

Appendix A

Prioritization Metrics for Scoring GSI Project Opportunities

Table A-1. Prioritization Metrics for LID Project Opportunities

Metric	Points						Weighting Factor
	0	1	2	3	4	5	
Parcel Land Use			Schools/ Golf Courses	Park / Open Space	Public Buildings	Parking Lots	
Impervious Area (%)	$X < 40$	$40 \leq X < 50$	$50 \leq X < 60$	$60 \leq X < 70$	$70 \leq X < 80$	$80 \leq X < 100$	2
Hydrologic Soil Group		C/D		B		A	
Slope (%)		$10 > X > 5$	$5 \geq X > 3$	$3 \geq X > 2$	$2 \geq X > 1$	$1 \geq X$	
Within flood-prone storm drain catchments	No					Yes	
Contains PCB Interest Areas	None			Moderate		High	2
Within Priority Development Area	No					Yes	
Co-located with another agency project	No					Yes	
Augments water supply	No	Opportunity for capture and use				Above groundwater recharge area and not above groundwater contamination area	2
Water quality source control	No	Yes					
Reestablishes natural hydrology	No	Yes					
Creates or enhances habitat	No	Yes					
Community enhancement	No	Opportunities for other enhancements				Within DAC or MTC Community of Concern	

Table A-2. Prioritization Metrics for Regional Stormwater Capture Project Opportunities

Metric	Points						Weighting Factor
	0	1	2	3	4	5	
Parcel Land Use			Schools/Golf Courses	Public Buildings	Parking Lot	Park / Open Space	
Impervious Area (%)	$X < 40$	$40 \leq X < 50$	$50 \leq X < 60$	$60 \leq X < 70$	$70 \leq X < 80$	$80 \leq X < 100$	2
Parcel Size (acres)	$0.25 \leq X < 0.5$	$0.5 \leq X < 1$	$1 \leq X < 2$	$2 \leq X < 3$	$3 \leq X < 4$	$4 \leq X$	
Hydrologic Soil Group		C/D		B		A	
Slope (%)		$10 > X > 5$	$5 \geq X > 3$	$3 \geq X > 2$	$2 \geq X > 1$	$1 \geq X$	
Proximity to Storm Drain (feet)	$X > 1,000$	$1,000 \geq X > 500$		$500 \geq X > 200$		$200 \geq X$	
Within flood-prone storm drain catchments	No					Yes	
Contains PCB Interest Areas	None			Moderate		High	2
Within Priority Development Area	No					Yes	
Co-located with another agency project	No					Yes	
Augments water supply	No	Opportunity for capture and use				Above groundwater recharge area and not above groundwater contamination area	2
Water quality source control	No	Yes					
Reestablishes natural hydrology	No	Yes					
Creates or enhances habitat	No	Yes					
Community enhancement	No	Opportunities for other enhancements				Within DAC or MTC Community of Concern	

Table A-3. Prioritization Metrics for Green Street Project Opportunities

Metric	Points						Weighting Factor
	0	1	2	3	4	5	
Imperviousness (%)	$X < 40$	$40 \leq X < 50$	$50 \leq X < 60$	$60 \leq X < 70$	$70 \leq X < 80$	$80 \leq X < 100$	2
Hydrologic Soil Group		C/D		B		A	
Slope (%)		$5 > X > 4$	$4 \geq X > 3$	$3 \geq X > 2$	$2 \geq X > 1$	$1 \geq X > 0$	
Within flood-prone storm drain catchments	No					Yes	
Contains PCB Interest Areas	None			Moderate		High	2
Within Priority Development Area	No					Yes	
Co-located with another agency project	No					Yes	
Augments water supply	No	Opportunity for capture and use				Above groundwater recharge area and not above groundwater contamination area	2
Water quality source control	No	Yes					
Reestablishes natural hydrology	No	Yes					
Creates or enhances habitat	No	Yes					
Community enhancement	No	Opportunities for other enhancements				Within DAC or MTC Community of Concern	

Appendix B

**City of Cupertino Street Segments and Parcels with
Opportunities for GSI**

City of Cupertino
Potential Parcel-based GSI Opportunities

Parcel Information			City Prioritization Criteria		SWRP Project Scoring ¹													
APN	Owner	Land Use	Co-location with Special Area	Co-location with Public project	Land Use Score	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	PDA Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Re-established Natural Habitat Score	Enhances Habitat Score	Community Score	TOTAL SCORE
36230098	City of Cupertino	Park/Open Space			3	0	1	2	0	0	0	0	10	1	1	0	1	19
35706018	City of Cupertino	Park/Open Space			3	0	5	2	0	0	0	0	10	1	1	0	1	23
36915002	City of Cupertino	Park/Open Space			3	0	1	2	0	0	0	0	10	1	1	0	1	19
32614005	City of Cupertino	Park/Open Space			3	0	1	1	0	0	0	0	10	1	1	0	1	18
32609071	City of Cupertino	Public Buildings	Homestead		4	6	1	4	0	0	0	0	10	1	1	0	1	28
32649036	City of Cupertino	Park/Open Space			3	0	1	2	0	10	0	0	10	1	1	0	1	29
31631041	City of Cupertino	Park/Open Space		Citywide Parks and Recreation System Master Plan - Portal Park; Bike Boulevard Project	3	0	1	2	0	0	0	5	10	1	1	0	1	24
36904044	City of Cupertino	Park/Open Space		Citywide Parks and Recreation System Master Plan - Wilson Park	3	0	1	4	0	0	0	5	10	1	1	0	1	26
35925024	City of Cupertino	Park/Open Space		Jollyman Park pathway installation	3	0	1	3	0	0	0	5	10	1	1	0	1	25
37523047	City of Cupertino	Public Buildings		Lawrence Mitty Park	4	0	1	2	0	0	0	5	10	1	1	0	1	25
32627030	City of Cupertino	Park/Open Space		Mary Avenue Rennovation and Park	3	8	1	2	0	0	0	5	10	1	1	0	1	32

City of Cupertino
Potential Parcel-based GSI Opportunities

32606052	City of Cupertino	Public Buildings		Mary Avenue Renovation and Park	4	8	1	2	0	10	0	5	10	1	1	0	1	43
32629022	City of Cupertino	Park/Open Space	Heart of the City	Memorial Park Renovation; Stevens Creek Blvd protected bike lanes (separated bike	4	6	1	3	0	0	5	5	10	1	1	0	1	37
32629006	City of Cupertino	Park/Open Space	Heart of the City	Memorial Park Renovation; Stevens Creek Blvd protected bike lanes (separated bike	3	0	1	3	0	0	5	5	10	1	1	0	1	30
34215038	City of Cupertino	Park/Open Space		S Foothill Blvd and N Foothill Blvd Green Street; Citywide Parks and Recreation Master Plan	3	0	1	3	0	0	0	5	10	1	1	0	1	25
35710008	City of Cupertino	Park/Open Space		Blackberry Farm Retreat Center; Orange and Byrne Avenue sidewalk improvements	3	0	5	1	0	0	0	5	10	1	1	0	1	27

¹SWRP = Stormwater Resources Plan (SCVURPPP, 2018). See Appendix A for prioritization metrics and scoring of GSI opportunities.

City of Cupertino
Potential Green Street Project Opportunities

Street Information			City Prioritization Criteria		SWRP Project Scoring ¹												
SWRP Project ID	Street Name	Jurisdiction	Co-location with Public project	Co-location with Special Area	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
60501447	WHEATON DR	CUPERTINO	Bike Boulevard Project		6	1	5	0	0	5	5	10	1	1	1	1	36
60501446	WHEATON DR	CUPERTINO	Bike Boulevard Project		6	1	5	0	0	5	5	10	1	1	1	1	36
60501557	WHEATON DR	CUPERTINO	Citywide Parks and Recreation System Master Plan; Bike Boulevard Project		4	1	5	0	0	5	5	10	1	1	1	1	34
60500926	BILICH PL	CUPERTINO	Bike Boulevard Project		4	1	5	0	0	5	5	10	1	1	1	1	34
60500612	S DE ANZA BLVD	CUPERTINO	Bike Boulevard Project	South De Anza	10	1	5	0	0	5	5	10	1	1	1	1	40
60501621	BOLLINGER RD	CUPERTINO	Bike Boulevard Project		10	1	4	0	0	0	5	10	1	1	1	1	34
1000715919	CIVIK PARK LN	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	1	0	0	5	5	10	1	1	1	1	34
60501804	RODRIGUES AVE	CUPERTINO	Bike Boulevard Project	South De Anza	10	1	4	0	0	5	5	10	1	1	1	1	39
1000715916	TOWN CENTER LN	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60501620	BOLLINGER RD	CUPERTINO	Bike Boulevard Project		10	1	4	0	0	0	5	10	1	1	1	1	34
60502513	RODRIGUES AVE	CUPERTINO	Bike Boulevard Project	South De Anza	10	1	4	0	0	5	5	10	1	1	1	1	39
60502170	N DE ANZA BLVD	CUPERTINO	Bike Boulevard Project	North De Anza	6	1	5	0	0	5	5	10	1	1	1	1	36
60500883	INFINITE LOOP	CUPERTINO	Bike Boulevard Project	North De Anza	6	1	3	0	0	5	5	10	1	1	1	1	34
60502172	N DE ANZA BLVD	CUPERTINO	Bike Boulevard Project	North De Anza	6	1	3	0	0	5	5	10	1	1	1	1	34
60500901	MARY AVE	CUPERTINO	Bike Boulevard Project		8	1	4	0	10	0	5	10	1	1	1	1	42
60500368	DORADO	CUPERTINO	Bike Boulevard Project		4	1	2	0	10	0	5	10	1	1	1	1	36
60502363	MARY AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60500370	MARY AVE	CUPERTINO	Bike Boulevard Project		6	1	4	0	10	0	5	10	1	1	1	1	40
60500369	MARY AVE	CUPERTINO	Bike Boulevard Project		6	1	4	0	10	0	5	10	1	1	1	1	40

City of Cupertino
Potential Green Street Project Opportunities

Street Information			City Prioritization Criteria		SWRP Project Scoring ¹												
SWRP Project ID	Street Name	Jurisdiction	Co-location with Public project	Co-location with Special Area	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
60500362	SEGOVIA	CUPERTINO	Bike Boulevard Project		6	1	4	0	10	0	5	10	1	1	1	1	40
60500367	DORADO	CUPERTINO	Bike Boulevard Project		6	1	3	0	10	0	5	10	1	1	1	1	39
60500902	METEOR DR	CUPERTINO	Bike Boulevard Project		8	1	4	0	10	0	5	10	1	1	1	1	42
60502362	PARKWOOD DR	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60502218	MILLARD LN	CUPERTINO	Bike Boulevard Project		6	1	5	0	10	0	5	10	1	1	1	1	41
60502720	PACIFICA RD	CUPERTINO	Bike Boulevard Project	South De Anza	10	1	4	0	0	0	5	10	1	1	1	1	34
60500741	MARY AVE	CUPERTINO	Memorial Park Renovation; Stevens Creek Blvd protected bike lanes (separated bike lanes)	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60500568	GRANADA AVE	CUPERTINO	Bike Boulevard Project	Monta Vista Village	4	1	4	0	6	0	5	10	1	1	1	1	34
60501097	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60501095	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	3	0	0	5	5	10	1	1	1	1	34
60501156	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	4	1	5	0	0	5	5	10	1	1	1	1	34
60501496	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	5	0	0	5	5	10	1	1	1	1	36
60501501	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60500619	S STELLING RD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	3	0	0	5	5	10	1	1	1	1	34
60500096	N WOLFE RD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39
60500913	SAICH WAY	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37

City of Cupertino
Potential Green Street Project Opportunities

Street Information			City Prioritization Criteria		SWRP Project Scoring ¹												
SWRP Project ID	Street Name	Jurisdiction	Co-location with Public project	Co-location with Special Area	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
60500623	S STELLING RD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	5	0	0	5	5	10	1	1	1	1	36
60501267	CAMPUS DR	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	3	0	0	5	5	10	1	1	1	1	34
60501940	PENINSULA AVE	CUPERTINO	Bike Boulevard Project	Monta Vista Village	8	1	4	0	10	0	5	10	1	1	1	1	42
60502506	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60502021	S PORTAL AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	3	0	0	5	5	10	1	1	1	1	34
60500628	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60502508	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60501977	IMPERIAL AVE	CUPERTINO	Bike Boulevard Project	Monta Vista Village	8	1	4	0	10	0	5	10	1	1	1	1	42
60500744	FINCH AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60500443	N TANTAU AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	3	0	0	5	5	10	1	1	1	1	36
60501096	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	3	0	0	5	5	10	1	1	1	1	36
60501556	N PORTAL AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60501525	N WOLFE RD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39
60501507	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39
60501508	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39
60501509	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60500889	SAICH WAY	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39

City of Cupertino
Potential Green Street Project Opportunities

Street Information			City Prioritization Criteria		SWRP Project Scoring ¹												
SWRP Project ID	Street Name	Jurisdiction	Co-location with Public project	Co-location with Special Area	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
60501502	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	5	0	0	5	5	10	1	1	1	1	36
60501503	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	4	1	5	0	0	5	5	10	1	1	1	1	34
60502679	TORRE AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60501494	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	5	0	0	5	5	10	1	1	1	1	36
60500105	E ESTATES DR	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60500206	PASADENA AVE	CUPERTINO	Bike Boulevard Project	Monta Vista Village	8	1	4	0	10	0	5	10	1	1	1	1	42
60500097	N WOLFE RD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60502335	TANTAU AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39
60501500	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60501571	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60502035	BIANCHI WAY	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	3	0	0	5	5	10	1	1	1	1	34
60502507	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60502493	N BLANEY AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	3	0	0	5	5	10	1	1	1	1	36
60501217	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Monta Vista Village	8	1	3	0	10	0	5	10	1	1	1	1	41
60501524	MILLER AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60500104	E ESTATES DR	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60500095	MILLER AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38

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Potential Green Street Project Opportunities

Street Information			City Prioritization Criteria		SWRP Project Scoring ¹												
SWRP Project ID	Street Name	Jurisdiction	Co-location with Public project	Co-location with Special Area	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
60502505	PORTAL PLZ	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60502197	S TANTAU AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60502331	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	5	0	0	5	5	10	1	1	1	1	40
60502367	VISTA DR	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	3	0	0	5	5	10	1	1	1	1	34
60502180	CAMPUS DR	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60500666	BANDLEY DR	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	3	0	0	5	5	10	1	1	1	1	36
60501504	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	4	1	5	0	0	5	5	10	1	1	1	1	34
60502755	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60500745	FINCH AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39
60500449	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Monta Vista Village	10	1	4	0	10	0	5	10	1	1	1	1	44
60502650	BANDLEY DR	CUPERTINO	Bike Boulevard Project	North De Anza	6	1	3	0	0	5	5	10	1	1	1	1	34
60502179	CAMPUS DR	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60502756	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60501523	N WOLFE RD	CUPERTINO	Bike Boulevard Project		8	1	4	0	0	5	5	10	1	1	1	1	37
60502753	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60501499	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60501497	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39

City of Cupertino
Potential Green Street Project Opportunities

Street Information			City Prioritization Criteria		SWRP Project Scoring ¹												
SWRP Project ID	Street Name	Jurisdiction	Co-location with Public project	Co-location with Special Area	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
60502425	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Monta Vista Village	10	1	4	0	0	0	5	10	1	1	1	1	34
60500624	S STELLING RD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60501506	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project		8	1	3	0	0	5	5	10	1	1	1	1	36
60501495	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	5	0	0	5	5	10	1	1	1	1	36
60501505	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project		8	1	5	0	0	5	5	10	1	1	1	1	38
60500740	MARY AVE	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	3	0	0	5	5	10	1	1	1	1	34
60501093	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	2	0	0	5	5	10	1	1	1	1	35
60500618	S STELLING RD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	4	0	0	5	5	10	1	1	1	1	37
60502509	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60501094	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	6	1	4	0	0	5	5	10	1	1	1	1	35
60502328	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	5	0	0	5	5	10	1	1	1	1	40
60501252	N STELLING RD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60502326	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	4	0	0	5	5	10	1	1	1	1	39
60501572	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	8	1	5	0	0	5	5	10	1	1	1	1	38
60500155	STEVENS CREEK BLVD	CUPERTINO	Bike Boulevard Project	Heart of the City	10	1	3	0	0	5	5	10	1	1	1	1	38
60500451	MC CLELLAN RD	CUPERTINO	Union Pacific RR Trail Feasibility Study; McClellan Road Bike Corridor (separated bike lanes)	Monta Vista Village	8	1	1	0	10	0	5	10	1	1	1	1	39

City of Cupertino
Potential Green Street Project Opportunities

Street Information			City Prioritization Criteria		SWRP Project Scoring ¹												
SWRP Project ID	Street Name	Jurisdiction	Co-location with Public project	Co-location with Special Area	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
60501944	BUBB RD	CUPERTINO	Citywide Parks and Recreation System Master Plan; Bike Boulevard Project	Monta Vista Village	6	1	4	0	10	0	5	10	1	1	1	1	40

¹ SWRP = Stormwater Resources Plan (SCVURPPP, 2018). See Appendix A for prioritization metrics and scoring of GSI opportunities.

Appendix C

GSI concept for the Mary Avenue Greenbelt and Trail Project

MARY AVENUE GREEN STREET

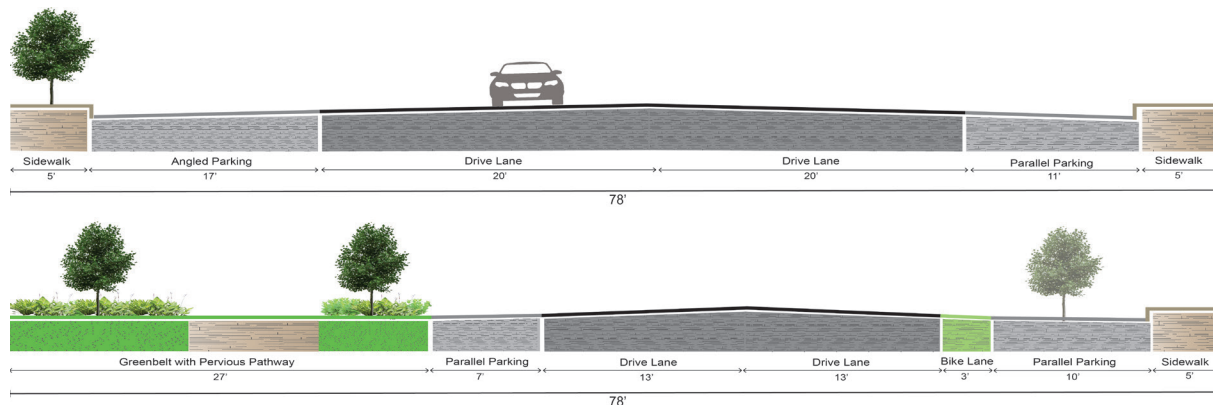
Cupertino

CONCEPT DESCRIPTION

Mary Avenue is an important connector road in the City of Cupertino that is at the hub of many important destinations: Homestead High School, Dan Burnett bicycle-pedestrian bridge over I-280, Mary Avenue Dog Park, City of Cupertino Service Center, The Oaks shopping center, Cupertino Senior Citizen Center, De Anza College, Memorial Park, and the commercial corridor on Stevens Creek Blvd. The road has an 80-ft wide right-of-way with a variety of abutting land uses running 0.72 miles from Stevens Creek Blvd to I-280. It presents a tremendous opportunity for a “complete street” retrofit integrating stormwater management with multiple community and environmental benefits. The City has been considering a complete street concept on Mary Avenue for several years, with a vision of transforming the existing inefficient roadway into a multi-functional corridor.

Surveys have identified “trails and pathways” and “access to nature” as the top two most sought after community benefits among Cupertino residents. Stormwater, habitat, and community benefits will be

realized by creating a wide bioretention-enhanced green belt on the west side of the street containing a pervious multi-use pathway to accommodate bicyclists, pedestrians, strollers, and joggers. Tree wells will be installed every 100 feet on the east side of the street to treat stormwater and, along with new trees in the green beltway, eventually form an arbor archway of green canopy over Mary Avenue. To create space for the proposed improvements, the City plans to remove the center turn lane, convert 20'-wide angled parking on the west side to 7'-wide parallel parking, and incorporate the existing bike lane on the west side into the green belt. A typical cross-section has been developed to show how the roadway could be reconfigured. Pervious pavement will be employed in the roadway closer to the Stevens Creek Blvd intersection where space is in higher demand. Bioretention has a 5% sizing ratio (based on available space and to achieve better performance), and the pervious pavement has a 20% sizing ratio (4 parts run-on area to 1 part pervious pavement).



Pre-construction (top) & Post-construction (bottom) Street Section

CONCEPT METRICS

WATERSHED CHARACTERISTICS

Watershed

SUNNYVALE EAST CHANNEL

Drainage Management Area

12.1 AC

% Impervious of DMA

90

Total Runoff Volume

6.6 AC-FT/YR

FACILITY INFORMATION

BIORETENTION

Total Facility Area

23,958 SF

Number of Facilities

40

Maximum Surface Ponding

0.5 FT

Storage Volume

0.7 AC-FT

PERVIOUS PAVEMENT

Total Facility Area

9,583 SF

LOCATED IN PARKING LANE

Storage Volume

0.2 AC-FT

DESIGN CRITERIA

Total Storage

0.9 AC-FT

Infiltration Rate

0.2 IN/HR

Total Runoff Captured

6.6 AC-FT/YR (100%)

CONCEPT BASEMAP



LEGEND

- Catch Basins
- Flow Direction
- Greenway with Integrated Stormwater Treatment
- Tree Wells
- Storm Drain Network
- - - Drainage Management Area
- Pervious Pavement
- See Precedent Image on Next Page

0 250 500 ft

PARADIGM
ENVIRONMENTAL

 **Lotus Water**

Preliminary concept for discussion purposes only

MARY AVENUE GREEN STREET



Example of Integration of Bioretention with Bike and Pedestrian Crossings in Lyon, France



Example of Stormwater and Multi-modal Transportation Options in Lyon, France

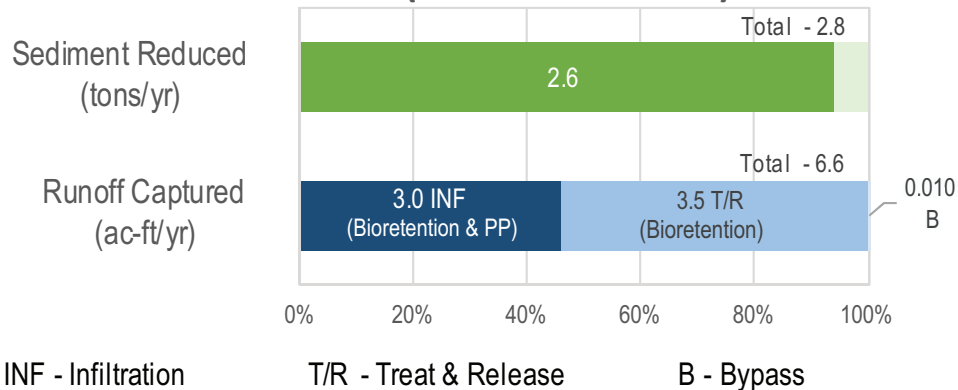
BUDGET-LEVEL COST ESTIMATES

DESCRIPTION	UNIT COST	UNIT	QUANTITY	SUBTOTAL
Utilities Protection/Relocation	\$90,000	LS	1	\$90,000
Demo, Excavation & Offhaul	\$10	SF	33,541	\$335,400
Curb and 36" Sidewalls	\$185	LF	9,073	\$1,678,600
Bio-soil Media	\$250	CY	1,331	\$332,800
Pervious pavement	\$15	SF	9,583	\$143,700
Underdrains	\$5	SF	33,541	\$167,700
Drain Rock Subbase	\$150	CY	1,242	\$186,300
Plantings & Mulch	\$22	SF	23,958	\$527,100
Catch Basin Relocation	\$7,500	EA	11	\$82,500
Storm Drain Connections	\$5,000	EA	20	\$100,000
CONSTRUCTION SUBTOTAL				\$3,644,000
Mobilization (10% Construction)				\$364,000
Contingency (30% Construction)				\$1,093,000
Design (15% Total)				\$765,000
TOTAL PROJECT COST (DESIGN + CONSTRUCTION)				\$5,866,000

• These are planning-level cost estimates (\$2018) for design and construction. Soft costs for City administration and project management and post-construction operations and maintenance are not included. Other factors that may affect the cost of future construction include escalation and market conditions.

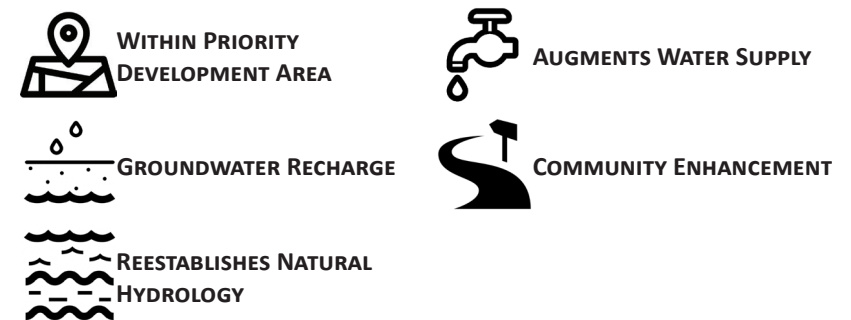
• This cost estimate only includes stormwater management components appropriately sized to treat runoff from the project area. The City of Cupertino will procure additional funding for non-stormwater related components of the complete street retrofit.

CONCEPT EFFECTIVENESS (ANNUAL AVERAGE)



- Effectiveness is defined as the modeled ability of the proposed project to capture stormwater runoff from the management area, remove the identified constituents from that stormwater, and infiltrate or reuse the captured water.
- For planning purposes, recharge is approximated as being equivalent to infiltration if the project is located in the groundwater recharge zone.
- Modeling and performance estimates are based on an historical rainfall time series from water year 2007 through water year 2015.

ADDITIONAL POTENTIAL BENEFITS



PARADIGM
ENVIRONMENTAL

Lotus Water

MARY AVENUE GREEN STREET

ADDITIONAL CONSIDERATIONS

This project concept is planning-level and subject to revision as additional information related to geotechnical, environmental, and stakeholder considerations becomes available. Factors to be considered include but are not limited to the following:

- » **Infiltration Potential.** The project is in a designated recharge area. The map of Depth to First Groundwater for the Santa Clara Basin in Appendix A of the SCVURPPP C.3 Stormwater Handbook shows depth to groundwater as approximately 50 feet; therefore, no conflicts with groundwater are anticipated. The NRCS SSURGO database lists soils in the projects area as having an infiltration capacity of 0.20-0.57 in/hr; facilities are assumed to require installation of an underdrained. Undrained facilities are not lined and, therefore, a portion of the stormwater entering the facility will infiltrate into underlying soil. Site-specific infiltration tests should be performed during early design so that facilities are adequately sized and drained.
- » **Parking Analysis.** Mary Avenue is currently used for all-day parking by visitors, particularly DeAnza College students. Instituting metering or parking permits would encourage students to park at the college, which appears to have capacity but is not free of charge.
- » **Utility Coordination.** Additional spatial data showing all utility mains along the roadway corridor should be collected and evaluated for potential conflicts; proposed facility locations should be adjusted as necessary to avoid any identified conflicts.
- » **Historical Lead Contamination.** There is historical lead contamination in the landscape between Mary Avenue and Hwy 85. Lead was detected above background levels and impacted soil offhauled for proper disposal during construction of the Mary Avenue Dog Park.
- » **Stakeholder Coordination.** Outreach should be conducted to area residents and others that may be affected by roadway configuration changes and less on-street parking.
- » **The Oaks shopping center** at the intersection of Stevens Creek Blvd is likely to be redeveloped in the coming years, and retrofit of its parking lot area may provide an additional synergy opportunity.
- » **Maintaining traffic flow and adequate parking while improving pedestrian and bicycle safety** will transform Mary Avenue into a critical link in Cupertino's Safe Routes to School network.

Appendix C

Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects

BASMAA Development Committee
Guidance for Identifying Green Infrastructure Potential
in Municipal Capital Improvement Program Projects
May 6, 2016

Background

In the recently reissued [Municipal Regional Stormwater Permit](#) (“MRP 2.0”), Provision C.3.j. requires Permittees to develop and implement Green Infrastructure Plans to reduce the adverse water quality impacts of urbanization on receiving waters over the long term. Provisions C.11 and C.12 require the Permittees to reduce discharges of Mercury and PCBs, and portion of these load reductions must be achieved by implementing Green Infrastructure. Specifically, Permittees collectively must implement Green Infrastructure to reduce mercury loading by 48 grams/year and PCB loading by 120 grams/year by 2020, and plan for substantially larger reductions in the following decades. Green Infrastructure on both public and private land will help to meet these load reduction requirements, improve water quality, and provide multiple other benefits as well. Implementation on private land is achieved by implementing stormwater requirements for new development and redevelopment (Provision C.3.a. through Provision C.3.i.). These requirements were carried forward, largely unchanged, from MRP 1.0.

MRP 2.0 defines Green Infrastructure as:

Infrastructure that uses vegetation, soils, and natural processes to manage water and create healthier urban environments. At the scale of a city or county, green infrastructure refers to the patchwork of natural areas that provides habitat, flood protection, cleaner air, and cleaner water. At the scale of a neighborhood or site, green infrastructure refers to stormwater management systems that mimic nature by soaking up and storing water.

In practical terms, most green infrastructure will take the form of diverting runoff from existing streets, roofs, and parking lots to one of two stormwater management strategies:

1. Dispersal to vegetated areas, where sufficient landscaped area is available and slopes are not too steep.
2. LID (bioretention and infiltration) facilities, built according to criteria similar to those currently required for regulated private development and redevelopment projects under Provision C.3.

In some cases, the use of tree-box-type biofilters may be appropriate¹. In other cases, where conditions are appropriate, existing impervious pavements may be removed and replaced with pervious pavements.

In MRP 2.0, Provision C.3.j. includes requirements for Green Infrastructure planning and implementation. Provision C.3.j. has two main elements to be implemented by municipalities:

1. Preparation of a Green Infrastructure Plan for the inclusion of LID drainage design into storm drain infrastructure on public and private land, including streets, roads, storm drains, etc.
2. Early implementation of green infrastructure projects (“no missed opportunities”),

This guidance addresses the second of these requirements. The intent of the “no missed opportunities” requirement is to ensure that no major infrastructure project is built without assessing the opportunity for incorporation of green infrastructure features.

Provision C.3.j.ii. requires that each Permittee prepare and maintain a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term (not including C.3-regulated projects), and infrastructure projects planned for

¹ Standard proprietary tree-box-type biofilters are considered to be non-LID treatment and will only be allowed under certain circumstances. Guidance on use and sizing of these facilities will be provided in a separate document.

implementation during the permit term that have potential for green infrastructure measures. The list must be submitted with each Annual Report, including:

“... a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practical during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description for the project and the reasons green infrastructure measures were impracticable to implement”.

This requirement has no specified start date; “during the permit term” means beginning January 1, 2016 and before December 31, 2020. The first Annual Report submittal date will be September 30, 2016.

Note that this guidance primarily addresses the review of proposed or planned public projects for green infrastructure opportunities. The Permittee may also be aware of proposed or planned private projects, not subject to LID treatment requirements, that may have the opportunity to incorporate green infrastructure. These should be addressed in the same way as planned public projects, as described below.

Procedure for Review of Planned Public Projects and Annual Reporting

The municipality’s Capital Improvement Program (CIP) project list provides a good starting point for review of proposed public infrastructure projects. Review of other lists of public infrastructure projects, such as those proposed within separately funded special districts (e.g., lighting and landscape districts, maintenance districts, and community facilities districts), may also be appropriate. This section describes a two-part procedure for conducting the review.

Part 1 – Initial Screening

The first step in reviewing a CIP or other public project list is to screen out certain types of projects from further consideration. For example, some projects (e.g., interior remodels, traffic signal replacement) can be readily identified as having no green infrastructure potential. Other projects may appear on the list with only a title, and it may be too early to identify whether green infrastructure could be included. Still others have already progressed past the point where the design can reasonably be changed (this will vary from project to project, depending on available budget and schedule).

Some “projects” listed in a CIP may provide budget for multiple maintenance or minor construction projects throughout the jurisdiction or a portion of the jurisdiction, such as a tree planting program, curb and sidewalk repair/upgrade, or ADA curb/ramp compliance. It is recommended that these types of projects not be included in the review process described herein. The priority for incorporating green infrastructure into these types of projects needs to be assessed as part of the Permittees’ development of Green Infrastructure Plans, and standard details and specifications need to be developed and adopted. During this permit term, Permittees will evaluate select projects, project types, and/or groups of projects as case studies and develop an approach as part of Green Infrastructure planning.

The projects removed through the initial screening process do not need to be reported to the Water Board in the Permittee’s Annual Report. However, the process should be documented and records kept as to the reason the project was removed from further consideration. Note that projects that were determined to be too early to assess will need to be reassessed during the next fiscal year’s review.

The following categories of projects may be screened out of the review process in a given fiscal year:

1. **Projects with No Potential** - The project is identified in initial screening as having no green infrastructure potential based on the type of project. For example, the project does not include any exterior work. Attachment 1 provides a suggested list of such projects that Permittees may use as a model for their own internal process.

2. **Projects Too Early to Assess** – There is not yet enough information to assess the project for green infrastructure potential, or the project is not scheduled to begin design within the permit term (January 2016 – December 2020). If the project is scheduled to begin within the permit term, an assessment will be conducted if and when the project moves forward to conceptual design.
3. **Projects Too Late to Change** – The project is under construction or has moved to a stage of design in which changes cannot be made. The stage of design at which it is too late to incorporate green infrastructure measures varies with each project, so a “percent-complete” threshold has not been defined. Some projects may have funding tied to a particular conceptual design and changes cannot be made even early in the design process, while others may have adequate budget and time within the construction schedule to make changes late in the design process. Agencies will need to make judgments on a case-by-case basis.
4. **Projects Consisting of Maintenance or Minor Construction Work Orders** – The “project” includes budgets for multiple maintenance or minor construction work orders throughout the jurisdiction or a portion of the jurisdiction. These types of projects will not be individually reviewed for green infrastructure opportunity but will be considered as part of a municipality’s Green Infrastructure Plan.

Part 2 – Assessment of Green Infrastructure Potential

After the initial screening, the remaining projects either already include green infrastructure or will need to go through an assessment process to determine whether or not there is potential to incorporate green infrastructure. A recommended process for conducting the assessment is provided later in this guidance. As a result of the assessment, the project will fall into one of the following categories with associated annual reporting requirements. Attachment 2 provides the relevant pages of the FY 15-16 Annual Report template for reference.

- **Project is a C.3-regulated project and will include LID treatment.**

Reporting: Follow current C.3 guidance and report the project in Table C.3.b.iv.(2) of the Annual Report for the fiscal year in which the project is approved.

- **Project already includes green infrastructure and is funded.**

Reporting: List the project in “Table B-Planned Green Infrastructure Projects” in the Annual Report, indicate the planning or implementation status, and describe the green infrastructure measures to be included.

- **Project may have green infrastructure potential** pending further assessment of feasibility, incremental cost, and availability of funding.

Reporting: If the feasibility assessment is not complete and/or funding has not been identified, list the project in “Table A-Public Projects Reviewed for Green Infrastructure” in the Annual Report. In the “GI Included?” column, state either “TBD” (to be determined) if the assessment is not complete, or “Yes” if it has been determined that green infrastructure is feasible. In the rightmost column, describe the green infrastructure measures considered and/or proposed, and note the funding and other contingencies for inclusion of green infrastructure in the project. Once funding for the project has been identified, the project should be moved to “Table B-Planned Green Infrastructure Projects” in future Annual Reports.

- **Project does not have green infrastructure potential.** A project-specific assessment has been completed, and Green Infrastructure is impracticable.

Reporting: In the Annual Report, list the project in “Table A-Public Projects Reviewed for Green Infrastructure”. In the “GI Included?” column, state “No.” Briefly state the reasons for the determination in the rightmost column. Prepare more detailed documentation of the reasons for the determination and keep it in the project files.

Process for Assessing Green Infrastructure Potential of a Public Infrastructure Project

Initial Assessment of Green Infrastructure Potential

Consider opportunities that may be associated with:

- Alterations to roof drainage from existing buildings
- New or replaced pavement or drainage structures (including gutters, inlets, or pipes)
- Concrete work
- Landscaping, including tree planting
- Streetscape improvements and intersection improvements (other than signals)

Step 1: Information Collection/Reconnaissance

For projects that include alterations to building drainage, identify the locations of roof leaders and downspouts, and where they discharge or where they are connected to storm drains.

For street and landscape projects:

- Evaluate potential opportunities to substitute pervious pavements for impervious pavements.
- Identify and locate drainage structures, including storm drain inlets or catch basins.
- Identify and locate drainage pathways, including curb and gutter.

Identify landscaped areas and paved areas that are adjacent to, or down gradient from, roofs or pavement. These are potential facility locations. *If there are any such locations, continue to the next step.* Note that the project area boundaries may be, but are not required to be, expanded to include potential green infrastructure facilities.

Step 2: Preliminary Sizing and Drainage Analysis

Beginning with the potential LID facility locations that seem most feasible, identify possible pathways to direct drainage from roofs and/or pavement to potential LID facility locations—by sheet flow, valley gutters, trench drains, or (where gradients are steeper) via pipes, based on existing grades and drainage patterns. Where existing grades constrain natural drainage to potential facilities, the use of pumps may be considered (as a less preferable option).

Delineate (roughly) the drainage area tributary to each potential LID facility location. Typically, this requires site reconnaissance, which may or may not include the use of a level to measure relative elevations.

Use the following preliminary sizing factor (facility area/tributary area) for the potential facility location and determine which of the following could be constructed within the existing right-of-way or adjacent vacant land. Note that these sizing factors are guidelines (not strict rules, but targets):

- Sizing factor ≥ 0.5 for dispersal to landscape or pervious pavement² (i.e., a maximum 2:1 ratio of impervious area to pervious area)
- Sizing factor ≥ 0.04 for bioretention
- Sizing factor ≥ 0.004 (or less) for tree-box-type biofilters

For bioretention facilities requiring underdrains and tree-box-type biofilters, note if there are potential connections from the underdrain to the storm drain system (typically 2.0 feet below soil surface for bioretention facilities, and 3.5 feet below surface for tree-box-type biofilters).

² Note that pervious pavement systems are typically designed to infiltrate only the rain falling on the pervious pavement itself, with the allowance for small quantities of runoff from adjacent impervious areas. If significant runoff from adjacent areas is anticipated, preliminary sizing considerations should include evaluation of the depth of drain rock layer needed based on permeability of site soils.

If, in this step, you have confirmed there may be feasible potential facility locations, *continue to the next step.*

Step 3: Barriers and Conflicts

Note that barriers and conflicts do not necessarily mean implementation is infeasible; however, they need to be identified and taken into account in future decision-making, as they may affect cost or public acceptance of the project.

Note issues such as:

- Confirmed or potential conflicts with subsurface utilities
- Known or unknown issues with property ownership, or need for acquisition or easements
- Availability of water supply for irrigation, or lack thereof
- Extent to which green infrastructure is an “add on” vs. integrated with the rest of the project

Step 4: Project Budget and Schedule

Consider sources of funding that may be available for green infrastructure. It is recognized that lack of budget may be a serious constraint for the addition of green infrastructure in public projects. For example, acquisition of additional right-of-way or easements for roadway projects is not always possible. Short and long term maintenance costs also need to be considered, and jurisdictions may not have a funding source for landscape maintenance, especially along roadways. The objective of this process is to identify opportunities for green infrastructure, so that if and when funding becomes available, implementation may be possible.

Note any constraints on the project schedule, such as a regulatory mandate to complete the project by a specific date, grant requirements, etc., that could complicate aligning a separate funding stream for the green infrastructure element. Consider whether cost savings could be achieved by integrating the project with other planned projects, such as pedestrian or bicycle safety improvement projects, street beautification, etc., if the schedule allows.

Step 5: Assessment—Does the Project Have Green Infrastructure Potential?

Consider the ancillary benefits of green infrastructure, including opportunities for improving the quality of public spaces, providing parks and play areas, providing habitat, urban forestry, mitigating heat island effects, aesthetics, and other valuable enhancements to quality of life.

Based on the information above, would it make sense to include green infrastructure into this project—if funding were available for the potential incremental costs of including green infrastructure in the project? Identify any additional conditions that would have to be met for green infrastructure elements to be constructed consequent with the project.

Attachment 1

Examples of Projects with No Potential for Green Infrastructure

- ☐ Projects with no exterior work (e.g., interior remodels)
- ☐ Projects involving exterior building upgrades or equipment (e.g., HVAC, solar panels, window replacement, roof repairs and maintenance)
- ☐ Projects related to development and/or continued funding of municipal programs or related organizations
- ☐ Projects related to technical studies, mapping, aerial photography, surveying, database development/upgrades, monitoring, training, or update of standard specs and details
- ☐ Construction of new streetlights, traffic signals or communication facilities
- ☐ Minor bridge and culvert repairs/replacement
- ☐ Non-stormwater utility projects (e.g., sewer or water main repairs/replacement, utility undergrounding, treatment plant upgrades)
- ☐ Equipment purchase or maintenance (including vehicles, street or park furniture, equipment for sports fields and golf courses, etc.)
- ☐ Irrigation system installation, upgrades or repairs

Attachment 2

**Excerpts from the C.3 Section of the FY 15-16 Annual Report Template:
Tables for Reporting C.3-Regulated Projects and Green Infrastructure Projects**

Permittee Name: _____

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) –
Projects Approved During the Fiscal Year Reporting Period**

Project Name Project No.	Project Location ⁹ , Street Address	Name of Developer	Project Phase No. ¹⁰	Project Type & Description ¹¹	Project Watershed ¹²	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹³	Total Replaced Impervious Surface Area (ft ²) ¹⁴	Total Pre-Project Impervious Surface Area ¹⁵ (ft ²)	Total Post-Project Impervious Surface Area ¹⁶ (ft ²)
Private Projects											
Public Projects											
Comments:											
Guidance: If necessary, provide any additional details or clarifications needed about listed projects in this box. Do not leave any cells blank.											

⁹Include cross streets¹⁰If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".¹¹Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.¹²State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.¹³All impervious surfaces added to any area of the site that was previously existing pervious surface.¹⁴All impervious surfaces added to any area of the site that was previously existing impervious surface.¹⁵For redevelopment projects, state the pre-project impervious surface area.¹⁶For redevelopment projects, state the post-project impervious surface area.

Permittee Name: _____

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year
Reporting Period (public projects)

Project Name Project No.	Approval Date ²⁹	Date Construction Scheduled to Begin	Source Control Measures ³⁰	Site Design Measures ³¹	Treatment Systems Approved ³²	Operation & Maintenance Responsibility Mechanism ³³	Hydraulic Sizing Criteria ³⁴	Alternative Compliance Measures ^{35/36}	Alternative Certification ³⁷	HM Controls ^{38/39}
Public Projects										

Comments:

Guidance: If necessary, provide any additional details or clarifications needed about listed projects in this box. Note that MRP Provision C.3.c. contains specific requirements for LID site design and source control measures, as well as treatment measures, for all Regulated Projects. Entries in these columns should not be "None" or "NA". Do not leave any cells blank.

²⁹For public projects, enter the plans and specifications approval date.

³⁰List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³¹List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

³²List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

³³List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

³⁴See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

³⁵For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

³⁶For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

³⁷Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁸If HM control is not required, state why not.

³⁹If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

Permittee Name: _____

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

Project Name and Location ⁴³	Project Description	Status ⁴⁴	GI Included? ⁴⁵	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁶
EXAMPLE: Storm drain retrofit, Stockton and Taylor	Installation of new storm drain to accommodate the 10-yr storm event	Beginning planning and design phase	TBD	Bioretention cells (i.e., linear bulb-outs) will be considered when street modification designs are incorporated

C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects

Project Name and Location ⁴⁷	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
EXAMPLE: Martha Gardens Green Alleys Project	Retrofit of degraded pavement in urban alleyways lacking good drainage	Construction completed October 17, 2015	The project drains replaced concrete pavement and existing adjacent structures to a center strip of pervious pavement and underlying infiltration trench.

⁴³ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁴ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁵ Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

⁴⁶ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

⁴⁷ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.