

**Report and Recommendations on Amending County Bond Ordinances
County Bond Advisory Committee, February 29, 2008**

Ordinance No. 2007 - _____, Amending Ordinance No. 1997-35, the Bond Improvement Plan for the May 20, 1997 Special Bond Election (as amended by Ordinance No. 1998-58, adopted September 22, 1998, Ordinance No. 2001-111, adopted August 20, 2001, Ordinance No. 2004-15, adopted March 9, 2004, Ordinance No. 2005-91, adopted October 11, 2005, Ordinance No. 2006-19, adopted April 4, 2006, Ordinance No. 2006-82, adopted October 17, 2006, Ordinance No. 2007-32, adopted April 10, 2007, and Ordinance No. 2007-94, adopted November 6, 2007).

Ordinance No. 2007 - _____, Amending Ordinance No. 2004-18, the Bond Implementation Plan for the May 18, 2004 Special Bond Election (as amended by Ordinance No. 2005-92, adopted October 11, 2005, Ordinance No. 2006-21, adopted April 4, 2006, Ordinance No. 2006-84, adopted October 17, 2006, Ordinance No. 2007-33, adopted April 10, 2007, and Ordinance No. 2007-95, adopted November 6, 2007).

I. Background

The County is currently implementing several bond programs: the May 20, 1997 General Obligation and Sewer Revenue Bond Program, the November 4, 1997 Highway User Revenue Fund (HURF) Transportation Bond Program, the May 18, 2004 General Obligation and Sewer Revenue Bond Program, and the May 16, 2006 General Obligation Bond Program. Pima County Code Chapter 3.06, the "Truth in Bonding" code, requires that bond ordinances be amended to reflect substantial modifications to bond-funded projects. The code defines what constitutes a "substantial modification," and when an amendment must be adopted in relation to actions of the Board that implement affected projects. The code also requires that amendments to bond ordinances be considered and adopted by the Board at public hearings, after advance public notice, and only after review by the County Bond Advisory Committee.

Recommended amendments to these bond programs include proposed changes to 11 projects from the May 20, 1997 General Obligation and Sewer Revenue Bond Program and 9 projects from the May 18, 2004 General Obligation and Sewer Revenue Bond Program. This is the ninth round of amendments for the May 20, 1997 General Obligation and Sewer Revenue Bond Program, and the sixth round of amendments to the May 18, 2004 General Obligation and Sewer Revenue Bond Program. The recommended amendments affect the following projects:

1997 GO/Sewer

P-45	Marana Rattlesnake Park
P-46	Columbus Park
P-56	Thomas Jay Community Center
SD-4	Tucson Mountain Park – Los Morteros
SD-5	Tortolita Mountain Park
SD-10	Tumamoc Hill
T-20	Tortolita Mountain Park Trail System
T-21	Various Trailhead Parking/Staging
NR-16	Neighborhood Reinvestment
FC-5	City of Tucson Earp Wash Drainage Improvements
SS-5	Tanque Verde Interceptor, Craycroft to Tucson Country Club (Phase I)

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2004 GO/Sewer

- 4.8 Marana Mound Community Site
- 4.11 Honey Bee Village Site Acquisition
- 4.23 Dan Felix Memorial Park
- 5.08 Rillito River Linear Park Completion
- 5.10 Canada del Oro River Park, Thornydale to Magee
- 6.5 Tanque Verde Interceptor, Craycroft to Tucson Country Club (Phase II)
- 6.6 Marana Regional Airport Sewer Connection
- 6.10 New Marana Wastewater Treatment Plan (WWTP) Expansion
- 6.11 Avra Valley BNROD Expansion

This report summarizes the ordinance amendment requirements of the Truth in Bonding Code and summarizes the recommended amendments by project. The two ordinances containing the recommended amendments, shown in legislative style, are attached.

II. Ordinance Amendment Requirements Per the Truth In Bonding Code

Section 3.06.070 of Pima County's Truth in Bonding Code establishes procedures for making changes to a bond improvement plan ordinance. Recognizing that over time the availability of more detailed design and cost information, and changes in circumstances, often require changes in a bond improvement plan presented to the voters at the time of a bond election, Section 3.06.070 authorizes the Board to amend bond improvement plans to accommodate "substantial modifications" to projects. Substantial modifications are defined as:

1. An increase or decrease in total actual project costs by 25 percent or more
2. An increase or decrease in actual bond costs by 25 percent or more
3. An increase or decrease in actual other revenues by 25 percent or more
4. A delay in a project construction or implementation schedule of 12 months or more
5. A delay in the scheduled sale of bonds of 24 months or more
6. Any project that is not constructed
7. Any project that is added to those to be constructed
8. Any increase or decrease in the project scope that alters the disclosed project benefits
9. All changes to a bond implementation plan necessitated by only a portion of the proposed bond questions being approved at the special election

The required timing of an amendment varies based on whether the amendment impacts only funding, or other aspects of a project. Pursuant to the Code, the Board of Supervisors can authorize a substantial modification to the funding for a project on a de facto basis by awarding or amending a contract for the project that reflects that change in funding, while at the same time acknowledging that the action will require a future conforming amendment to the bond ordinance. In this situation, the amendment takes place after the Board takes action by awarding a contract. The reason for this is that amendments should not be based on cost estimates, and prior to the awarding of contracts or approval of purchase agreements, cost estimates may vary. For all other types of substantial modifications, an amendment of the bond ordinance is necessary before the modification is implemented.

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The County Bond Advisory Committee must review and make recommendations to the Board of Supervisors regarding all proposed bond ordinance amendments. The Conservation Acquisition Commission must review and make recommendations to the Board of Supervisors and the Bond Advisory Committee regarding proposed amendments to the open space bond program. The Conservation Acquisition Commission approved the amendments impacting the 1997 Open Space Bond Program at its February 14, 2008 meeting.

III. Recommended Amendments

In order to amend the bond ordinances, the Board will be asked to adopt a separate ordinance for each of the two affected bond programs. The two ordinances are attached to this report, with language that is being deleted shown in the "strike-out format" (~~example~~), while new language that is being added to the ordinances is underlined (example). Note that the titles of projects were originally underlined, and therefore this does not mean that the titles are changing. In this format, the ordinances only contain those projects that are being amended, and do not reproduce the entirety of each of the two bond ordinances.

A brief description of the recommended ordinance amendments for each project is presented below.

A. Recommendations for Ordinance Amendments Relative to the 1997 General Obligation and Sewer Revenue Bond Program

P-45, Marana Rattlesnake Park (Continental Ranch)

This ordinance amendment adds an additional implementation period. This project is managed by the Town of Marana. The civil work on the Regional Transportation Authority (RTA) project, Silverbell/Yuma Mine Wash improvements, is scheduled to begin in May 2008. Drainage improvements associated with this RTA project must be completed prior to start of construction of Marana Rattlesnake Park. The park construction should be complete by June 2009.

P-46, Columbus Park

This ordinance amendment changes the scope of the project by deleting a lighted soccer field and the dog training area. Funding issues necessitate these deletions and Staff have met with the community regarding this proposed change. This ordinance amendment would also add implementation period 6, Fiscal Year 2007/08 to 2008/09, to allow for additional time to complete the project. The project is scheduled for completion in April 2009.

P-56, Thomas Jay Community Center

This ordinance amendment changes the scope of the project by taking out a planned addition to the community center and instead simply upgrading the existing community center. The upgrades are scheduled to be complete by May 2008. Funding remaining after the community center upgrades will allow for the design of additional park improvements north of the Julian

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Wash. This ordinance amendment also adds implementation period 6, Fiscal Year 2007/08 to 2008/09, to allow for additional time to complete the project as proposed.

**SD-04, Tucson Mountain Park - Los Morteros
SD-05, Tortolita Mountain Park
SD-10, Tumamoc Hill**

This ordinance amendment adds an implementation period to each of these land acquisition projects in order to provide the County with additional time to complete them.

T-20, Tortolita Mountain Park Trail System

This ordinance amendment adds an implementation period and changes the scope from construction of trails to the development of a trails plan and initiation of right of way applications with the State Land Department. This project has been delayed due to the fact that there is no method currently available to the County to acquire the State Trust land east of Tortolita Mountain Park for conservation. However, now that a conceptual land use plan has been approved by the State Land Commissioner for this land, and that plan includes significant areas of natural open space east of the Tortolita's, the County can begin planning trails and applying for right of way across State Trust land for trails. The Tortolita Mountain Park Trails Plan, which involves considerable field work, is scheduled to be completed by the end of calendar 2008.

T-21, Various Trailhead Parking/Staging

This ordinance amendment adds on an implementation period. The Starr Pass East Trailhead and 36th Street Trailhead elements of this project are complete. The City of Tucson Department of Transportation will be reimbursing Pima County for a portion of the 36th Street roadway repaving, and those funds, once received, will be used to complete the Kennedy Park trailhead portion of the project. This project is scheduled to be completed by the end of calendar 2008.

FC-5, City of Tucson Earp Wash Drainage Improvements

This ordinance amendment decreases the other funding for the project from \$938,997 to \$434,000. The final bids and actual construction costs were lower than originally estimated. This project was completed in 2006.

NR-16, Neighborhood Reinvestment

This ordinance amendment adds an additional implementation period to the project. The Neighborhood and Housing Reinvestment program is a \$10 million multi-year program that will have approximately \$1 million in funding remaining after this fiscal year. This remaining funding is expected to be spent next fiscal year once the final projects are nominated and approved.

SS-5, Tanque Verde Interceptor, Craycroft to Tucson Country Club (Phase I)

This ordinance amendment reduces the scope of this project to design and right of way acquisition, and decreases the bond funding for the project from \$4,050,000 to \$1,336,522. The

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bank protection portion of Tanque Verde Interceptor project is now eligible for funding through the 2007 Water Resources Development Act (WRDA) bill. This funding would pay 65% of the bank protection costs that were previously to be funded by the Regional Wastewater Reclamation Department (RWRD) or the Regional Flood Control District (RFCD). It is prudent to defer the remainder of this project until the federal funding is appropriated under WRDA and then fund the sewer construction portion of the Tanque Verde Interceptor with future Sewer Revenue Bonds or System Development Funds.

B. Recommendations for Ordinance Amendments Relative to the 2004 General Obligation and Sewer Revenue Bond Program

**CR 4.8, Marana Mound Community Site
CR 4.11, Honey Bee Village Site Acquisition**

This ordinance amendment decreases bond funding for CR 4.8 Marana Mound Community Site from \$700,000 to \$360,000 and increase bond funding for CR 4.11 Honey Bee Village Site Acquisition from \$1,000,000 to \$1,340,000. The County will soon receive through donation 61 acres of privately owned land containing a portion of the Marana Mound Site. The remaining Marana Mound bond funds will be sufficient to cover costs of finalizing the donation, and to address security issues with fencing and signage, thus achieving the important preservation goal for a portion of the Marana Mound Community Site. The additional funding for Honey Bee Village will enable the County to fund the completion of the archaeological analysis and documentation for the final project report for the Honey Bee Village Archaeological Data Recovery Project. A critically important result of the Honey Bee data recovery project will be to preserve the central 13-acre core of the site, now owned by the County, as an archaeological preserve. The core area contains the remains of the most densely occupied portion of the Hohokam village, including hundreds of pithouses and associated features, and—most importantly—numerous undisturbed human remains in cemetery areas. This project is scheduled to be completed by January 2010.

PR 4.23, Dan Felix Memorial Park

This ordinance amendment will decrease bond funding for Dan Felix Memorial Park from \$750,000 to \$573,000, and will also change the scope of the project. The \$177,000 in bond funding can then be transferred to Rillito Race Track to complete the development of two new soccer fields. The scope of Dan Felix Memorial Park will change in that the remaining funding will be used to complete the development of a new basketball court. Staff have consulted with the community/league representatives and have been informed that the existing fields at Dan Felix Memorial Park are sufficient in serving their needs and community is supportive of this change. The community has expressed their need for a basketball court wherein the remaining budget is sufficient for this purpose.

FC5.8, Rillito River Linear Park Completion

This amendment adds \$1,750,000 of Flood Control Tax Levy funding to the project. Additional staging areas have been added to the project scope and the cost of materials has significantly increased since the bond elections for items like plastic pipe, concrete, and asphalt. Construction is scheduled to begin in May 2008 and be complete in February 2009.

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FC5.10, Cañada del Oro River Park, Thornydale to Magee

This ordinance amendment adds \$2.1 million of Flood Control Tax Levy funding to the projects and changes the number of pedestrian crossings from six to three. Because material costs have significantly increased for the project, three of the six drainage crossings will be constructed using more economical scuppers or culverts instead of pedestrian bridges. In addition, the Omni section of the project requires a terminus at Hardy Road to allow for construction and public access while phase II (the Thornydale to Magee section) is being developed and constructed. Construction is scheduled to begin in June 2008 and be completed in April 2009.

SS6.05, Tanque Verde Interceptor, Craycroft to Tucson Country Club

SS6.11, Avra Valley BNROD Expansion

This ordinance amendment transfers the \$5 million in bond funding authorized for project SS 6.5 Tanque Verde interceptor, to project SS 6.11 Avra Valley BNROD Expansion. The bank protection portion of the Tanque Verde Interceptor project is now eligible for funding through the 2007 Water Resources Development Act (WRDA) bill. This funding would pay 65% of the bank protection costs that were previously to be funded by the Regional Wastewater Reclamation Department (RWRD) or the Regional Flood Control District (RFCD). It is prudent to defer this project until the federal funding is appropriated under WRDA and then fund the sewer construction portion of the Tanque Verde Interceptor with future Sewer Revenue Bonds or System Development Funds.

Additional funds are needed for project SS 6.11 Avra Valley BNROD Expansion. This ordinance amendment would increase bond funding for this project from \$25 million to \$30 million, and other funding from \$10,549,000 to \$24,322,782. This project is scheduled to be substantially complete by March 2009.

SS6.6, Marana Regional Airport Sewer Connection

SS6.10 , New Marana Wastewater Treatment Plant Expansion

This ordinance amendment places project SS 6.6 Marana Regional Airport Sewer Connection on hold and transfers the remaining bond funding, currently \$2,406,655, to project SS 6.10 New Marana Wastewater Treatment Facility (WWTP) Expansion. Additional funding is needed to complete the Marana WWTF Expansion currently under construction. The original Marana WWTF Expansion plans did not include the recently imposed regulatory requirement to install a filtration and ultraviolet disinfection process (\$3.8 million additional), and the construction of a deeper influent pump station in order to handle wastewater flows from a larger tributary area (\$3.0 million additional). This project is scheduled to be substantially complete by June 2009.

ORDINANCE NUMBER 2008 - ___

AN ORDINANCE OF THE BOARD OF SUPERVISORS OF PIMA COUNTY ARIZONA RELATING TO GENERAL OBLIGATION AND SEWER REVENUE BOND PROJECTS AMENDING ORDINANCE NUMBER 1997-35 BOND IMPLEMENTATION PLAN, MAY 20, 1997 SPECIAL ELECTION (AS AMENDED SEPTEMBER 22, 1998 BY ORDINANCE NUMBER 1998-58; AUGUST 20, 2001 BY ORDINANCE NUMBER 2001-111; MARCH 9, 2004 BY ORDINANCE NUMBER 2004-15; OCTOBER 11, 2005 BY ORDINANCE NUMBER 2005-91; APRIL 4, 2006 BY ORDINANCE NUMBER 2006-19; OCTOBER 17, 2006 BY ORDINANCE NUMBER 2006-82; APRIL 10, 2007 BY ORDINANCE NUMBER 2007-32; AND NOVEMBER 6, 2007 BY ORDINANCE NUMBER 2007-94) FOR THE PURPOSE OF REALLOCATING BOND FUNDS, AMENDING THE SCOPE OF CERTAIN PROJECTS, AMENDING IMPLEMENTATION PERIODS FOR CERTAIN PROJECTS, AND CHANGING THE AMOUNT OF "OTHER FUNDS" BEING USED 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 1997-35, the "Bond Implementation Plan, May 20, 1997 Special Election;" and

WHEREAS, the Board of Supervisors, on September 22, 1998 enacted Ordinance No. 1998-58; on August 20, 2001 enacted Ordinance Number 2001-111; on March 9, 2004 enacted Ordinance Number 2004-15; on October 11, 2005 enacted Ordinance Number 2005-91; on April 4, 2006 enacted Ordinance Number 2006-19; on October 17, 2006 enacted Ordinance Number 2006-82; on April 10, 2007 enacted Ordinance No. 2007-32; and on November 6, 2007 enacted Ordinance Number 2007-94, each amending Ordinance No. 1997-35 in compliance with provisions of Chapter 3.06; and

WHEREAS, the Board of Supervisors desires to amend Ordinance Number 1997-35 (as amended by Ordinance No. 1998-58, Ordinance No. 2001-111, Ordinance No. 2004-15, Ordinance No. 2005-91, Ordinance No. 2006-19, Ordinance No. 2006-82, Ordinance No. 2007-32, and Ordinance No. 2007-94) 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 1997-35 (as amended by Ordinance Number 1998-58, Ordinance Number 2001-111, Ordinance Number 2004-15, Ordinance Number 2005-91, Ordinance Number 2006-19, Ordinance Number 2006-82, Ordinance Number 2007-32 and Ordinance Number 2007-94), is hereby amended as follows:

**Bond Improvement Plan
May 20, 1997 Special Election**

Question No. 3 - Parks

45) Project

P-45 -- Marana Rattlesnake Park (Continental Ranch)

Location: Continental Ranch

Bond Funding: \$500,000

Scope: Work consists of development of newly constructed park facilities in the northwest accommodating the Rillito and Continental Ranch areas, including athletic field, playground, ramadas, picnic areas, rest rooms, basketball court, volleyball court, parking, lights, and landscaping.

Benefit: Accommodating the growing recreational needs of the northwest community.

Other Funding: \$0

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

Future Operating &

Maintenance Costs: If the site for the park lies within the town limits of Marana, the cost will be paid by the Town of Marana through an intergovernmental agreement with Pima County.

46) Project

P-46 -- Columbus Park

Location: 3600 North Silverbell Road

Bond Funding: \$2,000,000

Scope: Work consists of development of newly constructed park facilities within an existing 300-acre park, ~~including lighted soccer field~~, little league fields, ~~dog training area~~, river park staging area, family picnic areas, ramadas, rest rooms, parking, and landscaping.

Benefits: Facilities will serve to relieve the demand on the leagues for sports fields, as well as for community demand for equestrian and park facility recreational opportunity.

Other Funding: \$0

Implementation Period: 3, 4, 5, 6

Future Operating &

Maintenance Costs: Cost to be paid by City of Tucson through an intergovernmental agreement with Pima County.

56) Project

P-56 -- Thomas Jay Community Center

Location: 6465 South Craycroft Road

Bond Funding: \$900,000

Scope: ~~Work consists of development of an addition to the existing building, upgrades to the existing center, including meeting and programming rooms, access, signage and benches.~~ and design of park improvements including a new ball field north of the Julian Wash.

Benefit: Will help to meet the community needs for recreation programs and

center facilitation, and will provide the design of additional recreation facilities.

Other Funding: \$0

Implementation Period: 4, 5, 6

Future Operating & Maintenance Costs: Minimal costs will be paid by Pima County.

4) Project

SD-4 -- Tucson Mountain Park - Los Morteros

Location: West

Bond Funding: \$750,000

Scope: Land acquisition - 125 acres to be acquired. Land acquisition is along the northern end of the Tucson Mountains. The goal is to protect scenic slopes and important archaeological and historic sites including a major Hohokam village, an Anza expedition campsite and a Butterfield Stage site.

Parcels within planning acquisition area:

Parcel No.	Section	Township	Range	Zoning
226-03-033A-H	17	12 S	12 E Marana	C
221-02-002,3A,6C	20	12 S	12 E	SH

Benefit: Protection of the Sonoran Desert.

Other Funding: \$0

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

Future Operating & Maintenance Costs: Minimal

5) Project

SD-5 -- Tortolita Mountain Park

Location: Northwest

Bond Funding: \$5,196,397

Scope: Land acquisition - 1000 or more acres to be acquired, plus road right-of-way. Land acquisition includes upper watersheds for Ruelas and Wild Burro Canyons plus right-of-way access and expansion of natural resource areas along the current eastern boundary of the park, and conservation of a 9-acre parcel northwest of Arthur Pack Park.

Parcels within planning acquisition area:

Parcel No.	Section	Township	Range	Zoning
219-01-001E	3	11 S	13 E	RH
219-01-001F	4	11 S	13 E	RH
219-01-001B	5	11 S	13 E	RH
219-01-008D	10	11 S	13 E	RH
Parcel 36	10 S	12 E		State lands
numbers not assigned	31	10 S	13 E	within Pinal County
	32 (west 2)	10 S	13 E	
219-07-0010, 0020,0030	17	11S	13E	
Carpenter Ranch	35	10S	12E	

Arizona Preserve Initiative #1, Tortolita Mountain Park and Tortolita East Biological Corridor.

216-30-019B	13	12S	12E	SR
216-04-0200	1	12S	12E	SR
216-24-0090	12	12S	12E	Marana
216-24-0070	12	12S	12E	Marana

Additional parcels listed in Appendix A.

Benefit: Protection of the Sonoran Desert.
 Other Funding: To be determined; Growing Smarter matching funds; or other sources to be determined.
 Implementation Period: 2, 3, 4, 5, 6
 Future Operating & Maintenance Costs: Minimal

10) Project SD-10 -- Tumamoc Hill

Location: West
 Bond Funding: \$1,400,000
 Scope: Land acquisition - 320 acres to be acquired. Land acquisition within the city limits of the City of Tucson east of Greasewood to protect scenic landmarks in a rapidly developing area that is rich in wildlife and contains archaeological sites and a University Research Station.

Parcels within planning acquisition area:

Parcel No.	Section	Township	Range	Zoning
116-24-107	15	14 S	13 E	CR-1
116-26-754	16	14 S	13 E	CR-1

Benefit: Protection of the Sonoran Desert.
 Other Funding: \$0
 Implementation Period: 3, 4, 5, 6
 Future Operating & Maintenance Costs: Minimal

21) Project T-20 -- Tortolita Mountain Park Trail System

Location: Tortolita Mountain Park
 Bond Funding: \$150,000
 Scope: Work will consist of development of a trail plan and initiation of applications for right-of-way from State Land Department for constructing approximately 20 miles of natural surface multi-use recreational trails in Tortolita Mountain Park, which is the first phase of the Tortolita Mountain Park recreational trail system, in accordance with the adopted Tortolita Mountain Park Master Plan.

Benefit: Project will facilitate the construction of the first quarter (25 percent) of the park's trail system and provide recreational opportunities for hikers, equestrians, and bicyclists.
 Other Funding: \$0
 Implementation Period: 2, 3, 4, 5, 6
 Future Operating & Maintenance Costs: Minimal

22) Project T-21 -- Various Trailhead Parking/Staging

Location: Kennedy Park Trailhead/Tucson Mountain Park Adjacent to

Southwestern Corner of Kennedy
 Broadway Gate Trailhead/Eastern End of Broadway Boulevard
 Starr Pass East Trailhead/Eastern Boundary of Tucson Mountain Park
 near Starr Pass Development

Bond Funding: \$250,000

Scope: Kennedy Park: Masterplan a trailhead parking lot for the Tucson Mountain Park trail system on county property adjacent to Kennedy Park, including a parking area suitable for horse trailers, access road improvement, horse tie-up and watering facilities, a ramada, and a solar-powered emergency telephone
Starr Pass East Trailhead: Develop a trailhead parking facility on the eastern boundary of Tucson Mountain Park adjacent to Starr Pass development and Central Arizona Project reservoir, including a parking facility on the eastern boundary of Tucson Mountain Park with capacity for 35 cars and 5 horse trailers, including parking areas, access road work, an access gate, fencing, signage and an emergency telephone.
Tucson Mountain Park: Construct a new public access and roadway improvements to trailhead located at the end of 36th Street. Roadway may include grading, drainage improvements and paving.

Benefit: These projects will provide much needed equestrian staging areas and trailhead facilities, provide access to some of the busiest access points, and increase the safety of access points.

Other Funding: \$0

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

Future Operating & Maintenance Costs: Minimal

Question No. 5 - Public Health, Safety, Recreational, and Cultural Facilities

16) Project **NR-16 -- Neighborhood Reinvestment**

Location: Various

Bond Funding: \$10,000,000

Scope: Provision of a source of funding for small scale, targeted capital improvement projects in neighborhoods throughout Pima County characterized by indicators of high stress (poverty and unemployment, substandard housing, high crime, teenage pregnancies) for investments in upgraded housing, demolition of abandoned and unsafe buildings, construction and conversion of structures to serve as neighborhood resource centers, construction of recreational facilities, and construction of public safety improvements such as street lighting, paving, and traffic control devices. (See pages 108,109)

Benefit: Neighborhood organizations seeking to stabilize and improve their communities can leverage small scale, targeted capital improvements proposed under this program into anchors and focal points around which the residents can mobilize to make their neighborhoods safer for their children and themselves.

Other Funding: \$0

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

Future Operating & Maintenance Costs: Unknown

Question No. 6 - Flood Control Improvements

5) Project **FC-5 -- City of Tucson Earp Wash Drainage Improvements**
Location: Urban Drainage Improvements, City of Tucson
Bond Funding: \$2,000,000
Scope: The Flood Control District, in cooperation with the City of Tucson, will mitigate flooding problems along Earp Wash. The District will design and construct detention basins upstream of Alvord Road
Benefit: Earp Wash is located in the southeast portion of the City of Tucson and in unincorporated Pima County. The wash has been plagued with flooding in the residential neighborhoods and businesses between Palo Verde and Alvernon Way. The project will attenuate peak flows and improve drainage conveyance downstream of Alvord Road.
Other Funding: ~~\$938,997~~ \$434,000 (Flood Control District Tax Levy Revenue)
Implementation Period: 1, 2, 3, 4, 5
Future Operating & Maintenance Costs: Minimal

Question No. 8 - Sewer System Revenue Bonds

4) Project **SS-5 -- Tanque Verde Interceptor, Craycroft to Tucson Country Club (Phase I)**
Location: The interceptor parallels the Tanque Verde Wash from Craycroft Road east to the Tucson Country Club.
Bond Funding: ~~\$4,050,000~~ \$1,336,522
Scope: This project is Phase 1, design and right of way acquisition, of a project that calls for the construction of approximately 9,000 feet of 36-inch diameter interceptor sewer, which will make the Tanque Verde and Pantano sewer service areas tributary to the new South Rillito Interceptor that conveys flows to Roger Road Waste Water Treatment Facility, thereby relieving flows in the North Rillito Interceptor and Ina Road Water Pollution Control Facility. Subsequent to the initial Bond Improvement Plan, the project was realigned with easement and bank protection requirements. The remainder of the project will be completed in conjunction with the U.S. Army Corps of Engineers, Water Resources Development Act (WRDA) funding and future bond funding.
Benefit: Additional capacity will be provided for future flow demand, allowing the Tanque Verde and Pantano sewer basins to receive adequate sewer service. Annual maintenance costs will be reduced along with the risks of service interruption. The generation of odors will also be minimized.
Other Funding: \$529,937 - Revenue from the System Development Fund
Implementation Period: 1, 2, 3, 4, 5, 6
Future Operating & Maintenance Costs: \$6,000.00

AS AMENDED by the Board of Supervisors of Pima County, Arizona, this ____ day of _____, 2008

Chairman, Board of Supervisors

Attest:

Reviewed by:

Clerk, Board of Supervisors

County Administrator

Approved as to Form:

Civil Deputy County Attorney

ORDINANCE NO. 2008 - ____

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; APRIL 4, 2006 BY ORDINANCE NUMBER 2006-21; OCTOBER 17, 2006 BY ORDINANCE NUMBER 2006-84; APRIL 10, 2007 BY ORDINANCE NUMBER 2007-33 AND NOVEMBER 6, 2007 BY ORDINANCE NUMBER 2007-95) FOR THE PURPOSE OF REALLOCATING BOND FUNDS, AMENDING THE SCOPE OF CERTAIN PROJECTS, AMENDING IMPLEMENTATION PERIODS FOR CERTAIN 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; on April 4, 2006 enacted Ordinance Number 2006-21; on October 17, 2006 enacted Ordinance Number 2006-84; on April 10, 2007 enacted Ordinance Number 2007-33; and on November 6, 2007 enacted Ordinance Number 2007-95, each 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, Ordinance Number 2007-33 and Ordinance Number 2007-95) 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, Ordinance Number 2007-33 and Ordinance Number 2007-95), is hereby amended as follows:

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

Question No. 4 - Parks and Recreational Facilities

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: ~~\$700,000~~ \$360,000

Bond Funding: ~~\$700,000~~ \$360,000

Other Funding: None identified at this time

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

4.11 Honey Bee Village Site Acquisition

Location: Town of Oro Valley, along Honeybee Creek east of North Vistoso Boulevard.

Scope: Purchase sufficient acreage to protect the critical areas of the Honeybee Village site that are threatened by planned residential development.

Benefits: Honeybee Village is a large prehistoric village located along the drainage of the same name in the Cañada del Oro Valley. It is one of a small set of settlements in the region that were settled near the start of the Hohokam Cultural sequence (around AD 450-600) that were continuously occupied up to the thirteenth century. The settlement has a cluster of 19 large mounds that surround a possible plaza, and it has a small ballcourt and a walled enclosure that may have enclosed rooms or a special use space near the end of its occupation. It is estimated that 500 to 800 pit structures are present on the site along with many other cultural features. It is the only such large village site left largely intact within the Town of Oro Valley. Acquisition of the Honeybee Village site will protect critical portions of the site from destruction resulting from planned residential development and preserve these areas for future generations. Future public benefit for all citizens of Pima County and visitors includes heritage education and scientific research.

Cost: ~~\$1,000,000~~ \$1,340,000, with Planning being \$15,000, Land acquisition being \$975,000, and Other being \$10,000.

Bond Funding: ~~\$1,000,000~~ \$1,340,000

Other Funding: None identified at this time

Project Duration: Planning at 1 to 6 months and Land acquisition at 16 to 30 months.

Implementation Period: 1, 2, 3

Project Management: The Town of Oro Valley will negotiate with the property owner and acquire the property with County bond funds, pursuant to an intergovernmental agreement between Pima County and the Town.

Future Operating and Maintenance Costs: Undetermined at this time.

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~~ \$573,000

Bond Funding: ~~\$750,000~~ \$573,000

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.

Question No. 5 - River Parks and Flood Control Improvements

5.8 Rillito River Linear Park Completion

Location: Rillito River, Alvernon Way to Craycroft Boulevard

Scope: In 1996, the Army Corps of Engineers (ACOE) and Pima County Flood Control District completed soil cement bank protection along the Rillito River from Alvernon Way to Craycroft Road. In 2000, the ACOE and Flood Control District completed the paved pathway on the north bank, a decomposed granite pathway on the south bank, pedestrian bridges over the major washes, installation of an irrigation supply system, and provided landscape improvements. The ACOE and Flood Control District are currently working on developing an environmental restoration project called the Swan Wetlands Project. This project would include parking nodes at the end of Columbus Boulevard on the south bank. Parking on the north bank at Craycroft Road is being undertaken by this project. This project will enhance and effectively complete the linear park. In addition, access to the linear park system would be provided at Mehl Park.

Benefits: This project will provide enhanced vegetation along the south bank between Columbus Boulevard and Swan Road and between the Alamo Wash and St. Gregory High School. Pima County wants to provide additional planting and landscaping to match and extend the scenic experience and quality of the existing River Park system between La Cholla and Campbell Avenue. This project will benefit the community at large, as it protects and provides continuation of the Pima County linear river park and trail systems, and provides alternative modes of transportation along the Rillito River.

Costs: ~~\$4,750,000~~ ~~\$3,000,000~~ with Administration being ~~\$100,000~~ ~~\$40,000~~, Construction being ~~\$3,212,500~~ ~~\$2,688,000~~, Design being ~~\$575,000~~ ~~\$150,000~~, Public Art being ~~\$87,500~~ ~~\$27,000~~, Utility Relocation being \$75,000, and Land acquisition being ~~\$700,000~~ ~~50,000~~.

Bond Funding: \$3,000,000

Other Funding: ~~None identified at this time~~ \$1,750,000 Flood Control Tax Levy

Project Duration: Planning at 24 to 36 months, Design at 24 to 36 months, and Construction at 48 to 60 months.

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

Project Management: Pima County Flood Control District

Future Operating and Maintenance Costs: Pima County Natural Resources, Parks and Recreation, with annual maintenance cost of \$72,250 per mile when completed.

5.10 Cañada del Oro River Park, Thornydale to Magee

Location: Thornydale Road to Magee Road

Scope: This section of the Cañada del Oro Wash is bank protected from the Union Pacific Railroad on the south bank and from just west of Thornydale on the north bank to the Omni Tucson National Golf Resort. The proposed project would provide a river linear park on the south river bank between Thornydale Road and the north end of Omni Tucson National Golf Resort plus a paved bike path connection to the Rillito River Park via Thornydale Road. It would include a paved pathway, the south bank, landscaping, irrigation, and 3 pedestrian crossings ~~6 pedestrian bridges~~. There will also be underpass ramps at Thornydale, Ina Road and Magee Road, a parking node at Magee Road with ramadas and a restroom, a parking easement at Thornydale and at Hardy Road, as well as a reclaimed water irrigation system.

Benefits: Pima County desires to provide additional planting and landscaping along the Cañada del Oro river park system to match and extend the scenic experience and quality of other completed and developed segments of the regional river park system.

Cost: \$7,100,000 ~~\$5,000,000~~, with Administration being \$10,000, Construction being \$3,980,000, Design being \$250,000, Planning being \$50,000, Public Art being \$50,000, reclaimed water line being \$500,000, and Utility Relocation being \$160,000.

Bond Funding: \$5,000,000

Other Funding: ~~None identified at this time~~. \$2,100,000 Flood Control Tax Levy

Project Duration: Planning at 24 to 36 months, Design at 24 to 36 months, and Construction at 48 to 60 months.

Implementation Period: 3, 4, 5, 6

Project Management: Pima County Flood Control District

Future Operating and Maintenance Costs: Pima County Natural Resources, Parks and Recreation, with annual maintenance costs of \$72,250 per mile when completed.

Question No. 6 - Sewer System Revenue Bonds

6.5 Tanque Verde Interceptor, Craycroft to Tucson Country Club (Phase II)

Location: Sewer alignment along the southerly bank of the Tanque Verde Wash – from Craycroft Road to the east end of the Tucson Country Club golf course.

Scope: This project includes construction of approximately 8,500 linear feet of 36-inch diameter sewer, in conjunction with approximately 3,250 feet of soil cement bank protection.

Benefits: The Tanque Verde Interceptor: Craycroft to Tucson Country Club, a 1997 Bond Election project, called for a 36-inch diameter interceptor sewer. Even though every reasonable effort has been made to find the most cost-effective route, the resulting alignment entails a structural crossing, bank protection and additional easements along the Pantano Wash and pipe protection along the southerly side of the Tanque Verde Wash. Larger flow management structures were needed to provide a high level of safety for sewer workers and the flexibility to reroute flows to the other interceptors. These features added to the level of complexity of this project and are beyond the scope of the project's initial cost estimate. The available route is both environmentally and topographically challenging and adds to the overall cost of the project. Due to the increased complexity, additional funding is requested to augment the \$4.05 million allocated to this project in the 1997 Bond Authorization. This project is a vital component of the region's interceptor system. With the completion of this portion of the Tanque Verde Interceptor system, flows can be rerouted from the North Rillito Interceptor system to the South Rillito Interceptor system.

The monies from this bond authorization for the Tanque Verde Interceptor will be used in conjunction with funds authorized by the 1997 bond ballot to construct the project. Design is substantially completed and easement acquisition is underway. Construction will begin when funds become available.

Cost: \$9,050,000, with Administration being \$100,000, Design being \$515,000, Right-of-Way being \$3,635,000, and Construction being \$4,800,000.

Bond Funding: ~~\$5,000,000~~ \$0

Other Funding: ~~4,050,000 from previous and planned expenditures from the 1997 Sewer Revenue Bond Authorization for SS-5, Tanque Verde Interceptor, Craycroft to Tucson Country Club (\$415,000 for design, \$3,635,000 expenditures for right-of-way.)~~

Project Duration: Right-of-Way at 12 to 24 months and Construction at 20 to 36 months.

Implementation Period: ~~1, 2, 3~~ On Hold

Project Management: Pima County Wastewater Management Department

Future Operating and Maintenance Costs: In the first year after construction, the line is structurally under warranty. The operating and maintenance costs thereafter are approximately \$2,000 per mile per year, or \$3,000 for the entire 1.5-mile reach. The costs are paid from Wastewater Management's budget, which is funded by user fees.

6.6 Marana Regional Airport Sewer Connection

Location: Town of Marana from the airport located on Avra Valley Road to Sanders Road and the Santa Cruz River.

Scope: Design and construct a sanitary sewerage conveyance system to serve the Marana Airport and vicinity. The conveyance system is conceptually planned to consist of a gravity outfall sewer from the Marana airport west to Sanders Road, then north to a pump station on the south bank of the Santa Cruz River. Sewage would be pumped from there, through a pressure line to an existing gravity sewer serving the Honea Heights Area.

Benefits: Will assist the economic development program planned for the airport and its adjacent area.

Cost: \$2,800,000, with Administration being \$56,000, Planning being \$100,000, Design being \$444,000, and Construction being \$2,200,000.

Bond Funding: ~~\$2,800,000~~ \$393,345

Other Funding: None identified at this time

Project Duration: Design at 12 to 18 months and Construction at 15 to 30 months.

Implementation Period: ~~1, 2, 3~~ On Hold

Project Management: Pima County Wastewater Management Department, in close consultation with the Town of Marana.

Future Operating and Maintenance Costs: In the first year after construction, the line is structurally under warranty. The operating and maintenance costs thereafter are approximately \$2,000 per mile per year, or \$6,000 for the entire 3-mile reach. The costs are paid from Wastewater Management's budget, which is funded by user fees.

6.10 New Marana Wastewater Treatment Plant (WWTP) Expansion

Location: East of Trico Road and North of Marana Road near the Santa Cruz River

Scope: This project provides an expansion of the existing Marana WWTP, including acquisition of property for the required setbacks, to provide capacity for the growth in the area, as well as produce effluent for reuse and/or recharge.

Benefits: Expanding population in the Marana WWTP service area necessitates increased wastewater treatment capacity. Wastewater flows are rapidly increasing. In cooperation with the Town of Marana, a 208 Plan was developed for the entire Marana sewer system, which includes utilizing the existing WWTF's site for an expanded treatment facility for the Northwest Marana area.

The \$2 million from the 1997 Bond Authorization originally envisioned the relocation and construction of a much smaller facility. The 1997 Bond Authorization will augment the 2004

bond funds. The capacity of the Marana facility is currently 150,000 GPD. This project will expand the overall facilities treatment capacity to approximately 2 MGD on a schedule compatible with the tributary area's projected new growth. Additional acreage surrounding the plant site will be acquired to meet current setback requirements. The expansion will provide effluent for reuse, recharge and/or environmental restoration.

Cost: ~~\$28,400,000~~, \$30,806,655 with Design being \$2,000,000, Right-of-Way being \$1,400,000 and Construction being ~~\$25,000,000~~ \$27,406,655.

Bond Funding: ~~\$10,000,000~~ \$12,406,655

Other Funding: \$2,050,000 from 1997 Sewer Revenue Bond Authorization SS - 8, New Marana Wastewater Treatment Plant (WWTP) Expansion, and \$16,350,000 from System Development Funds (SDF).

Project Duration: Right-of-way is concurrent with Procurement Design, with Design at 12 to 18 months, Right-of-Way at 10 to 20 months, and Construction at 24 to 36 months.

Implementation Period: 1, 2, 3

Project Management: Pima County Wastewater Management Department

Future Operating and Maintenance Costs: Based on similar plants (such as the Avra Valley WWTF), costs of \$750,000 per year are estimated. The costs are paid for from Wastewater Management's budget, which is funded by user fees.

6.11 Avra Valley BNROD Expansion

Location: Avra Valley BNROD Facility, 10,000 West Snyder Hill Road

Scope: To assist in funding the design and construction of a new 4 mgd Biological Nutrient Removal Oxidation Ditch (BNROD) wastewater treatment facility.

Benefits: The increased treatment capacity will be available to meet the projected future demand for wastewater service due to the anticipated large population increase and will also produce high quality effluent. The effluent produced will be suitable for either reuse, recharge of environmental restoration in riparian areas.

Cost: ~~\$35,549,000~~ \$54,322,782 Design being \$4,000,000, Land Acquisition being \$1,500,000 and Construction being ~~\$30,049,000~~ \$48,822,782.

Bond Funding: ~~\$25,000,000~~ \$30,000,000 This includes the original \$4,000,000 for 6.11 Miscellaneous Water Reclamation Facilities, the original \$12,000,000 for 6.8 Ina Road WPCF Central Plant and Electric Upgrade, and the original \$9,000,000 for 6.9 Ina Road WPCF Laboratory and Office Building and \$5 million from Project 6.5 Tanque Verde Interceptor. The Ina Road WPCF funding is being reallocated to this project because it is expected that the Santa Cruz Basin Nitrification/DeNitrification Study recently begun will provide valuable new information that will impact the future planning for the Ina Road WPCF and the planned Central Plant and Electric Upgrade and the Laboratory and Office Building.

Other Funding: ~~Additional System Development Funds (\$10,549,000) have been identified at this time and Developer participation may also be included.~~ \$24,322,782 (Additional System Development Funds and other funds)

Project Duration: Planning at 3 to 9 months, Design at 18 to 30 months, and Land Acquisition at 14 to 24 months.

Implementation Period: 1, 2, 3

Project Management: Pima County Wastewater Management Department

Future Operating and Maintenance Costs: There are no costs for this project until a WRF is constructed. Costs for a typical 4.0 mgd WRF with lift station are estimated at \$2 million per year. The 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 the _____ day of _____, 2008.

Chairman, Pima County Board of Supervisors

Attest:

Reviewed by:

Clerk, Pima County Board of Supervisors

Pima County Administrator

Approved as to Form:

Civil Deputy County Attorney