each corner of this intersection are designed to capture and treat stormwater.

By creating small gardens such as these, it is possible to improve water quality. Capturing stormwater into a holding place, like the gardens at this intersection, and then allowing it to slowly infiltrate through the soil, removes pollutants. Soil collects pollutant particles from water in the same way an air filter collects dust from the air. The microbes living in the soil break down the pollutants and the cleaned water drains to the creeks and to the ocean. The plants used in the rain gardens are native wetland plants that are suitable for both flooding and drought.

Walking and Biking to School

Improving safety while walking and biking to school is the central mission of the San Mateo County Safe Routes to School Program. The new sidewalks, bulb-outs and "Sharrows" (share the road arrows) provide a safe crossing and reduce accidents. Walking and biking is a healthy way to get to the school and the library, reduce traffic congestion and help the environment.

This project was completed in 2018 and funded by the City/County Association of Governments of San Mateo County and the City of Half Moon Bay. To learn more about improving stormwater quality and safe routes to school, visit www.ccag.ca.org

SPANISH

Cuando llueve

Aceite/grasa/polvo de frenos de los coches, pesticidas/ fertilizantes de los jardines, y basura (filtros de cigarrillos y plásticos) entran nuestros desagües de tormenta que se conectan al Océano Pacífico. Estos contaminantes son dañinos para las plantas y los animales que viven en nuestros arroyos y el océano. Jardines de la lluvia en cada esquina de esta intersección están diseñados para capturar y tratar las aguas pluviales.

Al crear pequeños jardines como estos, es posible mejorar la calidad del agua. Capturar las aguas pluviales pluviales en un lugar temporal, como las jardines de esta intersección, y luego permitir que se infiltre lentamente a través de la tierra, elimina los contaminantes. La tierra recoge las partículas contaminantes del agua de la misma manera que un filtro de aire recoge el polvo del aire. Los microbios que viven en la tierra descomponen los contaminantes y el agua limpia se drena a los arroyos y al océano. Las plantas utilizadas en los jardines de lluvia son plantas nativas de humedales aptas tanto para inundaciones como para sequías

Caminar y Andar en Bicicleta a la Escuela

Mejorar la seguridad mientras camina y va en bicicleta a la escuela es la misión central del programa de "Rutas Seguras a la Escuela" del Condado de San Mateo. Las nuevas aceras, bulbos y "Sharrows" (flechas de compartir la carretera) proveen un cruce seguro y reducen los accidentes. Caminar y andar en bicicleta es una manera saludable de llegar a la escuela y la biblioteca, reducir la congestión de tráfico y ayudar al medio ambiente.

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BEFORE AND AFTER


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