

Ten Year Capital Summary

| Traffic Improvement | | | | | | |
|--|--------|--------|--------|---------------------|-------------------|--|
| Project | Proj # | Type | Source | 2011-12 | 2012-13 | |
| Pavement Rehabilitation | | | | | | |
| Brookhurst - Heil/NCL | 999 | Rehab. | M2 | - | - | |
| Brookhurst - Talbert/Slater | 999 | Rehab. | M2 | - | - | |
| Brookhurst - Garfield to Talbert | 999 | Rehab. | M2 | - | - | |
| Brookhurst - Slater to Warner | 999 | Rehab. | M1 | 400,000 | - | |
| Bushard - Warner/Edinger | 999 | Rehab. | M2 | - | - | |
| Bushard - Ellis/Talbert | 363 | Rehab. | M2 | - | - | |
| Bushard - Garfield/Talbert | 999 | Rehab. | M2 | - | - | |
| Edinger - Harbor to ECL & Euclid - Edinger to NCL | 556 | Rehab. | M1 | 225,000 | - | |
| Edinger - Newhope/Harbor | 999 | Rehab. | M2 | - | - | |
| Edinger - Brookhurst to Euclid & Ward - Edinger to NCL | 999 | Rehab. | M2 | - | - | |
| Ellis - Newland/Bushard | 999 | Rehab. | M2 | - | - | |
| Euclid - Ellis/Warner | 999 | Rehab. | FVACD | - | - | |
| Euclid - Warner/North City Limits | 999 | Rehab. | M2 | - | - | |
| Harbor - S. City Limit to N. City Limit | 999 | Rehab. | M2 | - | - | |
| Magnolia - Garfield/Talbert | 999 | Rehab. | M2 | - | - | |
| Magnolia - Talbert/Warner | 999 | Rehab. | M2 | - | 500,000 | |
| Newhope - Euclid/Warner | 999 | Rehab. | FVACD | - | - | |
| Slater - I-405/Euclid | 999 | Rehab. | M2 | - | - | |
| Slater - Newland/Magnolia | 999 | Rehab. | M2 | - | 300,000 | |
| Talbert - Magnolia/Bushard | 999 | Rehab. | M2 | - | - | |
| Talbert - Newland to Magnolia | 999 | Rehab. | M2 | - | - | |
| Ward - Garfield/I-405 | 999 | Rehab. | FVACD | 500,000 | - | |
| Ward - I-405/Warner | 999 | Rehab. | M2 | - | - | |
| Edinger - Bushard/Brookhurst | 199 | Rehab. | M1 | 450,000 | - | |
| Warner - Bushard/Euclid | 999 | Rehab. | M2 | - | - | |
| Warner - Euclid/Santa Ana River | 999 | Rehab. | FVACD | - | - | |
| Warner - Newland/Magnolia | 999 | Rehab. | M2 | - | - | |
| Total Pavement Rehabilitation | | | | \$ 1,575,000 | \$ 800,000 | |
| Signal & Signage | | | | | | |
| Citywide Signal Retiming | 029 | SIG | M2 | - | - | |
| Citywide Traffic Signal Timing Maintenance | 160 | SIG | M1 | 65,000 | 65,000 | |
| Warner Traffic Signal Synchronization | 999 | TSSP | M1 | 40,000 | - | |
| Talbert Traffic Signal Synchronization | 999 | TSSP | M1 | 40,000 | - | |
| Euclid Traffic Signal Synchronization | 999 | TSSP | M1 | 40,000 | - | |
| Traffic Model Update | 009 | RPT | M2 | - | 40,000 | |
| Traffic Signal Upgrade @ Warner/Newhope + Euclid/Heil | 107 | SIG | M1 | 400,000 | - | |
| Total Signal & Signage | | | | \$ 585,000 | \$ 105,000 | |
| Total Traffic Improvement Projects | | | | \$ 2,160,000 | \$ 905,000 | |

Ten Year Capital Summary

| 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| - | - | - | - | 450,000 | - | - | - |
| - | - | - | - | - | 400,000 | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | 400,000 | - |
| - | 400,000 | - | - | - | - | - | - |
| - | - | - | - | - | - | 400,000 | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | 700,000 | - | - | - | - | - | - |
| - | - | - | - | - | - | - | 600,000 |
| 1,000,000 | - | - | - | - | - | - | - |
| 700,000 | - | - | - | - | - | - | - |
| - | 600,000 | - | - | - | - | - | - |
| - | - | - | - | 500,000 | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | 1,000,000 | - | - | - | - |
| - | - | - | - | - | 800,000 | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | 300,000 |
| - | - | - | - | - | - | - | 300,000 |
| - | - | - | 650,000 | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | 1,000,000 | - | - | - | - | - |
| - | - | 800,000 | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| \$ 1,700,000 | \$ 1,700,000 | \$ 1,800,000 | \$ 1,650,000 | \$ 950,000 | \$ 1,200,000 | \$ 800,000 | \$ 1,200,000 |
| 200,000 | - | - | 200,000 | - | - | 200,000 | - |
| 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| \$ 265,000 | \$ 65,000 | \$ 65,000 | \$ 265,000 | \$ 65,000 | \$ 65,000 | \$ 265,000 | \$ 65,000 |
| \$ 1,965,000 | \$ 1,765,000 | \$ 1,865,000 | \$ 1,915,000 | \$ 1,015,000 | \$ 1,265,000 | \$ 1,065,000 | \$ 1,265,000 |

Ten Year Capital Summary

| Water | 2011-2012 | 2012-2013 | 2013-2014 |
|--------------------------------------|------------------|------------------|------------------|
| Projects | | | |
| Rehabilitation Projects | | | |
| Well Site No. 4 | - | - | - |
| Well Site No. 8 | - | - | - |
| Well Site No. 10 | 200,000 | - | 280,000 |
| Well Site No. 11 | 200,000 | - | - |
| Well Site No. 12 | - | - | - |
| Reservoir No. 1 | 4,000,000 | - | - |
| Reservoir No. 2 | 300,000 | 5,000,000 | - |
| Pipeline Replacement | - | - | 1,500,000 |
| Hydrant Replacement | 20,000 | 20,000 | 20,000 |
| Water Meter Replacement | 280,000 | 280,000 | 280,000 |
| New Facility Projects | | | |
| Well Site No. 9 | - | - | - |
| MWD Connection No. 2 | - | - | 500,000 |
| Chlorine Generator's | - | - | - |
| Security System | - | - | - |
| Other | | | |
| Water Conservation | 100,000 | 100,000 | 100,000 |
| Transfers for Valve Adjusting - Road | 120,000 | 120,000 | 120,000 |
| Other Capital Projects | | | |
| Shallow Well Feasibility Study | - | - | - |
| GIS Update | - | 50,000 | - |
| Rate Study | - | 50,000 | - |
| Meter Reading (ITRON) | 65,000 | - | - |
| Water Delivery (SCADA) | - | - | - |
| Master Plan | 100,000 | - | - |
| Urban Water Management Plan | - | - | - |
| Total Water Projects | 5,385,000 | 5,620,000 | 2,800,000 |

Ten Year Capital Summary

| 2014-2015 | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 | 2020-21 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| - | - | - | - | - | - | - |
| 200,000 | 350,000 | - | - | - | - | - |
| - | - | - | - | - | - | - |
| 280,000 | - | - | - | - | - | - |
| - | - | 350,000 | - | - | - | - |
| - | - | - | - | - | - | - |
| 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |
| 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 |
| 280,000 | 280,000 | 280,000 | 280,000 | 280,000 | 280,000 | 280,000 |
| - | - | - | - | - | - | - |
| 3,500,000 | - | - | - | - | - | - |
| - | - | 400,000 | 400,000 | 400,000 | 400,000 | 400,000 |
| - | - | 100,000 | - | - | - | - |
| 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 |
| - | - | - | - | - | - | - |
| 50,000 | - | 50,000 | - | 50,000 | - | 50,000 |
| 50,000 | - | 50,000 | - | - | - | - |
| - | 65,000 | - | - | - | - | - |
| - | - | 100,000 | - | - | - | - |
| - | 55,000 | - | - | - | - | - |
| 55,000 | - | - | - | - | - | - |
| 6,155,000 | 2,490,000 | 3,070,000 | 2,420,000 | 2,470,000 | 2,420,000 | 2,470,000 |

This segment of the budget is dedicated to the Special Revenue and Capital Project Funds.

Special Revenue Funds are funds that are legally restricted to be used for specified purposes. The City's Special Revenue Funds consist of a Gas Tax Fund, Measure M2, Traffic Improvement Fund, and Pollution Reduction Fund. The 2011/2012 expenditure budget for Special Revenue Funds total \$8,547,938.

Capital Project Fund resources are used for the acquisition or construction of major capital facilities, infrastructure needs, and purchase of equipment. The City's Capital Project Funds include the Drainage and Sewer Assessment Funds. These funds commonly support individual projects rather than ongoing expenditures associated with the operation of City services. Therefore, unlike the operating programs of the General Fund, expenditures in these funds, can increase or decrease significantly from year to year depending on the projects undertaken. The combined total proposed for capital expenditure in this group of funds is \$2,709,000 for Fiscal Year 2011/2012.

A brief summary of activity and financial resources for the different funds follows. For a more complete understanding of proposed activity for fiscal year 2011/2012, the reader should refer to each individual fund section.

Gas Tax Fund

Collected by the State of California, State Gas Tax Revenues (2106 and 2107), are distributed to cities based on a per capita formula. In 1990-91, cities began receiving increased Gas Tax funds (Section 2105) due to the passage of Proposition 111. Derived from taxes on gasoline, these funds may be used for street maintenance, right-of-way acquisition, street construction, traffic control, and other related expenditures.

In 2010 the Highway User Tax (Motor Vehicle Tax) added Section 2103 to allocate funds from a new motor vehicle fuel excise tax that replaced previous city and county allocations from the Proposition 42 Sales tax on gasoline.

Historically, the City has used the annual revenues from the gas tax funds on a 50/50 ratio with approximately 50% for maintenance and 50% for capital projects. Population is part of the allocation formula used to distribute gasoline tax and since Fountain Valley's population is fairly static, little or no growth in this revenue source is experienced unless gasoline sales or the sales tax rate of gasoline increases dramatically. For this reason, the City has come to depend heavily on grants from the Orange County Transportation Authority Measure "M" Program as the primary source for financing future public right-of-way projects in the City. The Gas Tax Fund is focused on financing the City's annual residential pavement rehabilitation program.

The proposed expenditures for Fiscal Year 2011/2012 total \$6,261,000. Residential Roadway Rehabilitation and Pavement Management, Traffic Control, Sidewalk, Median Beautification and Arterial Roadway Rehabilitation Maintenance are the five major project categories included in the budget for infrastructure improvements.

Projects scheduled in the Gas Tax Fund for inclusion in the Fiscal Year 2011/2012 budget are as follows:

| | <u>2011/2012</u> |
|--------------------------------------|---------------------|
| Residential Roadway Rehabilitation & | \$ 4,000,000 |
| Traffic Control | \$ 412,500 |
| Sidewalk Improvements | \$ 385,000 |
| Median Beautification | \$ 370,000 |
| Pavement Management | \$ 50,000 |
| Arterial Roadway Rehabilitation | <u>\$ 600,000</u> |
| Total | \$ 5,817,500 |

A nominal amount of \$1,500 has been budgeted each year to facilitate preparation of the Annual Street Report as required by the State of California Streets and Highways Code.

An additional \$442,000 of Gas Tax Funds will be used for projects or activities more appropriately budgeted in other funds, bringing the expenditure total for Fiscal Year 2011/2012 to \$6,261,000.

Projects:

Audible Pedestrian Signals –2011/2012: \$12,500

In 2002, Fountain Valley began the deployment of cutting-edge traffic control devices to provide assistance to visually impaired pedestrians. This year Audible Pedestrian Signal devices will be installed on signal poles at warranted locations in the City to assist visually impaired pedestrians. Replacing existing push button devices, these new buttons will have the same function as the old ones with the following added features:

A locator tone to assist in finding the push button.

A voice message identifying the intersection location and informing the pedestrian when the walk signal is on and for which street.

A vibrating arrow indicating what the voice message says. This feature assists a pedestrian who might be not only audibly impaired but also visually impaired.

Residential Roadway Rehabilitation –2011/2012: \$4,000,000

This budget year continues the Gas Tax Fund's ongoing financing of pavement rehabilitation work on the City's residential roadways. This funding enables the City to maintain its current schedule for complete improvement of its residential streets. In addition, funding for last fiscal year's residential paving project is included. This project is in B4, B5 and B6 and is scheduled for summer of 2011.

Continuing with the successes of this program, more extensive pavement treatments, including AC overlay, will be implemented to: (1) add useful life and strength to the roadway (2) seal the pavement surface; (3) make the pavement impermeable to air and water; (4) improve skid resistance; and (5) improve the street's overall appearance. It is intended that City Sections D6, E4, E5, & E6 will receive a complete street resurfacing via edge grind and cap. Planned for summer of 2012

Newland Avenue – Garfield to Ellis –2011/2012: \$600,000

This will be a collaborative effort between Fountain Valley and Huntington Beach where both Cities will provide comprehensive roadway rehabilitation along Newland Avenue from Garfield to Ellis Curb to Curb.

Euclid Street – I-405 to Condor & Slater Avenue Side Walk Improvements - 2011/2012: \$385,000

This project will provide a sidewalk connection between the existing sidewalk on the south side of at Ellis/I-405 Ramps and Euclid Condor Avenue completing sidewalk connectivity along the south side of Ellis to Euclid/Condor. This project was successfully awarded competitive Federal Grant Funding in the amount of \$228,000.

Brookhurst Street Median Beautification - 2011/2012: \$370,000

This project will provide median beautification along Brookhurst Street from the I-405 to Garfield Avenue This project was successfully awarded competitive Federal Grant Funding in the amount of \$256,000.

LED Countdown Pedestrian Replacement –2011/2012: \$200,000

This project will replace all LED countdown pedestrian signal heads at traffic signals Citywide. Replacement is necessary to provide light output and state-of-the-art technology for optimal pedestrian safety.

LED Signal Head Replacement –2011/2012: \$200,000

This project will replace all LED vehicle signal indications at traffic signals Citywide. Replacement is necessary to maintain a high standard of light output for optimal visibility of traffic signal indicators.

Traffic Improvement Fund

Measure M2 is the 1/2 cent sales tax extension Orange County voters approved in November of 2006 to provide money for projects which will increase roadway capacity, reduce congestion, synchronized traffic signals and improvement pavement conditions throughout the County.

Projects scheduled in the Traffic Improvement Fund for inclusion in the Fiscal Year 2011/2012 budget are as follows:

| | |
|--------------------------|---------------------|
| | <u>2011/2012</u> |
| Pavement Rehabilitations | \$ 1,575,000 |
| Signals | <u>\$ 585,000</u> |
| Total | \$ 2,160,000 |

Arterial Paving –2011/2012: \$1,575,000

Arterial street rehabilitation and resurfacing projects that will utilize Measure M2 and Fountain Valley Agency for Community Development (FVACD) funds for improvement to City arterials include:

2011/2012 - \$1,575,000

- a) Brookhurst – Warner to Slater (\$400,000)
- b) Edinger – Harbor to ECL & Euclid – Edinger to NCL (\$225,000)
- c) Ward – Garfield to I-405 (\$500,000)
- d) Edinger – Bushard to Brookhurst (\$450,000)

Traffic Signals & Signage –2011/2012: \$585,000

2011/2012 - \$585,000

- Citywide Signal Timing and TMC Communication Maintenance (\$65,000)
- Warner Avenue Traffic Signal Synchronization (\$40,000)
- Talbert Avenue Traffic Signal Synchronization (\$40,000)
- Euclid Street Traffic Signal Synchronization (\$40,000)
- Signal Upgrade Warner/Newhope & Euclid/Helt (\$400,000)

Pollution Reduction Fund

The California Legislature adopted AB 2766 in an effort to provide funding for local agencies to develop programs that reduce air pollution. This bill, which became effective April 1, 1991, authorized an additional two-dollar vehicle registration fee for all cars within the South Coast Air Quality Management District (SCAQMD).

The added vehicle registration fee increased to four dollars in 1992. Forty percent (40%) of the fees collected go to local governments to reduce mobile source air pollution.

Fountain Valley has implemented various projects, including:

- Purchase of Alternative and Low Emission Fuel Vehicles.
- Traffic signal synchronization
- Training and equipment necessary for maintenance of alternative fuel vehicles.

SCAQMD officials estimate that Fountain Valley will receive approximately \$65,000 in vehicle registration fee revenues in Fiscal Years 2011/2012. Proposed expenditures include:

| | |
|----------------------------------|-------------------|
| | <u>2011/2012</u> |
| Alternative Fuel Vehicles | \$ 124,000 |
| AQMD Mechanic Training/Operating | <u>\$ 2,938</u> |
| Total | \$ 126,938 |

Alternative Fuel Vehicles - 2011/2012: \$124,000

A transfer into the Fleet Fund has been budgeted for the purchase of an alternative fuel vehicle including hybrid powered replacement vehicles for Public Works uses which comply with low emission SCAQMD regulations. The City's existing Public Works vehicles identified for replacement are beyond the useful service life, are experiencing failures, and are in need of replacement. These vehicles are essential for the proper daily functions critical to Public Works.

Drainage Fund

2011/2012 (\$0)

No drainage Projects are scheduled for 2011/2012.

Sewer Fund

The City of Fountain Valley provides sewer collection service to most areas within its boundaries. The existing wastewater collection system is made up of a network of gravity sewers. The system consists of approximately 133 miles of pipe and 3,050 manholes and cleanouts. The majority of the sewer system was built in the 1960's and 1970's. In May 2011 the City annexed the Garden Grove Sanitary District sewer service area within Fountain Valley, which comprises the properties east of Harbor Blvd. within the City's sphere of influence.

The City's wastewater system is maintained by the Utilities Division, Sewer and Storm Drain branch. This crew routinely cleans the sewers and responds to emergency calls.

The City complies with all Waste Discharge Requirements (WDR) as required by the California Regional Water Quality Control Board and has implemented a Fats, Oils, and Grease (FOG) Program.

The City has completed assessing the condition of its sewer collection system infrastructure through the use of CCTV inspection. The City has begun implementation of the Capital Improvement Program developed as part of the Sewer Master Plan for repair of the sections of sewer mains that have structural deficiencies.

| | <u>2011/2012</u> |
|----------------------------------|---------------------|
| Regulatory Compliance (WDR CCTV) | \$ 509,000 |
| Rehab Sewer Manholes | \$ 150,000 |
| Sewer Master plan Update | \$ 150,000 |
| Sewer line Structural Imp | \$ 1,400,000 |
| Garfield Sewer Capacity Upgrade | <u>\$ 500,000</u> |
| Total | \$ 2,709,000 |

Regulatory Compliance (WDR CCTV) - 2011/2012: \$509,000
 CCTV of City sewer mains for compliance with WDR regulations

Rehabilitation of Sewer Manholes -2011/2012: \$150,000
 Lining and ring/cover replacement.

Sewer Structural Improvements Repair and Replacement -2011/2012: \$1,400,000
 Replacement and lining of sewer lines with structural deficiencies at various locations throughout the City sanitary sewer system

Sewer Master Plan Update -2011/2012: \$150,000
 An update of the Sewer Master plan which revisits sewer project priorities identified in the Sewer Master Plan and balances the sewer master plan schedule with the arterial and residential paving program.

Garfield Sewer Capacity Upgrade - 2011/2012: \$500,000
 Replacement and possible re-routing of the sewer main line along Garfield Street from Brookhurst Street to Bushard Street

Transfers to the Gas Tax and Traffic Improvement Funds for Adjustment of Sewer Manholes to Grade -2011/2012: \$100,000
 The Sewer Fund is providing funding to the Gas Tax and Traffic Improvement Funds to cover costs for the raising of utility covers to finished grade, which is required upon completion of paving.

Operating expenditures for the Sewer Fund are budgeted at \$779,350 totaling out the Sewer Fund expenditures for the 2011/12 fiscal year at \$3,588,350.

Public Improvement Expenditures

