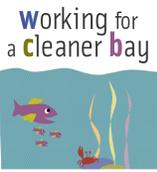


City of Santa Monica - Suggested List of Modular Permeable Paving Products



Material	Plastic					Concrete				Asphalt
Product Names	Grass Paver	GrassPave GravelPave	TuffTRack Grassroad Pavers8 PLUS	Grassy Pavers Edgemark	Geoblock Geoweb	Ecostone Spectrum Turfblock	Porous Concrete	Grasscrete	Ecostone	Porous Asphalt
Company Name	Atlantis Stormwater Management Solutions	Invisible Structures	NDS, Inc.	RK Manufacturing	Soil Stabilization Products Co., Inc.	Acker-Stone	California Nevada Cement Promotion Council	Sullivan Concrete	Uni-Group USA	National Asphalt Pavement Assoc.
Street #	3940	20100	851			13296	5841	1111	4362	5100
Street Name	Laurel Canyon Blvd. #856	E. 35th Drive	N. Harvard Ave.			Temescal Canyon Road	Amaro Drive	Baker Street	Northlake Blvd., #207	Forbes Blvd.
P.O. Box				1739	2779					
City	Studio City	Aurora	Lindsay	Ridgeland	Merced	Corona	San Diego	Costa Mesa	Palm Beach Gardens	Lanham
State	CA	CO	CA	MS	CA	CA	CA	CA	FL	MD
Zip	91604	80011	93247	39157	95344-0779	92883-5299	92124	92626-4114	33410	20706-4407
Phone 1	(818) 905-7582	(800) 233-1510	(800) 726-1994	(800) 957-5575	(800) 523-9992	(800) 258-2353	(858) 541-0180	(800) 447-8559	(561) 626-4666	(888) 468-6499
Phone 2		(303) 373-1234	(559) 562-9888	(601) 502-1324	(209) 383-3296	(909) 674-0047	(858) 437-1445	(714) 556-7633		(301) 731-4748
Phone 3		(714) 536-3772								
Fax 1	(818) 905-7582	(800) 233-1522	(800) 726-1998	(601) 502-1338	(209) 383-7849	(909) 674-0477	(858) 541-0180	(714) 755-5541	(561) 627-6403	(301) 731-4621
Fax 2		(303) 373-1223	(559) 562-4488	(559) 562-4488						
Est. Price/SQ FT	\$2	\$1.16-1.86	\$5-5.40	\$1.25	\$3-3.60	\$1.50-1.75		\$8	\$1.50-1.75	
E-Mail 1	stormh2osolution@earthlink.net	sales@invisiblestructures.com	ndspro@aol.com	sjohnson@rkmfg.com	aluxon@sspco.org	pavers@ackerstone.com	david.akers@cncpc.org	sct@deltanet.com	unigroup@usu.net	napa@hotmail.com
E-Mail 2		alastuck@ibm.net						bomanite@bomanite.com		
Web Site 1	www.atlantiscorp.com.au	www.invisiblestructures.com	www.ndspro.com	www.rkmfg.com	www.sspco.org	www.ackerstone.com	www.cncpc.org	www.grasscrete.com	www.uni-groupusa.org	www.hotmix.org
Web Site 2			www.grassroad.com	rkmfg.com				www.sullivanconcrete.com		

For additional information, including other products and suppliers in other parts of the country, updates, handouts and web sites, contact the City's Urban Runoff Management Coordinator, 310.458.8223

The City is not responsible for any damages to property or life as a result of these products.
 The City is not responsible for any Americans with Disabilities Act compliance issues with regard to the use of these products. Please contact the vendor.
 Please follow the manufacturers' specifications for preparation, installation and maintenance of these products. Estimated Prices/SQ FT are from 2002.

Example Best Management Practices (BMPs)



The following are examples of BMPs that can be used to minimize into the storm water conveyance system the introduction of pollutants of concern, which are generated from site runoff and may result in significant impacts to the ocean environment.

- Provide reduced width sidewalks and incorporate landscaped buffer areas between sidewalks and streets. However, sidewalk widths must still comply with regulations for the Americans with Disabilities Act and other life-safety requirements.
- Design residential streets for the minimum required pavement widths needed to comply with all zoning and applicable ordinances to support travel lanes; on-street parking; emergency, maintenance, and service vehicle access; sidewalks; and vegetated open channels.
- Comply with all zoning and applicable ordinances to minimize the width of residential streets, cul-de-sacs and incorporate landscaped areas to reduce their impervious cover. The radius of cul-de-sacs should be the minimum required to accommodate emergency and maintenance vehicles. Alternative turnarounds should be considered.
- Use permeable materials for private sidewalks, driveways, parking lots, or interior roadway surfaces (examples: hybrid lots, parking groves, permeable overflow parking, modular pavers (plastic, concrete) etc.).
- Use open space development that incorporates smaller footprint building sizes.
- Reduce building density.
- Comply with all zoning and applicable ordinances to reduce overall lot imperviousness by promoting alternative driveway surfaces and shared driveways that connect two or more homes together.
- Comply with all zoning and applicable ordinances to reduce the overall imperviousness associated with parking lots by providing compact car spaces, minimizing stall dimensions, incorporating efficient parking lanes, and using pervious materials in parking areas.
- Direct rooftop runoff to pervious areas, such as yards, open channels, rain gardens, or vegetated areas, and avoid routing rooftop runoff to the alley, parking area, street gutter, which all enter the storm water conveyance system. This is called downspout disconnection or redirect from impermeable areas; many home improvement stores sell these devices (flexible, stretchable hoses attached to end of downspout) to direct runoff to the landscape area.

- Vegetated swales, rain gardens and biofilters
- Extended/dry detention basins
- Infiltration basins/trenches (drywells)
- Wet ponds
- Constructed wetlands
- Oil/Water separators/clarifiers
- Catch basin inserts/screens
- Storm drain inserts/screens
- Vortex-type flow deflective, separation systems
- Media filtration
- Bioretention facility
- Cisterns
- Perimeter planters
- Normal flow storage/ separation systems
- Filtration systems
- Downspout Inserts
- Green or Eco roofs
- Tree and other vegetated sidewalk wells (biofilter)
- Street bulb-outs or curb extensions (biofilter)

