

## DMD / Storm Drainage

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<u>Project Title</u>	<u>2011</u>	<u>Scope</u>
<b>NPDES Stormwater Quality</b>	\$1,200,000	This project involves work activities to achieve compliance with our EPA Municipal Separate Storm Sewer (MS4) permit. This could include Public Education, Public Involvement, Best Management Practices, Stormwater Monitoring, Design and Construct facilities for the purpose of removing or reducing contaminants in the storm runoff.
<b>District 3 Storm Drain Improvements</b>	\$1,000,000	Plan, design, construct storm drain improvements in the Broadway, Santa Barbara-Martinez area, and Barelás Neighborhood area. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Emergency Action Plan</b>	\$100,000	Planning, design, engineering analysis and other engineering services required in the preparation of Emergency Action Plan for Arroyo Del Oso dam.
<b>Broadway Pump Station Reconstruction</b>	\$5,000,000	This project includes major reconstruction of the facility including replacing all pumps, increasing the volume of the wet well, replacing electrical service, pump controls and surrounding piping.
<b>Osuna Road NW Storm Drain</b>	\$400,000	Plan, design and construct storm drainage improvements within Osuna Road and the Osuna/Jefferson intersection. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Storm Drainage Rehabilitation</b>	\$450,000	Plan, design and construct improvements to storm drainage facilities City-wide where immediate attention is needed or where the scope of the project is too small to justify an individual project. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project. Scope also includes replacement of heavy equipment for storm drain maintenance and channel rehabilitation.
<b>Replacement of Arroyo Dip Crossings</b>	\$600,000	Design and construct all weather crossing structures over various arroyos to improve safety of the driving public. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.

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<b>Alameda Riverside Drains Rehabilitation</b>	\$200,000	Design and construct facilities to provide for use of these drains as flood control facilities as generally described in the 1991 Alameda and Riverside Drains Engineering Analysis. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Volcano Cliffs Drainage Improvements</b>	\$500,000	Plan, design and construct drainage improvements in the Volcano Cliffs vicinity to provide flood control in the area. Improvements may include ponding areas, stormwater quality facilities, arroyo stabilization, storm drains, and possible street crossing structures. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Storm System Water Quality Facilities</b>	\$400,000	Plan, design and construct Best Management Practice facilities and related improvements to improve stormwater quality. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Bryn Mawr &amp; Aztec System</b>	\$450,000	Plan, design and construct storm drainage facilities, stormwater quality and related improvements to reduce flooding risk and improve stormwater quality. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Pump Station Rehabilitation</b>	\$250,000	Plan, design, construct and purchase related equipment for improvements to existing storm drainage pump stations. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>San Pedro Storm Drain NAA, Phase II</b>	\$1,800,000	Design and construct Phase II of storm drain improvements in San Pedro which connects Phase I improvements to Alameda Blvd. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Advanced Planning and Engineering (Hydrology)</b>	\$100,000	This project is used to do long term planning and drainage management studies to help provide a logical and meaningful Storm Drainage Program. This project is also used to fund the planning, design, land acquisition and construction of individual projects as necessary.

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<b>Economic Development and Community Vitality</b>	\$500,000	Plan, design and construct improvements to storm drainage facilities City-wide. This project may include right-of-way acquisition, utility relocations, drainage inlets and small equipment/furnishings associated with the project.
<b>Total</b>	<b>\$12,950,000</b>	