

This item is to recommend City Commission approval of the funds appropriation to facilitate project number 11720 – Imperial Point Large Water Mains Phase II, for the estimated budget amount of \$3,781,739.51 including the construction estimate of \$2,887,099, Keith & Schnars, P.A., Work Authorization 16724.70 Amendment 10, in the amount of \$60,590, engineering fees in the amount of \$496,259.93 and contingencies in the amount of \$337,790.58.

The original (P10571) Imperial Point Large Water Main – Phase I project included the design and construction of 9,750 l.f. of 16-inch and 1,065 l.f. of 10-inch water mains along NE 56 St. between Dixie Highway and NE 22 Avenue and along NE 22 Avenue between NE 56 St. and NE 64 St. The construction of Phase I was completed during 2008.

The bid package - proposal, plans, permitting and specifications - for the construction of Phase II of the project are ready for construction. Project P11720 Imperial Point Large Water Main – Phase II has been created to proceed with the bid and construction of the 16-inch transmission water main. Construction work includes installation of 4,660 l.f. of 16-inch DIP water mains and interconnections to existing water mains in the area. It also includes the installation of 1,100 l.f. of 24-inch directional drill including casing and carrier pipes. P11720 includes trench and road restoration, asphalt, striping and signage restoration per Broward County Minimum standards.

The construction of P11720 will provide the City a very important interconnect between our existing 30-inch DIP WM located at N. Andrews Ave. and the existing 16-inch water main completed during 2008 - Phase I of the project. Such interconnection will ensure future adequate capacity and pressures throughout the Coral Ridge Isles, Imperial Point, Knoll Ridge and North Golf Estates neighborhoods (District I).

Keith and Schnars, P.A., Amendment 10 to Work Authorization 16724.70, in the amount of \$60,590 provides construction phase services during Phase II of the project.

Staff recommends City Commission approval of the \$3,781,739.51 funds appropriation to facilitate the engineering, administration, construction and survey of P11720 – Imperial Point Large Water Main Phase II.

APPROPRIATE FROM:							
FUND	SUBFUND	FUND NAME	INDEX #	INDEX NAME	SUB OBJECT #	SUBOBJECT NAME	AMOUNT
454	01	Water and Sewer General Capital Projects	FD454	N/A	N/A	Undesignated Fund Balance	\$ 3,781,739.51
<b>TOTAL BUDGET APPROPRIATION FROM:</b>							<b>3,781,739.51</b>
APPROPRIATE TO:							
FUND	SUBFUND	FUND NAME	INDEX #	INDEX NAME	SUB OBJECT #	SUBOBJECT NAME	AMOUNT
454	01	Water and Sewer General Capital Projects	P11720.454	Imperial Point Large Water Mains-Phase II	6599	Construction	\$ 3,781,739.51
<b>TOTAL BUDGET APPROPRIATION TO:</b>							<b>3,781,739.51</b>

## Fund 454 Water and Sewer General Capital Projects Fund

Funds available for appropriation as of September 30, 2010	<u>58,908,497.33</u>
P11111 CO #1 Systemwide Pump Station Upgrade	(141,176.93)
P11399 Dixie Wellfield Abandonment Award to Chaz Equipment Co Inc	(506,829.50)
PBS010801-6499 ACCESS CONTROL AND VIDEO SECURITY SYSTEM AND REPLACEMENT PARTS	(100,000.00)
P11405 Hazen & Sawyer TO 10-05	(204,589.71)
P11612.454 Annual Utilities Repair Contract CO #1	(15,046.99)
P10815 Solution Construction, Inc CO#1	(27,288.80)
P11111 CO #2 Systemwide Pump Station Upgrade	(39,488.10)
P10815 Solution Construction, Inc CO#2	(49,146.16)
P11444-N Wastewater Conveyance System Long-Term Remediation Program Rehabilitation	(132,563.93)
P10875-B 48-Inch Water Main Improvements - North Andrews Ave and NE 41 St	(11,200.00)
P11652 Annual Contract for 2011-2012 Utilities Repairs	(607,358.27)
P11719 Sunrise Blvd Middle River Bridge WM Relocate Design	(79,586.00)
P11719 Sunrise Blvd Middle River Bridge WM Relocate Design Easement Agreement	(46,053.00)
P11589 Fiveash Water Treatment Plant Disinfection Improvements	(643,640.40)
P11663 2011-12 Annual Installation of Water Services	(350,675.33)
P10815 S Andrews Ave Water Main Improvements	(25,047.38)
P11652 Annual Contract for 2011-2012 Utilities Repairs CO 1 Malloy Bros	(115,000.00)
P11721.454-WASTEWATER FLOW, RAINFALL MONITORING & I/I REPORT	(528,000.00)
P10875-B 48-Inch Water Main Improvements - North Andrews Ave and NE 41 St CO 3	(205,981.17)
P10815 - S Andrews Ave Water Main Improvements CO 4	(60,057.41)
P10940B - SEWER AREA 19 ANNEXED RIVERLAND W&S MNS	(184,220.00)
P11484 - Dixie Wellfield Raw Water Pipeline Replacement CAR	(2,750,790.00)
P11594 Task Order 10-04 - Hazen and Sawyer - Fiveash Water Treatment Plant Chemical Feed Improvements	(445,476.84)
P11405 NW 2nd Ave Tank and Pump Station Rehab - Coatings Inspection	(40,434.00)
P10940B - SEWER AREA 19 ANNEXED RIVERLAND W&S MNS	(184,220.00)
P11567 - Phase III Pump Station Rehabs - A12, B10, B22 D37, D45	(275,000.00)
P11770 - SE 17 St Large Water Main Repl	(50,000.00)
P11589 Fiveash Water Treatment Plant Disinfection Improvements	(6,920,000.00)
P11577 - Sewer Basin A-21 Progresso and Annual Sewer Repair Contract	(3,142,951.00)
P10405A - Second Ave Water Storage Tank Rehabilitation	(1,890,000.00)
Annual Contract 2011-2012 Utilities Repair	(10,441.08)
P11720 - Imperial Point Large Water Mains Phase II	(3,781,739.51)
<b>Net available as of today</b>	<b>2/10/2012 16:41 35,344,495.82</b>