

F. ANN RODRIGUEZ, RECORDER

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ORDINANCE NO. 2007 - 95

AN ORDINANCE OF THE BOARD OF SUPERVISORS OF PIMA COUNTY ARIZONA RELATING TO GENERAL OBLIGATION AND SEWER REVENUE BOND PROJECTS AMENDING ORDINANCE NUMBER 2004-18 BOND IMPLEMENTATION PLAN, MAY 18, 2004 SPECIAL ELECTION (AS AMENDED OCTOBER 11, 2005 BY ORDINANCE NUMBER 2005-92 AND APRIL 4, 2006 BY ORDINANCE NUMBER 2006-21 AND OCTOBER 17, 2006 BY ORDINANCE NUMBER 2006-84 AND APRIL 10, 2007 BY ORDINANCE NUMBER 2007-33) FOR THE PURPOSE OF REALLOCATING BOND FUNDS, AMENDING THE SCOPE OF CERTAIN PROJECTS, AMENDING IMPLEMENTATION PERIODS FOR CERTAIN BOND PROJECTS, AND AUTHORIZING THE USE OF ADDITIONAL OTHER FUNDS TO FINANCE CERTAIN PROJECTS.

WHEREAS, the Board of Supervisors adopted Chapter 3.06 of the Pima County Code titled "Bonding Disclosure, Accountability and Implementation; and,

WHEREAS, in compliance with Chapter 3.06, the Board of Supervisors adopted Ordinance Number 2004-18, the "Bond Implementation Plan, May 18, 2004 Special Election;" and

WHEREAS, the Board of Supervisors, on October 11, 2005 enacted Ordinance Number 2005-92 and on April 4, 2006 enacted Ordinance Number 2006-21 and on October 17, 2006 enacted Ordinance Number 2006-84 and on April 10, 2007 enacted Ordinance Number 2007-33 amending Ordinance Number 2004-18 in compliance with provisions of Chapter 3.06; and

WHEREAS, the Board of Supervisors desires to amend Ordinance Number 2004-18 (as amended by Ordinance Number 2005-92, Ordinance Number 2006-21, Ordinance Number 2006-84 and Ordinance Number 2007-33) in compliance with provisions of Chapter 3.06:

NOW THEREFORE, IT IS HEREBY ORDAINED by the Board of Supervisors of Pima County, Arizona:

Ordinance Number 2004-18 (as amended by Ordinance Number 2005-92, Ordinance Number 2006-21, Ordinance Number 2006-84 and Ordinance Number 2007-33), is hereby amended as follows:

2007-95

**Bond Implementation Plan
May 18, 2004 Special Election**

Question No. 2 - Public Health and Community Facilities

2.6 Green Valley Performing Arts Center Phase 2

Location: 1250 West Continental Road, Green Valley, Arizona

Scope: Construct a multimedia performing arts facility for musical theater, dance, drama and other fine arts uses. The facility will be approximately ~~32,000~~ 11,000 square feet in area and will include a ~~500-seat theater, stage house,~~ a 150-seat multipurpose performance studio, visual arts gallery, lobby, and concessions, dressing rooms, and other support spaces. The facility is to be designed with superior acoustics and appropriate spaces that meet the needs of an aging population.

Phase One, built with Pima County 1997 General Obligation Bonds and Pima Community College General Obligation Bonds has recently been completed. It includes a Pima College Community Learning Center and one rehearsal and performance studio for community use.

Benefits: This new facility will be the only performing arts building in southern Pima County to have a theater quality auditorium to enhance the quality of life for the residents of southern Pima County, including residents of Sahuarita

Cost: ~~\$12,000,000, with Planning/Design being \$1,140,000, Construction being \$10,704,000, and Other being \$156,000.~~ \$4,000,000

Bond Funding: \$4,000,000

Other Funding: ~~\$8,000,000 private funding that is being raised. If private fund-raising is not successful, the County can amend the Bond Implementation Plan to revise the scope to fit the Bond and private funding available.~~ None.

Project Duration: Planning at 20 to 22 months, Design at 13 to 15 months, and Construction at 21 to 24 months.

Implementation Period: 2, 3, 4, 5, 6

Project Management: Pima County Facilities Management

Future Operating and Maintenance Costs: To be determined during the course of design since the scope of the project is contingent on the level of private funding secured. Pima County and Pima College will execute an intergovernmental agreement establishing responsibilities for operation and maintenance of the joint Performing Arts Center and Adult Education Center. Funding for operations and maintenance of the Performing Arts Center could come in part from revenues generated by use of the facility.

2.8 Amado Food Bank Kitchen

Location: 28720 South Nogales Highway, Sopori, Arizona

Scope: Construct an addition to the Amado Food Bank. This addition will be approximately 3,800 square feet in area and will provide a commercial kitchen, multipurpose rooms for dining, meetings, programs and other community uses as well as public restrooms. This project is the second phase of development planned for this facility. Phase One, consisting of the food bank distribution facility, was constructed in 2001. Design for Phase Two has been completed.

Benefits: This addition will allow the food bank to expand its services to include preparation and distribution of meals to its clients. This facility will also provide space for a variety of community programming. This project will benefit lower income residents of southern Pima County, in the Lakeside – Sopori - Amado area.

Cost: ~~\$300,000~~ \$581,000

Bond Funding: \$300,000

Other Funding: ~~\$180,000~~ \$281,000 (Community Food Bank)

Project Duration: Planning at 6 to 8 months, Design at 7 to 9 months, and Construction at 15 to 18 months.

Implementation Period: 2, 3, 4

Project Management: Pima County Facilities Management

Future Operating and Maintenance Costs: Minimal for the County since the facility will be operated by a nonprofit food bank.

Question No. 4 - Parks and Recreational Facilities

4.5 Helvetia Townsite Acquisition

Location: Unincorporated Pima County, north side of the Santa Rita Mountains

Scope: Purchase of 23.4 acres on two parcels of private land containing the remains of the historic Helvetia Townsite, now a ghost town.

Benefits: Helvetia, located in the copper rich Santa Rita Mountains, was a mining community formed during the 1880s and 1890s after several large copper mining claims were developed. Mining continued until 1911 when low copper prices lead to a shut down, although sporadic mining continued through both the First and Second World Wars. Mining was permanently halted in 1949. At its peak in the late 19th Century, the community contained approximately 300 people, and the town was comprised of an assortment of saloons and stores, a school, and a stage line. Today, all that remains of this once successful frontier era mining town are ruined adobe buildings and a cemetery marking where the town had been. This property is potentially developable and thus the Helvetia Townsite may be threatened in the future by development or

lot splitting. Acquisition of this important cultural resource will ensure its protection and enable its use by all Pima County residents and visitors for recreational uses and future research, education, public interpretation, and heritage tourism. This project was retired and the Bond Funding reallocated to project 4.13 Tumamoc Hill Acquisition.

Costs: ~~\$100,000, with Planning at \$5,000, Land acquisition at \$92,500, and Other at \$2,500.~~
\$2,926

Bond Funding: ~~\$100,000~~ \$2,926

Other Funding: None identified at this time

Project Duration: Planning at 1 to 3 months and Land acquisition at 15 to 18 months.

Implementation Period: 1, 2, 3

Project Management: Pima County Cultural Resources and Historic Preservation Office/Pima County Natural Resources, Parks and Recreation

Future Operating and Maintenance Costs: None

4.8 Marana Mound Community Site

Location: The portion of the Marana Mound Community located largely west of the CAP Canal and east of Interstate 10.

Scope: Purchase of prehistoric archaeological sites, most notably the Marana Platform Mound site that is the major site within the Marana Mound community, all of which is threatened by development.

Benefits: This project will preserve and protect extremely significant Hohokam archaeological sites from impending development. The Marana Mound Community consists of several large Hohokam village sites dating from AD 1150 to 1300, a late period of Hohokam occupation and land use, that covers more than 50 square miles. This community represents the height of population and organizational complexity in the area. Sites in the Marana Mound Community have a wide functional range: a platform mound ceremonial and residential center, walled adobe residential compounds, hillside terrace sites, and a variety of agricultural fields and features that include extensive rock pile fields used for agave production and a six mile long canal from Los Morteros. This acquisition is focused on the platform mound ceremonial center, which is located primarily on State Trust lands and partly on private lands in an area of rapid urban growth. The State lands are designated for commercial development. This project will benefit all residents of Pima County and visitors.

Costs: ~~\$2,000,000, with Planning being \$16,000, Land acquisition being \$1,958,000, and Other being \$26,000.~~ \$700,000

Bond Funding: ~~\$2,000,000~~ \$700,000

Other Funding: None identified at this time

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Project Duration: Planning at 12 to 18 months and Land acquisition at 27 to 36 months.

Implementation Period: 1, 2, 3

Project Management: Pima County Cultural Resources and Historic Preservation Office and Pima County Natural Resources, Parks and Recreation through an intergovernmental agreement with the Town of Marana.

Future Operating and Maintenance Costs: None

4.13 Valencia Site Preservation Tumamoc Hill Acquisition

Location: ~~North of Valencia Road on the west side of the Santa Cruz River, within the City of Tucson.~~ West slope of Tumamoc Hill in the vicinity of "A" Mountain.

Scope: ~~Boundary demarcation, preservation planning, and interpretation at the Valencia Hohokam archaeological site. Tumamoc Hill and the Desert Laboratory have unique and significant value as open space that is critically important to the citizens of Pima County. The 320 acres on the west slope of Tumamoc Hill has been an integral part of the 869-acre Tumamoc Hill Preserve, which has been in continuous use as an ecological research facility since 1903. This site is currently owned by the Arizona State Land Department and may be endangered by future sale and inappropriate development. Acquisition of this parcel is planned.~~

Benefits: ~~This project will preserve, protect, and interpret the Valencia site, a large Hohokam village with a ballcourt, two plazas, hundreds of pithouses, and numerous human burials dating from AD 700 to 1200. The Valencia site is one of the two remaining undisturbed Hohokam villages in the Tucson metropolitan area that has not been impacted by development. The Valencia site is listed on the National Register of Historic Places, and it is considered an ancestral village site by the Tohono O'odham. As such, it has special cultural and spiritual significance to the people of the San Xavier District, who have monitored the site and consider it a traditional cultural place. Bond funds (CA 33) from 1997 provide funding for the purchase of this 67-acre parcel under the Arizona Preserve Initiative, a process expected to conclude in the fall of 2004. The project will protect the Valencia site, and will provide heritage education opportunities for the public. It is anticipated that the Valencia site will become a focal element of the Santa Cruz River Paseo de las Iglesias environmental and cultural corridor restoration, between Mission San Agustin del Tucson and Mission San Xavier del Bac. Preservation of this important landmark as undisturbed natural open space, to retain this site as a focal point in the community, and to preserve its natural and cultural values for future public benefit.~~

Cost: ~~\$100,000, with Planning/Design being \$21,000, Construction being \$74,500, and Other being \$4,500.~~ \$1,337,074

Bond Funding: ~~\$400,000~~ \$1,337,074

Other Funding: None identified at this time

Project Duration: Planning at 11 to 15 months, Design at 12 to 24 months, and Construction at 6 to 15 months.

Implementation Period: 1, 2, 3

Project Management: Pima County Cultural Resources and Historic Preservation Office/Facilities Management, and Natural Resources, Parks and Recreation, ~~and a possible intergovernmental agreement with the Tohono O'odham San Xavier District.~~

Future Operating and Maintenance Costs: ~~\$41,400 per year~~ University of Arizona

4.20 Lighting of Existing and New Sports Fields

Location: Various Pima County Parks owned by Pima County.

Scope: McDonald Park – Replace ball field light fixture on two fields:
Littletown Park – replace light fixtures on one field and move two light poles.
Bud Walker Park, Ajo – replace ballfield light fixtures on two fields.
Flowing Wells West – install ballfield lights on two fields.
McDonald District Park – install ballfield lights on fields #5 and 6.
~~Northwest/YMCA fields – install ballfield lights on fields #1-3 (baseball, softball, soccer fields and development of a dog park)~~
Lighting Boom Truck – purchase boom truck for maintenance of sports lights.
Lawrence Park – install ball field lights, and parking security lights.
Rillito Park – install lights on 6 competition soccer fields.
Sportspark Lighting
Brandi Fenton Memorial Park Lighting

Benefits: This project entails the installation of new lights at parks that do not currently have them and the upgrading of light fixtures at existing facilities. The benefit will include environmental compliance with Pima County's Dark Skies Ordinance, and minimizing operating and maintenance costs. Lighting technology has advanced. New fixtures will result in significant cost savings to the County. The new light fixtures will provide better light coverage at lower operational costs.

The installation or improvement of these fixtures is in response to public demand for increased field use. The lighting of sports fields results in the agency being able to increase field use by a factor of two to three times, while taking advantage of the existing playfields. This increases use while minimizing new development and operational costs. Solar lighting will be used when feasible.

Cost: ~~\$3,928,643 \$3,000,000 , with Administration being \$75,000, Planning being \$179,000, Design being \$358,800, Construction being \$2,370,200, and Capital Equipment being \$17,000.~~

Bond Funding: ~~\$3,600,000 \$3,000,000~~

Other Funding: ~~\$328,643 (from available 1997 authorization from Parks projects) None identified at this time, however, efforts to obtain State and Federal grants will be explored.~~

Project Duration: Planning/Design at 11 to 15 months and Construction at 15 to 24 months.

Implementation Period: 2, 3, 4, 5

1776

Project Management: Pima County Natural Resources, Parks and Recreation

Future Operating and Maintenance Costs: \$97,946 per year when fully developed. Funding impacts were derived using data gathered from current, high efficiency lighting systems at existing County ballfields that have recently been upgraded or new facilities that have benefitted from the latest lighting technology.

4.23 Dan Felix Memorial Park

Location: This existing park, formerly known as Pegler Wash, is located at 5790 North Camino de la Tierra. The park is located on approximately 39 acres owned by Pima County.

Scope: The improvement of this park may include the development of one soccer field, lighting for three soccer fields, security lighting, playground, free-play turf area, restroom, walking/jogging path, ramadas, picnic facilities, parking, two basketball courts, landscaping, connections to the Rillito River Park and water fountains. The park's concept plan has been approved by the Pima County Parks and Recreation Commission.

Benefits: This proposed park development project is located along the Rillito River Park. As such, it will serve as both a "stand alone" park, and provide trailhead access to the Rillito River Park and its respective regional trail. The rate of community development in this section of our community is greater than the number and quality of recreational facilities that are available. This facility will help to meet the growing recreational needs of existing and new neighborhoods in the area.

Cost: \$750,000 ~~\$1,350,000, with Administration being \$43,750, Planning and Design being \$200,000, Construction being \$1,077,350, Capital Equipment being \$12,000, and Public Art being \$16,900.~~

Bond Funding: \$750,000 ~~\$1,350,000~~

Other Funding: None identified at this time, however, efforts to obtain State and Federal grants will be explored.

Project Duration: Planning/Design at 12 to 24 months and Construction at 12 to 24 months.

Implementation Period: 2, 3, 4

Project Management: Pima County Natural Resources, Parks and Recreation

Future Operating and Maintenance Costs: \$28,552 per year when completed.

4.44 Marana Continental Ranch New Library

Location: Town of Marana, on property owned by the Town of Marana, in the Continental Ranch area, at Silverbell and Cortaro Farms Road

Scope: Design and construct a new ~~45,000~~ 20,000 square foot library to serve the Town of Marana/Continental Ranch area. The library will be constructed to house an eventual 100,000

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177

volume book collection, state-of-the art technology, computer lab, large meeting room and small study rooms, and a parking lot.

Benefits: The current Marana Library is too small to serve the growing population in the Continental Ranch area and the nearest library, the Nanini Library, is several miles distant from the population center in Marana. Opening of this new library will relieve pressure on the Nanini Library

Costs: ~~\$4,500,000, with Planning/Design being \$475,000, Construction being \$3,980,000, and Other being \$45,000.~~ \$6,395,000

Bond Funding: \$4,500,000

Other Funding: ~~None identified at this time~~ \$1,895,000 (\$1,622,500 Library District, \$272,500 Town of Marana)

Project Duration: Planning at 8 to 12 months, Design at 15 to 24 months, and Construction at 15 to 30 months.

Implementation Period: 1, 2, 3

Project Management: Pima County Facilities Management Department

Future Operating and Maintenance Costs: County Library District and the Town of Marana, with the possible participation of the Tucson-Pima Public Library.

Question No. 6 - Sewer System Revenue Bonds

6.2 Miscellaneous Conveyance Rehabilitation Projects

Location: Projects are located throughout the Tucson Metropolitan Area

Scope: The current conveyance condition assessment projects - both the Closed Circuit TV (CCTV) and the Sanitary Sewer Inspection and Identification Program (SSIIP) - are identifying areas within the regional sewage conveyance system in need of repair, rehabilitation or replacement. It is estimated that re-lining will cost between \$200 and \$300 per linear foot to rehabilitate the larger sewers. These projects will be completed based on order of need identified by the CCTV and SSIIP evaluation projects. This funding will allow for the re-lining/replacement of approximately 5 to 6 miles of gravity conveyance lines and rehabilitation of miscellaneous associated siphon inlet and outlet chambers and manholes/junction chambers. The interceptors being examined include:

1. Santa Cruz Central; from 18th Street to Prince Road.
2. Santa Cruz East; from University Boulevard to Fort Lowell
3. Old Nogales Highway; from Hughes Access Road to Ajo Way
4. North Rillito; from Wentworth Road to Ina Road
5. Continental Ranch Pumping System; from Lambert Lane Alignment to Ina Road
6. Southeast Interceptor; from Rita Ranch to Franklin Street

7. Numerous Conveyance System siphon facilities including Alameda, Julian Wash, Tucson Boulevard at Rillito, Northwest Outfall, Golf Links, Sabino Creek, and Craycroft Road at Rillito

8. Carrillo Neighborhood Rehabilitation

The design will be done primarily by Wastewater Management engineering staff. The design, installation and/or required reconstruction work on conveyance system facilities will be achieved through several individual projects throughout the next 4 to 5 year s.

Benefits: Recent experience indicates that unlined concrete sewer pipe, initially designed to last 50 years, may last only 35 to 40 years when high levels of hydrogen sulfide and corrosion are present. The Department is currently inspecting all unlined concrete pipe, as well as other older reaches of the system, in order to identify those sections of the system that have experienced deterioration and merit rehabilitation.

Planned rehabilitation of the interceptors will reduce the possibility of potential failures, and their associated liabilities, including environmental concerns and potential large regulatory fines. Emergency repairs cost 10 times more than planned repairs/rehabilitation.

Emergency and/or unscheduled maintenance costs average \$ 4,400/mile. After rehabilitation, preventive maintenance costs are \$2,000 per mile.

Cost: \$15,000,000, with Administration being \$300,000, Design being \$1,000,000, and Construction being \$13,700,000.

Bond Funding: \$15,000,000

Other Funding: None identified at this time

Project Duration: 8 years - The overall project includes identification and prioritization of reaches of interceptors requiring rehabilitation, specification of rehabilitation work, and construction. A typical interceptor rehabilitation schedule is: Design at 12 to 18 months and Construction at 12 to 24 months.

Implementation Period: 1, 2, 3, 4, 5, 6

Project Management: Pima County Wastewater Management Department

Future Operating and Maintenance Costs: In the first year after construction, the line is structurally under warranty. Operating and maintenance costs thereafter are approximately \$2,000 per mile. The costs are paid from Wastewater Management's budget, which is funded by user fees.

6.7 Ina Road WPCF-Denitrification

Location: Ina Road at Interstate-10/Roger Road on Sweetwater Drive

Scope: ~~The project will utilize the results of the current permit required pilot plant testing as a basis for planning, design and construction to denitrify the effluent from the existing 25 mgd high~~

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179

purity oxygen wastewater treatment process at the Ina Road WPCF. provide the planning and initial design for the implementation of the Regional Optimization Master Plan (ROMP).

Benefits: ~~Nitrification/Denitrification is the biological treatment process that removes ammonia and nitrogen that can be harmful to human health and aquatic life. This process reduces the total nitrogen by converting ammonia to nitrite, nitrate, and subsequently nitrogen gas.~~

~~The original 25 mgd 1978 Ina Road WPCF plant did not incorporate denitrification facilities; the recent plant expansion to 37.5 mgd includes denitrification of the effluent in the new 12.5 mgd process line as required by the Arizona Department of Environmental Quality. This project will add the denitrification process to the original 25 mgd plant.~~

~~This endeavor will provide for high quality combined effluent from the new and existing process trains at the Ina Road WPCF to meet increasing demands for higher volumes and higher quality reclaimed water for reuse, and to meet anticipated water quality regulation changes for effluent discharged from the wastewater treatment plants that discharge into the Santa Cruz River.~~

The ROMP objectives are: 1) developing the optimal treatment process and and plan to comply with regulatory requirements to reduce nitrogen concentrations in effluent discharged from the wastewater treatment facilities; 2) master plan for foreseeable regulatory requirements; 3) determining the long-term capacity needs of the County metropolitan treatment facilities, conveyance system and outlying growth areas; 4) developing a long-term plan for treatment, handling and reuse of system bio-solids and bio-gas that is produced by the treatment process; 5) developing a detailed implementation schedule to meet regulatory implementation deadlines and the optimization master plan; 6) and developing a financial plan to support the systems regulatory and other needs for the next 15 years.

Cost: \$17,000,000, with Administration being \$340,000, Planning being \$50,000, and Design being \$1,950,000, and Construction being \$14,660,000.

Bond Funding: \$17,000,000

Other Funding: None identified at this time

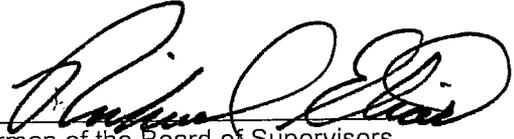
Project Duration: Planning at 3 to 6 months, Design at 18 to 30 months, and Construction at 34 to 48 months.

Implementation Period: 3, 4, 5, 6

Project Management: Pima County Wastewater Management Department

Future Operating and Maintenance Costs: ~~The power and chemical costs required for this additional level of tertiary treatment will be approximately \$1.8 million per year when the improvements are completed. The future operating and maintenance costs are paid from Wastewater Management's budget, which is funded by user fees.~~

AS AMENDED by the Board of Supervisors of Pima County, Arizona, this 6th day of
November _____, 2007.



Chairman of the Board of Supervisors

NOV 06 2007

Attest:

Reviewed by:



Clerk of the Board of Supervisors



County Administrator

Approved as to Form:



Civil Deputy County Attorney

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