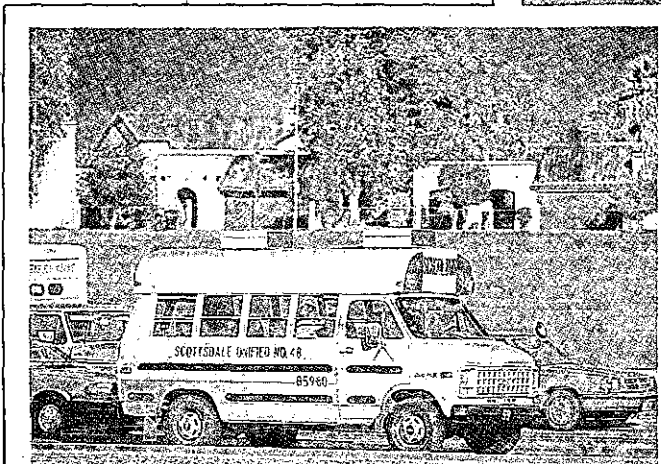
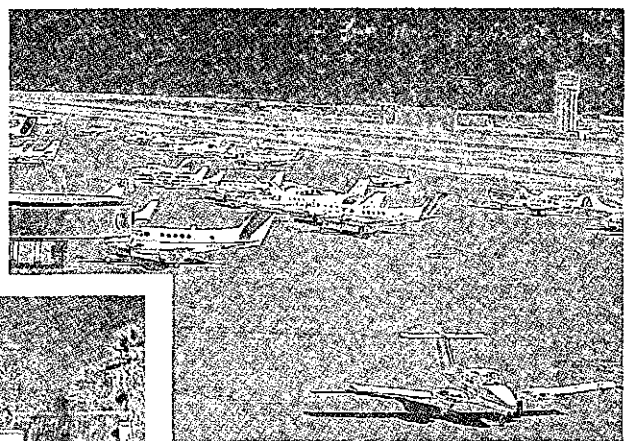
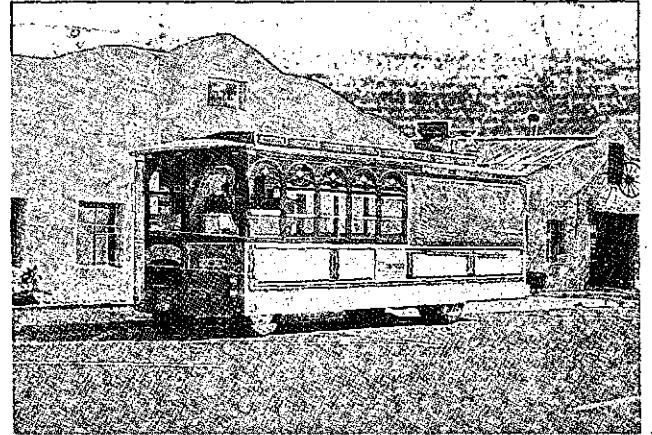
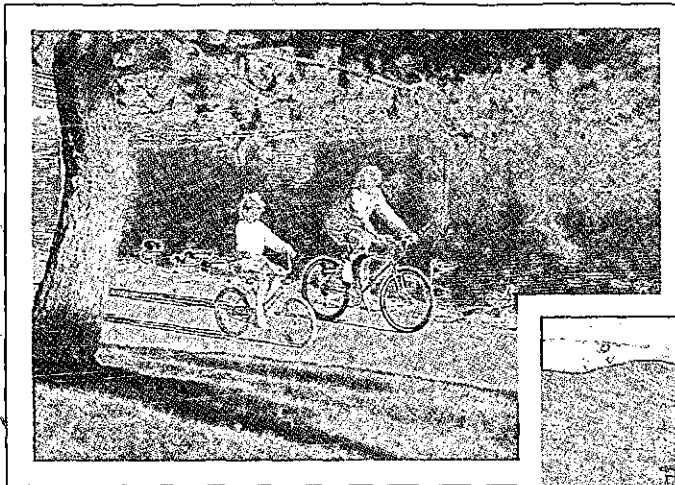


# CITY OF SCOTTSDALE ARIZONA



Approved 1990-91  
Capital Budget and  
Capital Improvements Plan

## ABOUT THE COVER

On November 7, 1989, Scottsdale citizens passed the City's biggest bond issue. Twenty-eight percent of the community's registered voters overwhelmingly approved \$287.2 million in bonds to fund Scottsdale's five-year capital improvements program. They also passed a .2 percent increase in the City's sales tax to fund a comprehensive transportation plan.

As a result, Scottsdale has the financial ability to address its key priorities for the 1990's — transportation, maintaining a high quality of life and planning effectively for future growth and development.

The 1990's will be an exciting period for Scottsdale — primarily because a number of the City's transportation needs will be realized. The downtown couplet, an integral part of Scottsdale's downtown plan, will be constructed. In addition to the couplet, Scottsdale will make major street improvements to relieve traffic bottlenecks, expand its computerized signal system and construct additional traffic signals.

Some of Scottsdale's most exciting plans for the 1990's will occur in the downtown area where the City will undergo a total revitalization which includes construction of a new 7,000-seat stadium. Other improvements include the implementation of a specialty retail streetscape plan which is highlighted by new paving, landscaping, signage and seating areas. Citizens and visitors alike will have easy access to the downtown area by trolley or by the City's local bus system, the Scottsdale Connection.

The 90's will also see the completion of the remaining link in the City's primary bike and pedestrian path system which is located in the Indian Bend Wash. When completed, there will be an 11 mile continuous path for bicycling, walking, skating, etc. Further, the City's overall transportation plan calls for a comprehensive bikeways feasibility study and construction of additional bike lanes and paths.

Another integral part of Scottsdale's transportation network is the Scottsdale Airport — one of the premier reliever airports in the country. Scottsdale Airport is currently pursuing regularly scheduled service to serve the community and surrounding areas. Numerous safety enhancements and airpark improvements will take place to provide this additional service.

The cover illustrates several aspects of Scottsdale's expanding transportation network: a portion of the Indian Bend Wash bike path, the downtown trolley, the Scottsdale Connection, the Scottsdale Airport and one of Scottsdale's busy thoroughfares.

**CAPITAL BUDGET  
&  
CAPITAL IMPROVEMENTS PLAN**

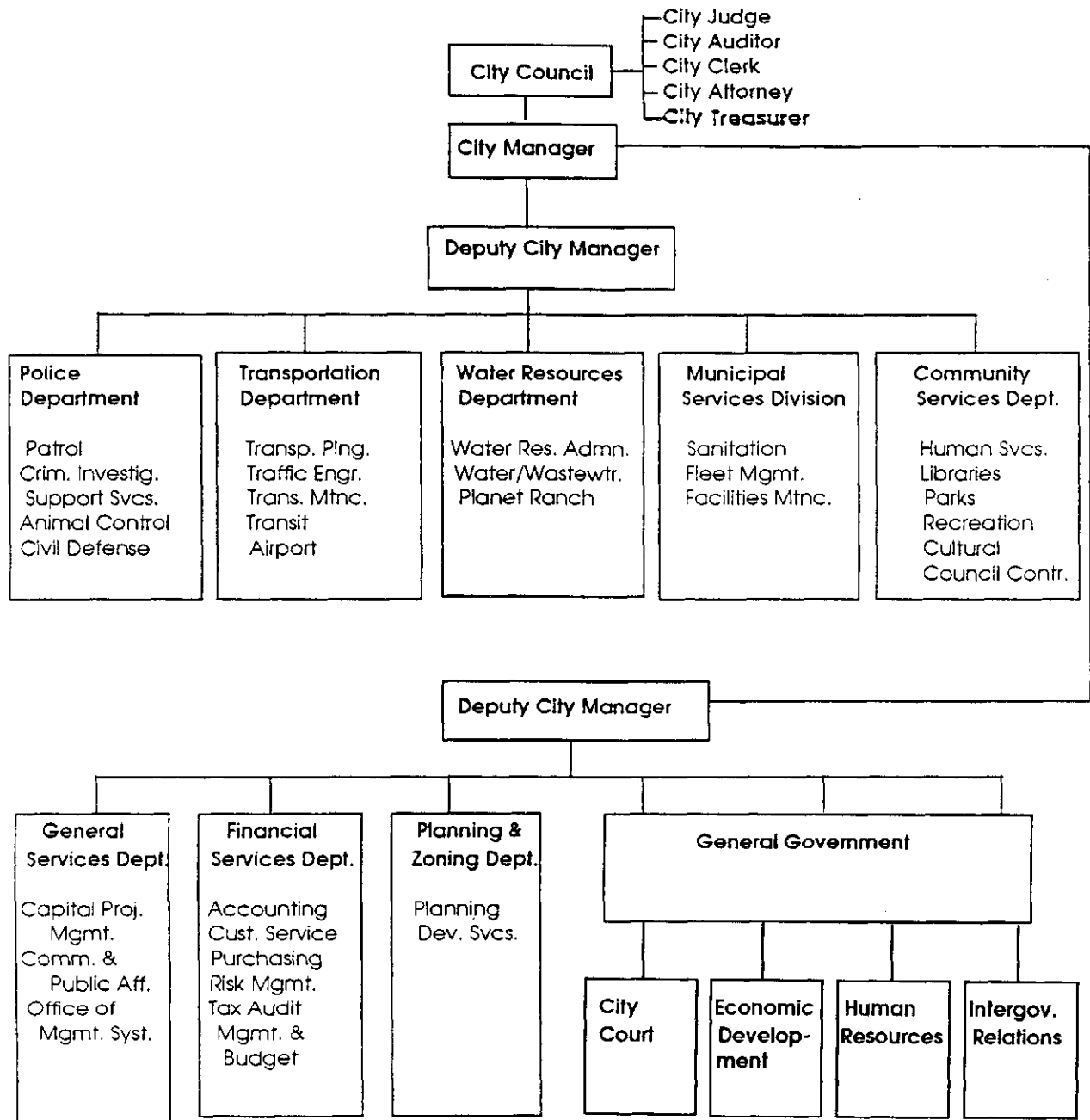
1990 - 1995



**CITY OF SCOTTSDALE, ARIZONA**

Volume II

Capital Budget  
&  
Capital Improvements Plan



# Scottsdale City Organization

# CITY OF SCOTTSDALE, ARIZONA

## 1990-91 CAPITAL BUDGET AND CAPITAL IMPROVEMENTS PLAN



**Herbert R. Drinkwater**  
Mayor

The 1990-91 Capital Budget and Capital Improvement Plan emphasizes three vital community issues -- transportation, water and quality of life. The plan recognizes our responsibilities to already developed areas of our community, while realizing the importance of establishing the framework for investing in our community's future growth and development.



**Greg Bielli**  
Councilman



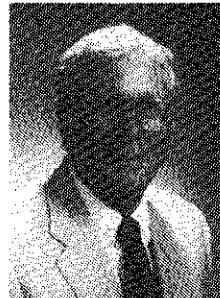
**Susan Bitter Smith**  
Councilman



**Sam Kathryn Campana**  
Councilman



**Ross Dean**  
Councilman



**Bill Soderquist**  
Councilman



**Bill Walton**  
Councilman



**Jorge Carrasco**  
City Manager

**Richard A. Bowers**  
Assistant City Manager

**James A. Jenkins**  
Financial Services  
General Manager

**Larry G. Aungst**  
Accounting Director

**Stephen R. Klepper**  
Management and  
Budget Director

**Judy L. Frost**  
CIP Coordinator

# 1990-91 BUDGET PROCESS

ECONOMIC TRENDS  
ANALYSIS  
OCTOBER 1989

FINANCIAL TRENDS  
MONITORING REPORT  
OCTOBER 1989

FIVE YEAR FINANCIAL  
FORECAST REPORT  
JANUARY 1990

CITIZEN SERVICE LEVELS/  
PERFORMANCE MEASURES  
JANUARY 1990

CAPITAL IMPROVEMENT  
PROGRAM  
JUNE 1990

OPERATING BUDGET  
JUNE 1990

## The 1990-91 Budget Process

The 1990-91 budget process is divided into 6 phases. It is a process which spans the entire fiscal year and builds upon policies and reports adopted by the City Council throughout the year. In summary, the 6 phases are as follows:

**1. Needs Assessment** This is the foundation for determining what our customers feel is needed. It is also an opportunity for gauging the level of public satisfaction with what and how we are doing. Needs can be analyzed by the professional staff, market surveys, public hearings, and board and commission input. During this phase, the boards and commissions as well as citizens are surveyed.

**2. Policy Phase** This phase involves development of City Council policy. It sets the tone, the direction of all policy and financial planning. A five year forecast, using assumptions approved by the City Council is formulated. The City Council also approves a report on economic and financial trends describing the City's economic and financial condition.

**3. Department Phase** In this phase, departments define what they currently do, at what cost, and how performance is measured. They also determine what would be required to implement the City Council's policy agenda. The City Council would review this information and provide direction on alternative citizen service levels. During this phase, the City Council approves a report on citizen service levels.

**4. City Manager Phase** In this phase, the City Manager develops a recommended financial plan based on the City Council's policy direction.

**5. Adoption Phase** In this phase, a proposed financial plan (the Capital Improvement Program and Fiscal Year Budget) is presented to the City Council. Also, a Citizen's Summary of the Budget is transmitted to the general public. Public hearings are held during this phase and the City Council adopts the financial plan and tax levy.

**6. Implementation Phase** During this phase, the operating and capital budget is monitored on a quarterly basis. The City Council Finance and Audit Committee is provided these reports and reviews them at their regular scheduled meetings.

Volume II

1990-95 Capital Budget  
and Capital Improvements Plan

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DEER VALLEY

BEARDSLEY

OUTER LOOP

FRANK LLOYD  
WRIGHT BLVD.

GREENWAY

THUNDERBIRD

SWEETWATER

CACTUS

CHOLLA

SHEA

DOUBLE TREE

McCORMICK

INDIAN BEND

McDONALD

CHAPARRAL

CAMELBACK

INDIAN SCHOOL

THOMAS

McDOWELL

McKELLIPS

56th

64th

SCOTTSDALE

HAYDEN

PIMA

96th

104th

110th

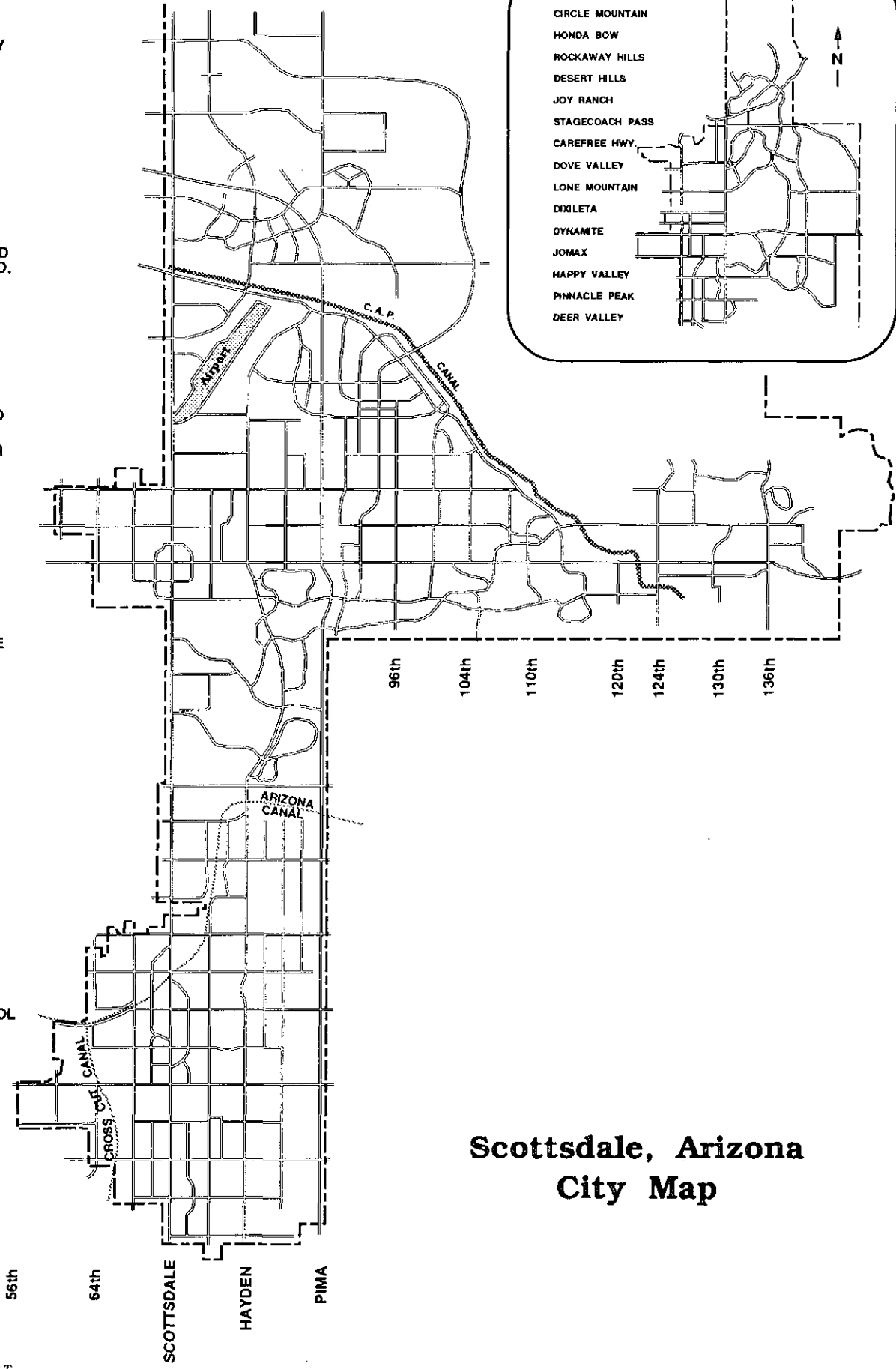
120th

124th

130th

136th

JENNY LYNN  
 CIRCLE MOUNTAIN  
 HONDA BOW  
 ROCKAWAY HILLS  
 DESERT HILLS  
 JOY RANCH  
 STAGECOACH PASS  
 CAREFREE HWY.  
 DOVE VALLEY  
 LONE MOUNTAIN  
 DIXILETA  
 DYKAMITE  
 JOMAX  
 HAPPY VALLEY  
 PINNACLE PEAK  
 DEER VALLEY



## Scottsdale, Arizona City Map





June 4, 1990

Honorable Mayor and City Council  
City of Scottsdale  
Scottsdale, Arizona

Dear Mayor and Members of the City Council

I am pleased to transmit the Capital Improvements Plan for 1990-1995, an investment in Scottsdale's future. This \$397 million investment is a continuance of the comprehensive plan you approved in June 1989.

The 1990-95 capital improvements program is based on the November 7, 1989, voter approved bond program of \$287.2 million. These bonds will be used to fund 65% of the plan with 28% funded pay-as-you-go and the remaining 7% unfunded at this time. As is customary with the City's five-year plan, the completed year is dropped and a new fifth year added. In addition, the new plan reflects timing and funding changes deemed necessary to address the City's most current needs.

With the addition of FY 1994/95, the 1990-1995 Capital Improvements Plan continues to highlight three key themes:

- o transportation,*
- o water and,*
- o quality of life.*

This letter provides an overview of the financial aspects of the 1990-95 Capital Budget and Capital Improvements Plan, changes to the plan with the addition of a new fifth year and then presents the plan in the perspective of the three themes described above. The theme section outlines the principal elements of the plan and details significant projects slated for FY 1990/91. The transmittal letter concludes with a brief discussion of concerns we know to be future issues.

### FINANCIAL ASPECTS OF THE CAPITAL IMPROVEMENTS PROGRAM

The capital program totals \$397 million. The transportation and drainage/flood control component of this program represents 45% of the total, water/wastewater comprises 36%, and quality of life components (defined as parks, libraries, Canal Bank, etc.) represent 15% of the program.

The five year capital improvements program will be financed largely through voter approved bonds and .2% privilege tax increase (total \$290.8 million). Other sources are Municipal Properties Corporation bonds, current revenue, trusts, and reimbursements totalling \$78.8 million. \$27.5 million, primarily FY 1994/95 projects, are unfunded at this time. Possible future funding sources are contributions from the operating budget, miscellaneous unbudgeted reimbursements and a future bonding program.

#### 1990-95 Capital Improvements Program Funding Sources

	Adopted CIP <u>(In Millions)</u>	Percent of Total <u>Funding Sources</u>
General Obligation Bonds	\$ 169	43
Revenue Bonds	83	21
MPC Bond	6	1
Pay-As-You-Go		28
Trusts	17	
Contributions	1	
Current Revenue	54	
.2% Privilege Tax	39	
Unfunded	<u>28</u>	<u>7</u>
<b>TOTAL</b>	<b>\$ 397</b>	<b>100</b>

#### Impact on Property Taxes

A property tax increase in FY 1990/91 is anticipated due to the increase in debt service requirements of this plan. The property tax increase will impact a \$100,000 home by \$13 annually.

To fund approved general obligation bonds, property taxes will increase by the following levels:

	Tax Rates (Per \$100 Assessed Valuation)	Annual Tax Bill <u>(\$100,000 Home)*</u>	Annual Tax Bill <u>(\$1 Million Business)*</u>
FY 1990-91	\$.8643	\$ 86.43	\$2,160.75
FY 1991-92	1.0319	107.83	2,695.75
FY 1992-93	1.1562	126.86	3,171.50
FY 1993-94	1.1511	133.25	3,331.25
FY 1994-95	1.2015	146.04	3,651.00

\* Tax roll of 1990

**Utility Impacts**

A 5.5% increase water and sewer rates increase is anticipated. For an average homeowner this translates into monthly increase of \$1.26 for water and 29 cents for sewer.

To fund the water and wastewater program, rates for water and wastewater are projected to increase in accordance with the following schedule:

	Percent Increase		Average Monthly Impact	
	Water	Wastewater	Water	Wastewater
FY 1990-91	5.5%	5.5%	\$ 1.25	\$ .29
FY 1991-92	5.5	5.5	1.33	.31
FY 1992-93	5.5	5.5	1.40	.32
FY 1993-94	5.5	5.5	1.48	.34
FY 1994-95	5.5	5.5	1.56	.36

**Total Operating Impact**

This capital improvement program will increase costs for City operating budgets for the next five years in the following manner:

	General Fund (In Thousands)	Water/Sewer Fund (In Thousands)
FY 1990-91	\$ 82.4	\$ 17.2
FY 1991-92	800.5	24.9
FY 1992-93	1,988.2	312.3
FY 1993-94	2,100.0	388.8
FY 1994-95	<u>3,618.5</u>	<u>5,289.0</u>
	\$8,589.6	\$6,032.2

New operating revenue in this five year period is estimated at \$640,000.

**CIP WITH THE ADDITION OF FY 1994/95**

The 1990-95 program totals \$397 million. Principal elements of the program include:

- o \$132 million for Transportation which represents 33% of the program; \$20 million in projects was added for projects primarily slated for FY 1994/95. Of this amount nearly half can be paid from anticipated privilege tax revenue dedicated to transportation and the remainder is at this time unfunded,
- o \$46 million for Drainage/Flood Control which represents 11% of the program with \$4 million additional projects slated for FY 1994/95 all of which are unfunded,
- o \$141 million for Water/Wastewater which represents 36% of the program with \$4 million additional projects slated for FY 1994/95 all of which are unfunded,
- o \$58 million for Community Facilities which represents 15% of the program with \$8 million additional projects slated for FY 1994/95 all of which are unfunded,
- o \$13 million for Service Facilities which represents 3% of the program and,
- o \$6 million for Public Safety which represents 2% of the program with a \$0.6 million additional project slated for FY 1994/95 which is unfunded.

**AN INVESTMENT IN SCOTTSDALE'S FUTURE**

**TRANSPORTATION**

Transportation is Scottsdale's most significant infrastructure deficiency. 32% of the FY 1990/91 CIP program is transportation focused to address this pressing need.

**LANE MILE ENHANCEMENTS**

**MAJOR STREET IMPROVEMENTS**

- o Pima Road
- o Frank Lloyd Wright Boulevard
- o Scottsdale Road
- o Downtown Couplet
- o Hayden Road

**TRANSIT**

- o Benches/Bus Shelters

1990/91 FY (In Millions)			
	Adopted Program	Original Program	Change
	\$25.7	\$23.6	+\$2.1

**LANE MILE ENHANCEMENTS**

In FY 89/90 we determined that Scottsdale's current population needs require 400 lane miles of non-residential streets from couplet/expressway to minor collector compared to our then 275 lane miles. Street projects that began in FY 1989/90 will provide 14 lane miles and those scheduled to begin in FY 1990/91 will add 12 lane miles. The first two years of the 1990-95 CIP are primarily focused on planning and preliminary design work. In FY 1991/92 a significant portion of street improvements will begin. By FY 1994/95 Scottsdale will have approximately 375 lane miles of streets.

**MAJOR STREET IMPROVEMENTS**

**Pima Road**

**o Widening**

In FY 1989/90 Pima Road widening from Bell Road to Dynamite was completed and design work for widening Pima from Shea Boulevard to Frank Lloyd Wright Boulevard begun with construction slated for FY 1990/91. The 1990-95 plan includes our contractual obligation to widen Pima Road from Frank Lloyd Wright Boulevard to Bell Road by FY 1990/91 to alleviate traffic capacity problems during events at the TPC and Horserworld.

**o Improvements/Buffering**

The Arizona Department of Transportation and the Salt River Maricopa Pima Indian community are currently negotiating for additional right-of-way on the east side of Pima Road, and Scottsdale will offer its assistance whenever possible. ADOT has informed the City that construction of several Outer Loop interchanges could begin as early as the summer of 1990.

*Pima Road Cont.*

**o Interim Outer Loop**

Scottsdale is working together with the State and the private sector to build an interim, temporary Outer Loop. In FY 1989/90 the City Council approved preliminary engineering plans for this joint project. The City will contribute \$2 million currently budgeted in FY 1991/92; adjacent property owners through formation of an improvement district are expected to contribute approximately \$3 million; and ADOT the remaining \$5 million to complete the approximately \$10 million project.

**o North/South Feasibility Study**

The City is conducting a North-South feasibility study for streets within the southern portion of the City to identify alternative solutions in alleviating Pima Road congestion. The City will award the study contract in May 1990 and will be reviewing recommendations to determine the feasibility of various road widening projects.

**Frank Lloyd Wright Boulevard**

o Given the work that is already underway to complete the Pima/CAP Improvement District, the City has a unique opportunity to accelerate construction of Frank Lloyd Wright Boulevard and thereby provide a continuous link from Scottsdale Road to Shea Boulevard along this arterial corridor. By shifting some funding forward we will be able to reduce the timetable for construction of Frank Lloyd Wright Boulevard by 6 to 12 months. Frank Lloyd Wright Boulevard construction is expected to be complete in FY 1992/93.

**Scottsdale Road**

- o The 1990-95 transportation program results in 14 continuous miles of Scottsdale Road improved to General Plan standards from McKellips Road to the Outer Loop including widening Scottsdale Road to six lanes from McDowell to Earll. Design work for this street widening and associated drainage improvements have been completed and construction is slated to be completed in late 1990.
- o Scottsdale Road widening from McDonald to Indian Bend and from Thunderbird Road to the Outer Loop Alignment have been added to the plan with construction slated to begin in FY 1994/95.

**Downtown Couplet**

**East Couplet**

o In FY 1989/90 the City began design work for a section of the East Couplet north of Indian School Road to the Galleria. During FY 1990/91 design work will continue and construction will begin for this section of the couplet. Increased congestion in the downtown area creates a need to keep this project moving forward on schedule.

**West Couplet**

o In FY 1990/91, design of the West Couplet section from Indian School Road to Osborn Road will begin, with construction to follow in 1992/93. Construction of the section from Indian School Road to Camelback Road will begin in FY 1991/92. When complete, these sections coupled with the recently completed section which is routed through Fashion Square, will finalize West Couplet construction.

**Hayden Road**

- o With completion of the section from Via de Ventura to Shea Boulevard to six lanes in FY 1990/91, a continuous ten-mile major arterial will be complete to General Plan standards from the Scottsdale/Tempe border to Cactus Road.

**Other Major Street Improvements**

- o Completion of the Pima/CAP improvement district and other roadway construction included in the 1990-95 capital improvements plan will provide a substantial percentage of the streets needed to serve the residential area bounded by Shea Boulevard, Pima Road and the CAP Canal and more readily circulate traffic out of that area and onto major arterial streets.

**TRANSIT**

**Benches/Bus Shelters**

A five-year plan has been formulated to address the current shortage of bus benches and shelters. By the end of FY 1990/91 the City will have added 31 benches and 9 shelters. Over the balance of this five year program another 90 benches and 23 shelters will be added.

DRAINAGE/FLOOD CONTROL (In Millions)		
1990/91 FY		
Adopted Program	Original Program	Change
\$8.9	\$5.5	+\$3.4

**DRAINAGE/FLOOD CONTROL**

FY 1990/91 CIP drainage and flood control program includes detention basins, culvert and channel projects, and other storm drainage projects. The program is interrelated with transportation improvements. Changes in one area will affect the other area.

Significant drainage/flood control projects for FY 1990/91 of the CIP include:

- o Solution to flooding at the intersection of Lincoln Drive and Scottsdale Road,
- o improvements to Larkspur Detention Basin, and
- o a drainage solution for the flooding that occurs on McKellips Road at the Granite Reef Wash.



**WATER**

FY 1990/91 of the CIP program reflects the City's commitment to its Water Resources Plan and to compliance with the 1980 Groundwater Code. Accordingly, the emphasis is on reclaiming and storing water and treated wastewater for underground recharge, and on decreasing consumption of groundwater.

**WATER/WASTEWATER**

- o Regional Wastewater Reclamation Plant and Advanced Water Treatment Plant
- o Initial Recharge and Recovery Facility
- o CAP/SRP Interconnect Facility
- o SRP Filtration Plant

1990/91 FY (In Millions)		
Adopted Program	Original Program	Change
\$24.0	\$29.1	-\$5.1

**WATER AND WASTEWATER**

Significant water and wastewater projects in FY 1990/91 of the CIP include:

- o Initial planning and preliminary design work for a regional wastewater reclamation plant and an advanced water treatment plant in north-central Scottsdale. The effluent from this plant will be used primarily for irrigation of golf courses and parks. Wastewater in excess of these irrigation needs will be treated to potable quality through the advanced treatment plant and recharged for groundwater storage.
- o Planning and preliminary design work for construction of an initial recharge and recovery facility. This pilot program will be used to determine long-range needs of the City and develop a full-scale recharge and recovery system.
- o CAP/SRP Interconnect Facility construction to provide the City with the flexibility to deliver various water supplies through the CAP aqueduct into the SRP canal.
- o Initial planning and preliminary design work for construction of SRP Filtration Plant construction (South Scottsdale). This plant will provide full treatment for Scottsdale's SRP allocation which is currently being treated by the City of Phoenix.

**QUALITY OF LIFE**

Scottsdale is committed to maintaining its quality lifestyle by improving and adding recreational facilities, expanding its library system, and rejuvenating its downtown area.

**COMMUNITY FACILITIES**

Parks/Recreation

- o Cholla Park
- o Sprinkler System Upgrade in South Parks

Library

- o Civic Center Library Expansion
- o ATLAS Computer Upgrade

Downtown Plan

- o Canal Bank
- o Streetscape Improvements

Bicycle Paths

Multi-use Sports and Cultural Facility

1990/91 FY (In Millions)			
	Adopted Program	Original Program	Change
	\$17.2	\$16.0	+\$1.2

**COMMUNITY FACILITIES**

The FY 1990/91 Community Facilities program includes:

- o Cholla Park construction
- o Sprinkler system upgrade in South Parks
- o Ballfield Lighting Improvements
- o Design of the 52,000 square foot Civic Center Library expansion
- o Upgrades to the ATLAS computer system
- o New paving, landscaping, signage, seating areas and streetlights to enhance the appearance and safety of the downtown area.
- o Continuance of the Canal Bank Master Planning phase with construction scheduled to begin early in 1991.
- o Design of the remaining 3 mile section of the Indian Bend Wash bicycle and pedestrian path. Completion of the Indian Bend Wash bicycle path will connect two existing paths and provide eleven miles of continuous bike path in an area of high recreational use.
- o Bicycle path link between the Indian Bend Wash bike path and the Civic Center area.
- o Design review of the Multi-use Sports and Cultural Facility. Construction is slated to begin in April 1991 at the conclusion of the Spring training schedule with a completion date of January 1992 in time to begin that year's spring training schedule.

**Community Facilities Highlights:**

- o The completion of ballfield improvements has been accelerated one year to FY 1990/91 due to an increasing demand for night lighted athletic fields. Little League, Little Miss Softball and youth soccer have all approached the City stating that their enrollments have climbed and they are finding it nearly impossible to meet the demand.
- o Based on the City's receipt of a grant from the Maricopa County Library District, \$200,000 has been allocated for the purchase of books in FY 1990/91 for the Palomino Library, the second branch library to be constructed. This purchase meets the maintenance of effort requirements of the grant for obtaining the money.
- o FY 1990/91 provides numerous opportunities to incorporate environmental and functional art into the design of the Canal Bank Master plan, Downtown Streetscape improvements in the Old Town and Fifth Avenue areas and the Multi-Use Sports and Cultural Facility.

**SERVICE AND SAFETY**

**SERVICE FACILITIES**

Municipal Office Space

Management Systems

- o Geographic-based Information System

**PUBLIC SAFETY**

- o Joint Police/Fire Training Facility
- o Fire Station, Scottsdale Road/Shea Vicinity
- o Relocation of Fire Station #12 (Thunderbird and Scottsdale Road)
- o Installation of the traffic signal interruption system
- o Development of New Police Trunked Voice Radio Communication System and Purchase of an Automated Fingerprint Identification System

1990/91 FY (In Millions)

Adopted Program  
\$4.5

Original Program  
\$4.1

Change  
+\$0.4

**SERVICE FACILITIES**

**Municipal Office Space**

This program totals \$13.2 million over the next five years and includes an additional municipal office building in the Civic Center area as well as expansion of existing office facilities.

**Management Systems**

Because public facilities are a function of land use, development of a geographic-based information system was begun in FY 89/90. Preliminary implementation is scheduled to take place in FY 1990/91 which will enable the City to inventory all public service facilities in our land area, to track development and land uses, and to simulate alternative development scenarios and their impact on infrastructure. This capability will enhance the City's ability to integrate land use and capital planning.

**PUBLIC SAFETY**

Public Safety requirements total \$5.7 million to continue the improvements which began in FY 1989/90. The central purpose is to upgrade or add public safety facilities that are needed to serve a growing population and to provide the technology needed to support our law enforcement and fire safety efforts. The five year fire program is presented as proposed in FY 1989/90 however changes in the program may result from recommendations of a recent consultant report on fire services.

FY 1990/91 public safety projects include:

- o Conceptual development and design of a joint police/fire training facility,
- o A permanent fire station in the vicinity of Scottsdale Road and Shea Boulevard,
- o Relocation of Fire Station #12 at Thunderbird and Scottsdale Road to the Scottsdale Airport,
- o Installation of the traffic signal interruption system, and
- o Development of a new police trunked voice radio communications system and purchase of an automated fingerprint identification system.

The joint police/fire training facility will be built and managed by the City and leased to Rural Metro and other Valley fire or police departments. The lease revenue will be used to pay for a portion of debt service.

## **FUTURE ISSUES**

### **East Couplet**

East Couplet construction between Fifth Avenue and Camelback Road may need to occur before private development takes place along this section. The City anticipates significant private development participation and will make every effort to incorporate such participation, but if unable to secure a scheduling commitment, may have to delay construction or consider accelerating its involvement to complete the project in a timely manner.

### **Scottsdale Road**

Some Councilmembers have previously expressed an interest in widening Scottsdale Road north of Princess Drive to Pinnacle Peak Road or to Jomax. The cost of constructing an interim widening similar to that of Pima Road north of Bell Road is estimated to be \$850,000 to Pinnacle Peak Road or \$1.4 million to Jomax. Should the Council wish to add this project to the capital plan, the capital contingency account could provide a source of funds.

### **91st Avenue Wastewater Treatment Plant**

New Federal and State water quality standards being developed may require capital improvements to the 91st Avenue Wastewater Treatment Plant in the amount of approximately \$300 million dollars. Scottsdale's share of these improvements could cost approximately \$21 million. However, due to the uncertainty of legislation, timing, and amount, no increase in the budget for the 91st Avenue Treatment Plan is included in this budget.

### **Municipal Properties Corporation Financing for the Canal Bank**

Canal Bank Improvements will be financed through the issuance of \$6.4 million Municipal Properties Corporation bonds supported by hotel/motel tax revenues to service the debt. Due to pending legislation concerning restricted uses of MPC bonds, the City may have to consider other funding sources.

### **Right-Of-Way Acquisition Study**

The City is studying the potential of cost savings from early acquisition. Depending on the results of the study, the City will review the feasibility of accelerating some of its right-of-way purchases.

## CONCLUSION


This capital improvements plan addresses the community's most significant needs. Scottsdale's agenda for the 1990's highlights how we plan to meet the challenges of providing an adequate transportation system, maximizing our water resources and maintaining high quality of life standards. In addition, Scottsdale has a number of unique opportunities before us which include further development of our canal banks, preservation of our Sonoran desert and continued growth of our cultural and public amenities.

The City's five year capital improvements plan incorporates a balanced distribution of projects throughout the community. In FY 1990/91 more than 60% of the capital improvements program is budgeted for improvements south of McCormick Ranch including such projects as Scottsdale Road widening between McDowell and Earll Drive, Downtown Couplet Street Improvements, Canal Bank Improvements, Downtown Streetscape Improvements and construction of a new Multi-Use Facility to replace the baseball stadium.

I would like to thank the staff, all the General Managers, the Budget Task Force, and the dedicated Financial Services group. Their expertise and hard work made this plan possible.

I would also like to thank the City Council for the high degree of involvement they demonstrated during the review and adoption of this plan. I look forward to working with the Council in implementing this comprehensive capital plan and continuing the commitment we made in FY 1989/90.

Respectfully submitted,

  
Jorge Carrasco  
City Manager



# CAPITAL IMPROVEMENT PROGRAM SUMMARY

1990/91 - 1994/95

## PROGRAM SUMMARY

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
	(In Thousands of Dollars)					
Transportation	\$25,728.5	\$37,779.5	\$25,977.5	\$17,512.5	\$24,611.5	\$131,609.5
Drainage/Flood Control	8,859.3	8,243.3	17,669.3	4,952.7	6,703.1	46,427.7
Water/Wastewater	24,025.6	21,633.6	43,733.4	37,297.3	14,734.0	141,423.9
Community Facilities	17,211.0	20,926.0	2,961.8	9,293.4	8,349.0	58,741.2
Service Facilities	410.0	138.7	2,038.1	10,696.2		13,283.0
Public Safety	4,100.2	933.3	67.5		610.0	5,711.0
<b>Total</b>	<b>\$80,334.6</b>	<b>\$89,654.4</b>	<b>\$92,447.6</b>	<b>\$79,752.1</b>	<b>\$55,007.6</b>	<b>\$397,196.3</b>

## FISCAL SUMMARY

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
	(In Thousands of Dollars)					
<b>FUNDING SOURCES</b>						
Bonds						
6% General Obligation Bonds	\$24,719.0	\$31,000.3	\$17,500.6	\$7,559.0	\$6,705.9	\$87,484.8
20% General Obligation Bonds	13,969.8	25,832.2	21,118.4	14,374.5	3,791.1	79,086.0
Revenue Bonds	14,938.2	11,133.5	32,233.4	24,657.3		82,962.4
MPC Bonds	3,020.4	3,027.1				6,047.5
Bond Proceeds, Series A	3,022.6					3,022.6
Pay-As-You-Go						
Trusts	690.1	3,044.4	2,308.0	11,049.1	121.5	17,213.1
Contributions/Reimbursements	390.9	105.6	683.0	125.4	108.0	1,412.9
Current Revenue	8,947.4	10,561.2	11,500.0	12,535.0	10,801.0	54,344.6
.2% Privilege Tax	5,500.0	6,600.0	7,800.0	9,100.0	9,700.0	38,700.0
Bond Interest Earnings	4.0	20.6	21.7	22.8	17.0	86.1
Advancements/Reimbursements	5,132.2	(2,724.2)	(1,839.0)	(569.0)		0.0
Unfunded		1,053.7	1,121.5	898.0	23,763.1	26,836.3
<b>Total</b>	<b>\$80,334.6</b>	<b>\$89,654.4</b>	<b>\$92,447.6</b>	<b>\$79,752.1</b>	<b>\$55,007.6</b>	<b>\$397,196.3</b>



**CITY OF SCOTTSDALE  
FIVE YEAR FINANCIAL FORECAST  
DEBT SERVICE REQUIREMENT BY TYPE OF DEBT  
FISCAL YEARS 1990-91 THROUGH 1994-95**

	1990-91	1991-92	1992-93	1993-94	1994-95	FINAL DATE
<b>GENERAL OBLIGATION BONDS</b>						
<b>Debt Service Fund:</b>						
1988 Civic Center	\$ 268,975	\$ 252,975	\$ 243,475	\$ 258,075	\$ 273,500	07/01/88
1984 Public Buildings Series A	1,887,920	1,887,920	1,774,600	1,669,200	1,551,800	07/01/85
1984 Parks & Recreation Series A	690,250	653,750	616,250	577,500	538,750	07/01/85
1984 Storm Sewer Series A	82,830	78,450	73,950	69,300	64,650	07/01/85
1985 Public Buildings Series B	321,265	319,315	319,615	317,365	3,151,187	07/01/05
1985 Parks & Recreation Series B	417,644	415,108	415,488	412,574	409,743	07/01/05
1985 Storm Sewer Series B	331,874	330,958	330,259	327,944	325,683	07/01/05
1989 Series A	2,035,080	2,035,080	2,035,080	2,035,080	2,035,080	07/01/10
New Bonds	1,447,800	5,048,038	6,848,850	10,904,025	12,101,813	07/01/14
Fiscal Agent Fees	10,000	11,000	12,000	13,000	14,000	
<b>Total Debt Service Fund</b>	<b>\$ 7,587,738</b>	<b>\$ 11,024,476</b>	<b>\$ 14,469,778</b>	<b>\$ 16,579,063</b>	<b>\$ 20,466,016</b>	
<b>Water Utility Fund:</b>						
1986 Water Acquisition	\$ 3,108,378	\$ 3,164,823	\$ 3,217,553	\$ 3,286,153	\$ 3,320,208	07/01/06
<b>Sinking Fund:</b>						
1973 Storm Sewer	\$ 187,250	\$ 187,250	\$ 3,687,250	\$	\$	07/01/93
<b>Total Sinking Fund</b>	<b>\$ 187,250</b>	<b>\$ 187,250</b>	<b>\$ 3,687,250</b>	<b>\$</b>	<b>\$</b>	
<b>Total General Obligation Bonds</b>	<b>\$ 10,883,366</b>	<b>\$ 14,376,549</b>	<b>\$ 21,374,581</b>	<b>\$ 19,845,216</b>	<b>\$ 23,788,224</b>	
<b>REVENUE BONDS</b>						
<b>Highway User Fund:</b>						
1984 HURF Series A	\$ 553,182	\$ 542,562	\$ 557,500	\$ 568,312	\$ 516,840	07/01/03
1985 HURF Series B	534,110	531,822	531,480	522,510	516,840	07/01/05
1987 HURF Series C	762,238	805,235	783,410	782,950	782,035	07/01/07
1989 Refunding	1,140,888	1,237,513	1,237,903	1,237,508	1,811,308	07/01/05
Fiscal Agent Fees	3,800	3,800	3,800	3,800	3,800	
<b>Total Highway User Fund</b>	<b>\$ 3,022,180</b>	<b>\$ 3,120,932</b>	<b>\$ 3,114,073</b>	<b>\$ 3,115,080</b>	<b>\$ 3,113,983</b>	
<b>Water Utility Fund:</b>						
1973 Utility Refunding Series C	\$ 264,308	\$ 265,908	\$ 274,908	\$ 270,908	\$ 238,280	07/01/95
1977 Utility Refunding Series C	484,000	462,000	462,000	462,000	462,000	07/01/92
1984 Utility Refunding Series A	762,238	812,238	1,381,986	1,381,363	1,417,663	07/01/00
1988 Series A	377,504	373,579	371,729	369,242	366,117	07/01/09
New Bonds	290,858	1,016,138	2,250,757	3,621,752	4,331,475	07/01/13
Fiscal Agent Fees	3,000	3,500	4,000	4,500	5,000	
<b>Total Water Utility Fund</b>	<b>\$ 2,181,908</b>	<b>\$ 2,933,363</b>	<b>\$ 4,283,382</b>	<b>\$ 5,657,764</b>	<b>\$ 6,358,715</b>	
<b>Sewer Utility Fund:</b>						
1973 Utility Refunding Series C	\$ 68,077	\$ 66,477	\$ 68,727	\$ 67,727	\$ 59,565	07/01/85
1977 Utility Refunding Series C	121,000	115,500	115,500	115,500	115,500	07/01/82
1989 Series A	377,504	373,579	371,729	369,242	366,117	07/01/09
New Bonds	290,858	1,016,138	2,250,757	3,621,752	4,331,475	07/01/13
Fiscal Agent Fees	1,200	1,200	1,700	2,200	2,700	
<b>Total Sewer Utility Fund</b>	<b>\$ 858,139</b>	<b>\$ 1,572,894</b>	<b>\$ 2,682,913</b>	<b>\$ 4,060,920</b>	<b>\$ 4,759,857</b>	
<b>Total Revenue Bonds</b>	<b>\$ 6,060,227</b>	<b>\$ 7,627,188</b>	<b>\$ 10,080,367</b>	<b>\$ 12,833,784</b>	<b>\$ 14,232,554</b>	
<b>MPC BONDS</b>						
<b>Excise Debt Fund:</b>						
Asset Transfer	\$ 4,198,332	\$ 4,198,283	\$ 4,197,902	\$ 4,191,927	\$ 4,181,012	11/01/14
Golf Course	1,586,597	1,584,663	1,583,713	1,582,763	1,581,813	07/01/04
Arts Building, Parking Garage	683,530	681,980	680,430	678,880	677,330	07/01/86
Street Improvements	189,485	189,485	189,485	189,485	189,485	07/01/01
Underpass, Library, Police, Horseworld	4,329,945	4,334,785	4,334,190	4,333,085	4,333,125	07/01/05
New Bonds	277,838	715,875	714,713	714,713	715,375	07/01/11
Fiscal Agent Fees	30,000	32,000	32,000	32,000	32,000	
<b>Total Excise Debt Fund</b>	<b>\$ 11,275,707</b>	<b>\$ 11,718,291</b>	<b>\$ 11,717,505</b>	<b>\$ 11,708,892</b>	<b>\$ 11,701,720</b>	
<b>Total MPC Bonds</b>	<b>\$ 11,275,707</b>	<b>\$ 11,718,291</b>	<b>\$ 11,717,505</b>	<b>\$ 11,708,892</b>	<b>\$ 11,701,720</b>	

CITY OF SCOTTSDALE  
 FIVE YEAR FINANCIAL FORECAST  
 DEBT SERVICE REQUIREMENT BY TYPE OF DEBT  
 FISCAL YEARS 1990-91 THROUGH 1994-95

	1990-91	1991-92	1992-93	1993-94	1994-95	FINAL DATE
<b>CONTRACTS PAYABLE</b>						
General Fund:						
Computer Aided Dispatch	\$ 330,809	\$	\$	\$	\$	05/30/91
Computer Phase III	121,383					10/28/90
Computer Phase IVA (Update)	53,134	26,565				12/23/91
Computer Phase IVB	973,050	972,517				04/01/92
Computer Truck	88,007	87,728	87,428	87,106		09/30/93
Riviera Ranch	783,750					01/05/91
Reppertwood	41,118	41,118	41,118	41,118	41,118	02/01/96
Scottsdale Plumbing/Downtown Row	82,194					01/15/91
Telephone Phase III	34,575	58,814				09/19/90
Telephone Phase III	119,635	252,578	252,578	252,578	252,578	12/23/91
U.S. Corps Of Engineers - IBW	252,578					2040
Total General Fund	\$ 2,860,013	\$ 1,440,320	\$ 381,124	\$ 380,802	\$ 283,896	
Water Utility Fund:						
Allison Well	\$ 55,000	\$	\$	\$	\$	03/14/91
Plant 6	580,344	506,739	422,762	313,023		07/01/94
State Land - CAP Treatment Plant	427,124					12/20/90
Total Water Utility Fund	\$ 1,062,468	\$ 506,739	\$ 422,762	\$ 313,023	\$	
Sewer Utility Fund:						
State Land - Sewer Reclamation Plant	\$ 189,984	\$	\$	\$	\$	
Total Contracts Payable	\$ 4,132,465	\$ 1,947,059	\$ 803,886	\$ 683,825	\$ 283,896	
<b>OTHER LIABILITIES</b>						
General Fund:						
Fiscal Agent Fees	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	
Contributions to Sick Leave Liability	300,000	300,000	300,000	300,000	300,000	
Total General Fund	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	
Water Utility Fund:						
Required Contributions:						
Bond Reserve	\$ 75,501	\$ 295,074	\$ 340,388	\$ 590,691	\$ 908,554	
Replacement & Ext. Reserve	523,860	599,260	827,000	875,000	708,050	
Total Water Utility Fund	\$ 599,361	\$ 894,334	\$ 967,388	\$ 1,265,691	\$ 1,616,574	
Sewer Utility Fund:						
Required Contributions:						
Bond Reserve	\$ 75,501	\$ 295,074	\$ 340,388	\$ 590,691	\$ 908,554	
Replacement & Ext. Reserve	118,200	151,400	194,880	175,800	187,400	
Total Sewer Utility Fund	\$ 193,701	\$ 446,474	\$ 505,268	\$ 766,491	\$ 1,095,954	
Total Other Liabilities	\$ 1,144,062	\$ 1,660,607	\$ 1,822,455	\$ 2,382,182	\$ 3,062,527	
Subtotal Debt Service	\$ 33,485,827	\$ 37,328,894	\$ 45,808,794	\$ 47,469,879	\$ 53,076,721	
<b>SPECIAL ASSESSMENTS</b>						
Existing Districts	\$ 3,208,807	\$ 4,458,188	\$ 4,185,014	\$ 3,931,119	\$ 2,999,267	01/01/99
New Districts		3,027,500	4,045,750	4,221,500	4,397,250	01/01/05
Total Special Assessment Fund:	\$ 3,208,807	\$ 7,485,686	\$ 8,210,764	\$ 8,152,619	\$ 7,396,517	
Total Debt Service	\$ 36,705,634	\$ 44,814,580	\$ 54,019,558	\$ 55,616,598	\$ 60,470,238	
Less Sinking Fund Debt	187,250	187,250	3,687,250	3,687,250	3,687,250	
Total Debt Service less Sinking Fund Debt	\$ 36,518,384	\$ 44,627,330	\$ 50,332,308	\$ 51,929,348	\$ 56,782,988	

City of Scottsdale  
 Schedule of Long-Term Debt  
 As of 6-30-90 through 6-30-95

	Balance at 6-30-90	Balance at 6-30-91	Balance at 6-30-92	Balance at 6-30-93	Balance at 6-30-94	Balance at 6-30-95	Final Payment Date
<b>General Obligation Bonds</b>							
1968 Civic Center	1,325,000	1,125,000	925,000	725,000	500,000	250,000	06/30/96
1973 Storm Sewer	3,500,000	3,500,000	3,500,000				06/30/93
1976 Storm Sewer	7,200,000	5,760,000	4,320,000	2,880,000	1,440,000		06/30/89
1984 Public Buildings	2,500,000	2,000,000	1,500,000	1,000,000	500,000		06/30/95
1984 Parks & Recreation	300,000	240,000	180,000	120,000	60,000		06/30/95
1984 Storm Sewer	2,637,000	2,542,500	2,440,500	2,328,000	2,206,500	2,076,000	06/30/05
1985 Public Buildings	3,428,100	3,305,250	3,172,650	3,026,400	2,868,450	2,698,800	06/30/05
1985 Parks & Recreation	2,724,900	2,627,250	2,521,850	2,405,600	2,280,050	2,145,200	06/30/05
1985 Storm Sewer	36,775,000	36,190,000	35,500,000	34,700,000	33,785,000	32,740,000	06/30/06
1986 Water Acquisition	28,785,000	28,785,000	28,785,000	28,785,000	28,785,000	28,785,000	06/30/10
1989 Series A							
Subtotal	89,175,000	86,075,000	82,845,000	75,970,000	72,425,000	68,695,000	
New GO Bonds	38,797,000	38,797,000	95,765,000	134,495,000	156,503,000	167,036,000	06/30/14
<b>Total GO Bonds</b>	<b>89,175,000</b>	<b>124,872,000</b>	<b>178,610,000</b>	<b>210,465,000</b>	<b>228,928,000</b>	<b>235,731,000</b>	
<b>Revenue Bonds</b>							
1973 Utility Refunding	1,430,000	1,170,000	895,000	595,000	285,000		06/30/95
1977 Utility Revenue Series C	1,100,000	550,000					06/30/92
1984 Utility Revenue	8,400,000	8,400,000	8,350,000	7,725,000	7,025,000	6,225,000	06/30/00
1989 Utility Series A	7,500,000	7,290,000	7,070,000	6,835,000	6,585,000	6,320,000	06/30/09
1984 HURF Series A	1,825,000	1,425,000	1,000,000	525,000			06/30/93
1985 HURF Series B	2,370,000	2,055,000	1,710,000	1,330,000	920,000	480,000	06/30/96
1987 HURF Series C	9,690,000	9,635,000	9,560,000	9,500,000	9,435,000	9,365,000	06/30/07
1989 HURF Refunding	15,900,000	15,845,000	15,690,000	15,525,000	15,350,000	14,590,000	06/30/05
Subtotal	48,215,000	46,370,000	44,275,000	42,035,000	39,600,000	36,980,000	
New Revenue Bonds	15,012,000	15,012,000	25,773,000	56,887,000	79,780,000	77,300,000	06/30/13
<b>Total Revenue Bonds</b>	<b>48,215,000</b>	<b>61,382,000</b>	<b>70,048,000</b>	<b>98,922,000</b>	<b>119,380,000</b>	<b>114,280,000</b>	
<b>MPC Bonds</b>							
Asset Transfer	45,715,000	45,015,000	44,270,000	43,475,000	42,630,000	41,725,000	11/01/14
Golf Course	11,345,000	10,930,000	10,480,000	9,990,000	9,455,000	8,870,000	06/30/04
Arts Building, Parking Garage	4,000,000	3,535,000	3,045,000	2,530,000	1,990,000	1,420,000	06/30/96
Street Improvements	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000	06/30/01
Underpass, Library, Police, Horseworld	37,815,000	36,205,000	34,500,000	32,695,000	30,775,000	28,740,000	06/30/05
Subtotal	101,975,000	98,785,000	95,395,000	91,790,000	87,950,000	83,855,000	
New MPC Bonds	7,170,000	7,010,000	6,835,000	6,650,000	6,450,000	6,450,000	06/30/10
<b>Total MPC Bonds</b>	<b>101,975,000</b>	<b>105,955,000</b>	<b>102,405,000</b>	<b>98,625,000</b>	<b>94,600,000</b>	<b>90,305,000</b>	

City of Scottsdale  
 Schedule of Long-Term Debt  
 As of 6-30-90 through 6-30-95

	Balance at 6-30-90	Balance at 6-30-91	Balance at 6-30-92	Balance at 6-30-93	Balance at 6-30-94	Balance at 6-30-95	Final Payment Date
<b>Contracts Payable</b>							
Computer Aided Dispatch	315,391						05/30/91
Computer Phase I							03/20/89
Computer Phase II							08/31/89
Computer Phase III	118,426						10/28/90
Computer Phase IVA (Update)	74,601	25,713					12/23/91
Computer Phase IVB	1,827,983	942,697					04/30/92
Library Computer							04/01/90
Planet Ranch	750,000		304,018	292,782	280,370	266,758	01/05/91
Pepperwood	323,399						02/01/06
Scottsdale Plumbing	76,743						01/15/91
Teleboom Fire Truck							03/01/89
Telephone Phase I	33,959						02/01/89
Telephone Phase II	167,969	57,897					09/19/90
Telephone Phase III	4,479,273	4,457,486	4,434,585	4,410,513	4,385,211	4,358,616	12/23/91
U.S. Corps of Engineers - IBW Plan 6	1,748,544	1,168,200	687,987	283,051			2040
State Land - CAP Treatment Plant	425,797						06/30/94
State Land - Sewer Reclamation Plant	191,300						12/20/90
Allison Well	50,000						12/20/90
Ladder Truck	308,623	239,461	165,223	85,536			03/14/91
<b>Total Contracts</b>	<b>10,892,008</b>	<b>7,205,644</b>	<b>5,591,813</b>	<b>5,071,882</b>	<b>4,665,581</b>	<b>4,625,374</b>	
<b>Special Assessment Bonds</b>							
<b>Existing Districts</b>							
Subtotal Existing Bonds New Districts	22,544,000	20,585,000	17,558,000	14,594,000	11,637,000	9,360,000	01/01/99
	22,544,000	20,585,000	17,558,000	14,594,000	11,637,000	9,360,000	
		22,600,000	22,920,000	23,040,000	22,960,000	22,480,000	01/01/05
<b>Total Spec. Assmt. Bonds</b>	<b>22,544,000</b>	<b>43,185,000</b>	<b>40,478,000</b>	<b>37,634,000</b>	<b>34,597,000</b>	<b>31,840,000</b>	
<b>Subtotal Existing Debt</b>							
Subtotal New Bonds	272,801,008	259,020,644	174,393,813	229,460,882	216,277,581	203,515,374	
	83,579,000	222,739,000	221,257,000	265,893,000	273,266,000		
<b>TOTAL LONG-TERM DEBT</b>	<b>272,801,008</b>	<b>342,599,644</b>	<b>397,132,813</b>	<b>450,717,882</b>	<b>482,170,581</b>	<b>476,781,374</b>	

CITY OF SCOTTSDALE  
 CAPITAL PROJECTS FUND SUMMARY  
 FISCAL YEAR 1990-91

	Water/ Wastewater Fund	All Other Funds	Total
BEGINNING BALANCE	\$ 2,103,600	\$ 5,375,000	\$ 7,478,600
REVENUES			
Reimbursements	1,754,000		1,754,000
Transfer in from Water/Wastewater Fund	5,520,700		5,520,700
Transfer in from Trust Fund		690,100	690,100
CIP Rebudgets	23,253,000	26,747,000	50,000,000
New Bonds			
General Obligation Revenue	15,012,000	38,797,000	53,809,000
Municipal Properties Corporation		6,400,000	6,400,000
0.2% Privilege Tax		5,500,000	5,500,000
Bond Interest Earnings	980,000	3,360,000	4,340,000
Advancement		5,132,200	5,132,200
TOTAL REVENUES	\$ 46,519,700	\$ 86,626,300	\$ 133,146,000
EXPENDITURES			
Transportation		\$ 25,728,500	\$ 25,728,500
Drainage/Flood Control		8,859,300	8,859,300
Water/Wastewater	24,025,600		24,025,600
Community Facilities	90,000	17,211,000	17,301,000
Service Facilities		410,000	410,000
Public Safety		4,110,200	4,100,200
TOTAL PROJECT EXPENDITURES	\$ 24,116,500	\$ 56,309,000	\$ 80,425,500
Issuance Cost and Reserve Requirements	73,800	963,200	1,037,000
CIP Rebudgets	23,253,000	26,747,000	50,000,000
CIP Contingency	1,180,000	4,602,500	5,782,500
TOTAL EXPENDITURES	\$ 48,623,300	\$ 88,621,700	\$ 137,245,000
ENDING BALANCE	\$ 0	\$ 3,379,600	\$ 3,379,600

Transportation

## TRANSPORTATION COST SUMMARY

### PROGRAM SUMMARY

	(In Thousands of Dollars)					Total
	1990-91	1991-92	1992-93	1993-94	1994-95	Total
Streets	\$19,194.1	\$32,234.4	\$22,228.0	\$14,264.4	\$16,755.2	\$104,676.1
Spot Streets	5,074.1	3,833.5	3,183.0	2,298.7	4,597.8	18,987.1
Traffic Bottlenecks	1,276.0	1,340.5	238.0		2,941.5	5,796.0
Traffic Signals	180.3	289.4	306.8	926.6	300.0	2,003.1
Airport		61.1				61.1
Transit	4.0	20.6	21.7	22.8	17.0	86.1
<b>Total</b>	<b>\$25,728.5</b>	<b>\$37,779.5</b>	<b>\$25,977.5</b>	<b>\$17,512.5</b>	<b>\$24,611.5</b>	<b>\$131,609.5</b>

### FISCAL SUMMARY

	(In Thousands of Dollars)					Total
	1990-91	1991-92	1992-93	1993-94	1994-95	Total
<b>FUNDING SOURCES</b>						
Current Revenues		61.1				61.1
6% General Obligation Bonds	\$20,114.8	\$30,067.0	\$17,433.1	\$7,559.0	\$6,705.9	81,879.8
.2% Privilege Tax	5,500.0	6,600.0	7,800.0	9,100.0	9,700.0	38,700.0
Trusts	109.7	115.8	122.7	130.7	121.5	600.4
Bond Interest Earnings	4.0	20.6	21.7	22.8	17.0	86.1
Unfunded		915.0	600.0	700.0	8,067.1	10,282.1
<b>Total</b>	<b>\$25,728.5</b>	<b>\$37,779.5</b>	<b>\$25,977.5</b>	<b>\$17,512.5</b>	<b>\$24,611.5</b>	<b>\$131,609.5</b>

### OPERATING IMPACT

Expense  
Revenue

# PROJECT LISTING

## STREETS

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
12	Cactus Road						
13	Pima Road to Frank Lloyd Wright Boulevard	\$	\$	\$	\$	\$	\$
13	Cactus Road	356.6	468.9			180.0	180.0
14	60th Street to Scottsdale Road						825.5
14	Camelback Road						
15	68th Street to Scottsdale Road	87.8	6,366.8	1,098.2			7,552.8
15	Carefree Highway						
16	Westland Feasibility Study					60.0	60.0
16	Cholla Street						
17	90th Street to 104th Street				1,700.0		1,700.0
17	East Couplet - City Participation						
18	Camelback Road to Indian School Road	2,975.7					2,975.7
18	East Couplet						
19	Earli Drive to Second Street		335.7	3,313.0	2,953.4		6,602.1
19	East/West Corridor Feasibility Study	82.3					82.3
20	Frank Lloyd Wright Boulevard						
21	Streetscape Retrofit	376.2					376.2
21	Frank Lloyd Wright Boulevard						
22	Sweetwater to Altadena	279.8	2,772.5				3,052.3
22	Frank Lloyd Wright Boulevard						
23	Thunderbird Road Intersection	2,249.4					2,249.4
23	Greenway/Hayden Loop						
24	Canal Crossing	362.1	4,595.7				4,957.8
24	Hayden Road						
25	Indian School Road Intersection				154.2	1,467.1	1,621.3
26	Improvement District Incidentals	109.7	115.8	122.7	130.7	121.5	600.4
26	Indian Bend Road						
27	Hayden Road to Pima Road	1,856.5					1,856.5
27	Indian Bend Road						
28	Scottsdale Road to Hayden Road					194.5	194.5
28	Indian School Road						
29	West Couplet to Hayden Road		422.5	2,058.2			5,531.6
29	McDowell Road						
30	Granite Reef Road to Pima Road	587.0	1,522.2				2,109.3
31	North/South Corridor Improvements					600.0	600.0
31	Outer Loop Frontage Roads						
32	Frank Lloyd Wright Boulevard to Pima Road					121.5	121.5
32	Pima Road						
33	Outer Loop Alignment		2,315.2				2,315.2
33	Pima Road						
34	Shea Boulevard to Frank Lloyd Wright Blvd.	1,321.2					1,321.2
34	Scottsdale Road						
	Indian Bend to Gold Dust		358.9	3,681.1	3,450.0		7,490.0



# PROJECT LISTING

## STREETS

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
	(Continued)						
35	Scottsdale Road				290.8	2,187.9	2,478.7
	McDonald to Indian Bend						
36	Scottsdale Road		191.0	3,356.0			3,547.0
	Mercer to Sutton	1,261.8	1,458.6				2,720.4
37	Scottsdale Road - Shea Boulevard Loop						
38	Scottsdale Road					6,685.0	6,685.0
	Thunderbird Road to Outer Loop Alignment	493.8	520.9	552.2			1,566.9
39	Shea Boulevard Interchanges						
40	Shea Boulevard						
	124th Street to 144th Street	641.9	3,160.2	5,564.7	5,227.2		14,594.0
41	Thomas Road						
	60th Street to 71st Street Corridor Study					275.0	275.0
42	West Couplet						
	Indian School Road to Camelback Road	4,718.2	2,303.6				7,021.8
43	West Couplet						
	Indian School Road to Osborn Road	488.3	4,051.6	4,540.1			9,080.0
44	90th Street Area Study						105.0
45	94th Street						
	Cactus to Sweetwater	945.8	854.3				1,800.1
46	94th Street						
	Thompson Peak Bridge		315.0				315.0
47	96th Street						
	Shea Boulevard to Larkspur					111.8	111.8
	TOTAL STREETS	\$19,194.1	\$32,234.4	\$22,228.0	\$14,264.4	\$16,755.2	\$104,676.2

# PROJECT LISTING

## SPOT STREETS

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
48	Altadena - West of						
	Frank Lloyd Wright Boulevard	\$ 9.9	\$ 96.1	\$ 83.4	\$	\$	\$ 189.4
49	Butherford Drive West of Northsight	143.7	77.6				221.3
50	Cactus Road						
	78th Street to 82nd Street	129.5	466.5				596.0
51	Chaparral Road						
	Granite Reef Road to Pima Road	1,042.4					1,042.4
52	Desert Cove Avenue						
	96th Street to 104th Street		81.0	903.1			984.1
53	Granite Reef Road North of Thomas Road	107.5					107.5
54	Marshall Way						
	Indian School Improvements		562.6	520.3			1,082.9
55	McDowell Road						
	Miller Road to Scottsdale Road	778.0					778.0
56	McKellips and Hayden Roads	16.5	355.4	201.2			573.1
57	Mountain View Road						
	108th Street to 110th Street	299.5	413.3			685.0	712.8
58	Palo Verde at Miller Road						
59	Pima Road						
	Frank Lloyd Wright Blvd to Bell Road	25.0	326.0				351.0
60	Scottsdale Road and						
	Frank Lloyd Wright Boulevard	706.6	186.4				893.0
61	Second Street						
	70th Street to Scottsdale Road				588.1	1,318.8	1,318.8
62	Sweetwater Equestrian Overpass						
63	Thomas Road						
	Hayden Road to Pima Road	329.2	481.6				810.8
64	Thunderbird Road						
	Pima Road to 90th Street	289.7	99.6				389.3
65	73rd Street North of Thomas		28.9	477.3	284.9		791.1
66	84th Street and Cholla Street			501.9	1,425.7		1,927.6
67	90th Street						
	Cactus Road to Larkspur	757.1	431.7				1,188.8
68	92nd Street North of Shea Boulevard	115.9					115.9
69	92nd Street North of Sweetwater	278.7	185.1				463.8
70	94th Street						
	Windrose to Pershing Drive					1,120.0	1,120.0
71	100th Street North of Cactus	45.0	41.7	495.7			582.4
72	104th Street						
	Shea Boulevard to Sweetwater					1,474.0	1,474.0
	<b>TOTAL SPOT STREETS</b>	<b>\$ 5,074.1</b>	<b>\$ 3,833.5</b>	<b>\$ 3,183.0</b>	<b>\$ 2,298.7</b>	<b>\$ 4,597.8</b>	<b>\$ 18,987.1</b>

# PROJECT LISTING

## TRAFFIC BOTTLENECKS

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
73	Traffic Bottlenecks	\$ 1,276.0	\$ 1,340.5	\$ 238.0	\$	\$ 2,941.5	\$ 5,796.0

### TRAFFIC SIGNALS

74	Signal Computer Expansion	\$ 180.3	\$ 289.4	\$ 306.8	\$ 599.9	\$ 300.0	\$ 599.9
75	Traffic Signal Program				326.7		1,403.2
	<b>TOTAL TRAFFIC SIGNALS</b>	\$ 180.3	\$ 289.4	\$ 306.8	\$ 926.6	\$ 300.0	\$ 2,003.1

### AIRPORT

76	Complete Alpha Taxiway - Grant Matching Funds	\$	\$ 61.1	\$	\$	\$	\$ 61.1
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### TRANSIT

77	Bus Benches/Shelters	\$ 4.0	\$ 20.6	\$ 21.7	\$ 22.8	\$ 17.0	\$ 86.1
	<b>TOTAL TRANSPORTATION</b>	\$25,728.5	\$37,779.5	\$25,977.5	\$17,512.5	\$24,611.5	\$131,609.5

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Streets

TITLE: Cactus Road - Pima Road to Frank Lloyd Wright Boulevard

DESCRIPTION: Design improvements to Cactus Road to its major collector General Plan standard, including two lanes in each direction with a center left turn lane and sidewalk, curb, and gutter.

NEED: Required to accommodate projected traffic and pedestrian volumes. Right-of-way acquisition and construction will occur in future years at an estimated current dollar cost of \$4,695,000.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction					180.0	180.0
Other						
Total	\$	\$	\$	\$	\$ 180.0	\$ 180.0
<u>FUNDING SOURCES</u>						
Unfunded	\$	\$	\$	\$	\$ 180.0	\$ 180.0
<u>OPERATING IMPACT</u>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Cactus Road - 60th Street to Scottsdale Road

DESCRIPTION: Widen Cactus Road between 60th Street and Scottsdale Road to the ultimate cross-section of 60' on 90' right-of-way. The widening would occur on both sides of Cactus Road and include curb, gutter and sidewalk.

NEED: Traffic operations would be improved as well as aesthetics. Federal grant monies of \$1.8 million will contribute to the construction of this project in 1991-92.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$ 356.6	\$	\$	\$	\$	\$ 356.6
Design	224.4					224.4
Construction		468.9				468.9
Other						
<b>Total</b>	<b>\$ 224.4</b>	<b>\$ 356.6</b>	<b>\$ 468.9</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,049.9</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$ 224.4	\$ 356.6	\$ 468.9	\$	\$	\$ 1,049.9
<b>OPERATING IMPACT</b>						
Expense						
Revenue						



## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE:

Carefree Highway/Westland Feasibility Study

DESCRIPTION:

Conduct a location study to determine location of a roadway which would link Carefree Highway to Westland.

NEED:

This roadway connection would provide a continuous east/west route from north Phoenix to Pima Road.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other (Study)						60.0	60.0
<b>Total</b>	\$	\$	\$	\$	\$	\$	\$ 60.0
<b>FUNDING SOURCES</b>							
Unfunded	\$	\$	\$	\$	\$	\$	\$ 60.0

**OPERATING IMPACT**

Expense

Revenue

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Streets

TITLE: Cholla Street - 90th Street to 104th Street

DESCRIPTION: Improve Cholla Street to the General Plan standard minor collector by widening several pavement sections and constructing curb, gutter, and sidewalk.

NEED: The improved minor collector roadway will better accommodate the increasing traffic volumes along Cholla Street. The fully improved and continuous sidewalk will provide a safe pedestrian facility.

## FISCAL SUMMARY

(In Thousands of Dollars)

<u>PROJECT COSTS</u>	<u>PRIOR YEARS</u>	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	575.0
Design							150.0
Construction							975.0
Other							
<b>Total</b>	\$	\$	\$	\$	\$	\$	1,700.0
<u>FUNDING SOURCES</u>							
Unfunded	\$	\$	\$	\$	\$	\$	1,700.0
<u>OPERATING IMPACT</u>							
Expense							
Revenue							



## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: East Couplet - Camelback Road to Indian School Road - City Participation

DESCRIPTION: Construct the East Couplet from Indian School to Camelback Road. Construct three lanes northbound and two lanes southbound with a raised, landscaped median, curb, gutter, and sidewalks on both sides of the street.

NEED: The East Couplet is an integral part of the Downtown Plan and will relieve congestion on Scottsdale Road. It provides an alternative route for through traffic.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$ 2,105.7	\$	\$	\$	\$	\$ 2,105.7
Design	285.3					285.3
Construction		2,975.7				2,975.7
Other						
Total	\$ 2,391.0	\$ 2,975.7	\$	\$	\$	\$ 5,366.7
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$ 2,391.0	\$ 2,975.7	\$	\$	\$	\$ 5,366.7

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: East Couplet - Earl I Drive to Second Street

DESCRIPTION: Construct the ultimate cross-section of the couplet consisting of three northbound lanes and two southbound lanes.

NEED: This project will complete a section of the Couplet which will relieve traffic congestion in the downtown area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$ 3,313.0	\$	\$	\$ 3,313.0
Design		335.7				335.7
Construction				2,953.4		2,953.4
Other						
<b>Total</b>	<b>\$</b>	<b>\$ 335.7</b>	<b>\$ 3,313.0</b>	<b>\$ 2,953.4</b>	<b>\$</b>	<b>\$ 6,602.1</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$	\$ 335.7	\$ 3,313.0	\$ 2,953.4	\$	\$ 6,602.1
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: East/West Corridor Feasibility Study

DESCRIPTION: Connect a corridor study to investigate the feasibility and impacts of an added east/west link between Sweetwater Road and Frank Lloyd Wright Boulevard from Scottsdale Road to Pima Road.

NEED: Ultimately, the added roadway will provide a direct east/west corridor through the developing airport area. Currently, a major road does not exist within the three-mile corridor between Cactus and Frank Lloyd Wright Boulevard.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction					
Other (Study)	82.3				82.3
<b>Total</b>	<b>\$ 82.3</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 82.3</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$ 82.3	\$	\$	\$	\$ 82.3

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Frank Lloyd Wright Boulevard Streetscape Retrofit

DESCRIPTION: Retrofit existing Frank Lloyd Wright Boulevard improvements between Scottsdale and Pima Roads to a design character consistent with the Frank Lloyd Wright Boulevard streetscape design guidelines, including landscaping, pavement treatments, street name signs, development walls, sidewalks, streetlights, bridges, and other engineered structures.

NEED: These special streetscape design standards will allow the community to buffer the eyesore created by the CAP Canal, while at the same time paying tribute to Taliesin West, the former home of Frank Lloyd Wright, and one of Scottsdale's most popular tourist attractions.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other		376.2					376.2
<b>Total</b>	<b>\$</b>	<b>\$ 376.2</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 376.2</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	\$ 376.2	\$	\$	\$	\$	\$ 376.2

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE:

Frank Lloyd Wright Boulevard - Sweetwater to Altadena

DESCRIPTION:

Construct Frank Lloyd Wright Boulevard to its planned cross section of 68' on 110' right-of-way, including curb, gutter and sidewalk on both sides of the street and a raised median.

NEED:

This project, in addition to Frank Lloyd Wright Boulevard/Thunderbird Road intersection, would complete the last remaining portions of Frank Lloyd Wright Boulevard thereby significantly improving traffic operations in the area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95
Land/ROW Acq	\$	\$	\$	\$	\$
Design	279.8				279.8
Construction		2,772.5			2,772.5
Other					
<b>Total</b>	<b>\$ 279.8</b>	<b>\$ 2,772.5</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,052.3</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$ 279.8	\$ 2,772.5	\$	\$	\$ 3,052.3

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

**TITLE:** Frank Lloyd Wright Boulevard - Thunderbird Road Intersection

**DESCRIPTION:** Construct Frank Lloyd Wright Boulevard and the east end of Thunderbird Road which intersects with Frank Lloyd Wright Boulevard.

**NEED:** This project includes a major intersection in the City street system and will complete the remaining portions of Frank Lloyd Wright Boulevard.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 1,097.3	\$	\$	\$	\$	\$ 1,097.3
Design		71.3					71.3
Construction		1,080.8					1,080.8
Other							
<b>Total</b>	\$	\$ 2,249.4	\$	\$	\$	\$	\$ 2,249.4
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	\$ 2,249.4	\$	\$	\$	\$	\$ 2,249.4
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

**TITLE:** Greenway Road/Hayden Road Loop - Canal Crossing

**DESCRIPTION:** Provide a bridge crossing of the CAP canal on Hayden Road immediately north of Frank Lloyd Wright Boulevard, as shown on the General Plan.

**NEED:** The crossing will allow for an additional major north/south roadway. It will improve access to the developing airport area and the Princess area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design		362.1					362.1
Construction			4,595.7				4,595.7
Other							
<b>Total</b>	\$	\$ 362.1	\$ 4,595.7	\$	\$	\$	\$ 4,957.8
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	\$ 362.1	\$ 4,595.7	\$	\$	\$	\$ 4,957.8

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

**TITLE:** Hayden Road and Indian School Road Intersection

**DESCRIPTION:** Widen Hayden Road between Virginia and Indian School Road on both sides of the street to 88' cross-section on 130' right-of-way with raised median and exclusive right turn lanes at the intersection.

**NEED:** The project will improve the level of service at the intersection during peak hours and may reduce the number of accidents.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	108.2
Design				154.2	154.2
Construction					1,358.9
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,621.3</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$	\$	\$	\$	\$ 1,467.1
<b>OPERATING IMPACT</b>					
Expense					
Revenue					



## PROJECT SUMMARY

**CATEGORY:** Transportation **PROGRAM:** Streets

**TITLE:** Improvement District Incidentals

**DESCRIPTION:** Incidental fund to enable preliminary studies to be carried out.

**NEED:** Funds required to ensure that the improvement district process is on-going and proactive. Funds required to fund initial studies into possible improvement districts.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	104.5	\$	\$	\$	\$	\$
Design	\$	109.7	115.8	122.7	130.7	121.5	704.9
Construction							
Other							
<b>Total</b>	\$	104.5	\$ 109.7	\$ 115.8	\$ 122.7	\$ 130.7	\$ 121.5
<b>FUNDING SOURCES</b>							
I.D. Incidental Trust	\$	104.5	\$ 109.7	\$ 115.8	\$ 122.7	\$ 130.7	\$ 121.5

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Streets

TITLE: Indian Bend Road - Hayden Road to Pima Road

DESCRIPTION: Widen Indian Bend Road to the planned cross-section of 68' on 110' right-of-way including new pavement, curb, gutter and sidewalk and construction of a raised median.

NEED: This will improve traffic operations and safety in the area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design	183.0						183.0
Construction		1,856.5					1,856.5
Other							
<b>Total</b>	\$	\$ 1,856.5	\$	\$	\$	\$	\$ 2,039.5
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/ .2% Privilege Tax	\$	183.0	\$ 1,856.5	\$	\$	\$	\$ 2,039.5

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Indian Bend Road - Scottsdale Road to Hayden Road

DESCRIPTION: Design the improvement of Indian Bend Road to its General Plan minor arterial standard by adding travel lanes, raised center median, sidewalk, curb, gutter, and a bridge.

NEED: Indian Bend Road is a planned interchange to the Pima Freeway. This widening will improve access to the freeway. The results of the Indian Bend/Lincoln Feasibility Study currently approved in the 1989-90 FY budget may impact this project. Right-of-way acquisition and construction will occur in future years at an estimated current dollar cost of \$6.6 million.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design					194.5	194.5
Construction						
Other						
Total	\$	\$	\$	\$	\$ 194.5	\$ 194.5
<b>FUNDING SOURCES</b>						
Unfunded	\$	\$	\$	\$	\$ 194.5	\$ 194.5
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Indian School Road - West Couplet to Hayden, Road

DESCRIPTION: Widen Indian School Road from existing major collector to major arterial cross-section including curb, gutter, and sidewalks on both sides of the street, signal upgrades at Scottsdale Road, 74th Street, Miller Road and Hayden Road and a raised center median.

NEED: The project will increase the traffic volume capacity on the segment of Indian School Road. It will also reduce traffic congestion.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$ 2,058.2	\$	\$ 2,058.2
Design			422.5				422.5
Construction						3,050.9	3,050.9
Other							
<b>Total</b>	\$	\$	\$ 422.5	\$	\$ 2,058.2	\$	\$ 5,531.6
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	\$	\$ 422.5	\$	\$ 2,058.2	\$ 3,050.9	\$ 5,531.6
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: McDowell Road - Granite Reef Road to Pima Road

DESCRIPTION: Widening of McDowell Road to six lanes including new curb, gutter, and sidewalk and a total reconstruction of the existing McDowell Road pavement in most areas.

NEED: Improves traffic operations and safety. Design is already completed. Further prepares Scottsdale's street system for the Outer Loop.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$ 417.0	\$	\$	\$	\$ 417.0
Design	170.0				170.0
Construction		1,522.2			1,522.2
Other					
<b>Total</b>	<b>\$ 587.0</b>	<b>\$ 1,522.2</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,109.2</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$ 587.0	\$ 1,522.2	\$	\$	\$ 2,109.2
<b>OPERATING IMPACT</b>					
Expense					
Revenue					

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: North/South Corridor Improvements

DESCRIPTION: Acquire right-of-way needed for roadway improvements as identified in the North/South Feasibility Study.

NEED: Provide for improvements recommended in the North/South Feasibility Study currently underway. The estimate will be revised in future years based on the results of the study.

## FISCAL SUMMARY (In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$ 600.0
Design							
Construction							
Other							
Total	\$	\$	\$	\$	\$	\$	\$ 600.0
<b>FUNDING SOURCES</b>							
Unfunded	\$	\$	\$	\$	\$	\$	\$ 600.0

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Outer Loop Frontage Roads - Frank Lloyd Wright Boulevard to Pima Road

DESCRIPTION: Study the frontage roads to be constructed in coordination with ADOT's construction of the Outer Loop Freeway.

NEED: The northbound and southbound one-way frontage roads will provide freeway access from the adjacent areas. Right-of-way acquisition and construction will occur in future years at an estimated current dollar cost of \$1,425,000.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction					121.5
Other					
Total	\$	\$	\$	\$	\$ 121.5
<u>FUNDING SOURCES</u>					
Unfunded	\$	\$	\$	\$	\$ 121.5
<u>OPERATING IMPACT</u>					
Expense					
Revenue					

## PROJECT SUMMARY

CATEGORY: Transportation      PROGRAM: Streets

TITLE: Pima Road/Outer Loop Alignment

DESCRIPTION: Construct an interim four lane roadway along the Outer Loop alignment from Frank Lloyd Wright Boulevard north west to Scottsdale Road.

NEED: This project will provide access to a developing area of Scottsdale. Portion of the interim facility could be utilized for the ultimate Outer Loop Freeway.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design		231.5			231.5
Construction		2,083.7			2,083.7
Other					
<b>Total</b>	<b>\$</b>	<b>\$ 2,315.2</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,315.2</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$	\$ 2,315.2	\$	\$	\$ 2,315.2
<b>OPERATING IMPACT</b>					
Expense					
Revenue					



## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Pima Road - Shea Boulevard to Frank Lloyd Wright Boulevard

DESCRIPTION: Construct, where needed, two northbound lanes, two southbound lanes, and a continuous left turn lane as an interim facility to the Outer Loop Freeway.

NEED: The project will increase the roadway capacity on the segment of Pima Road.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$ 800.0	\$	\$	\$	\$	\$ 800.0
Design	230.0					230.0
Construction						1,321.2
Other						
<b>Total</b>	<b>\$ 1,030.0</b>	<b>\$ 1,321.2</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,351.2</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$ 1,030.0	\$ 1,321.2	\$	\$	\$	\$ 2,351.2

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Streets

**TITLE:** Scottsdale Road - Indian Bend to Gold Dust

**DESCRIPTION:** Widening of majority of the west side of Scottsdale Road between Indian Bend and Gold Dust Roads to provide three lanes southbound, including curb, gutter, sidewalk, and a landscaped median. Sixty-nine KV power lines must be relocated.

**NEED:** This project will increase the traffic volume capacity on this segment of Scottsdale Road and reduce congestion.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$ 3,681.1	\$	\$	\$ 3,681.1
Design		358.9				358.9
Construction			3,450.0			3,450.0
Other						
<b>Total</b>	<b>\$</b>	<b>\$ 358.9</b>	<b>\$ 3,681.1</b>	<b>\$ 3,450.0</b>	<b>\$</b>	<b>\$ 7,490.0</b>

**FUNDING SOURCES**

1989 6% G.O. Bond/  
.2% Privilege Tax      \$      \$ 358.9      \$ 3,681.1      \$ 3,450.0      \$      \$ 7,490.0

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

**TITLE:** Scottsdale Road - McDonald Drive to Indian Bend

**DESCRIPTION:** Widen Scottsdale Road to the General Plan standard major arterial by adding a third southbound lane and sidewalk, curb, and gutter.

**NEED:** Traffic volume continues to increase on Scottsdale Road. This improvement will increase capacity and improve traffic flow to the Couplet.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$ 174.5	\$	\$ 174.5
Design				116.3		116.3
Construction					2,187.9	2,187.9
Other						
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 290.8</b>	<b>\$ 2,187.9</b>	<b>\$ 2,478.7</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$	\$	\$	\$ 290.8	\$ 2,187.9	\$ 2,478.7
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Transportation      PROGRAM: Streets

TITLE:      Scottsdale Road - Mercer to Sutton

DESCRIPTION:      Construct Scottsdale Road to six lanes including new curb, gutter and sidewalk, bike paths, drainage improvements and a landscaped median. Sixty-nine KV power lines need to be relocated at no cost to the City.

NEED:      This project will increase the traffic volume capacity on this segment of Scottsdale Road.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$ 392.6	\$	\$	\$ 392.6
Design		191.0				191.0
Construction			2,963.4			2,963.4
Other						
<b>Total</b>	<b>\$</b>	<b>\$ 191.0</b>	<b>\$ 3,356.0</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,547.0</b>

### FUNDING SOURCES

1989 6% G.O. Bond/  
.2% Privilege Tax

\$	\$ 191.0	\$ 3,356.0	\$	\$	\$ 3,547.0
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### OPERATING IMPACT

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Scottsdale Road - Shea Boulevard Loop

DESCRIPTION: Construct the loop road around the business area.

NEED: This project will complete the loop road around the business area. Presently, only the southeast loop road exists. The project will significantly ease congestion at the Scottsdale Road and Shea Boulevard intersection by providing alternatives for turning movements and by providing direct access to the developments in the immediate vicinity.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$ 1,261.8	\$	\$	\$	\$	\$ 1,261.8
Design	146.3					146.3
Construction		1,458.6				1,458.6
Other						
<b>Total</b>	<b>\$ 1,408.1</b>	<b>\$ 1,458.6</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,866.7</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$ 1,261.8	\$ 1,458.6	\$	\$	\$	\$ 2,866.7
<b>OPERATING IMPACT</b>						
Expense						
Revenue						



## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Shea Boulevard Interchanges

DESCRIPTION: Design of urban interchanges on Shea Boulevard at 92nd Street, Via Linda, and Frank Lloyd Wright Boulevard.

NEED: Provide for the design of urban interchanges at three locations on Shea Boulevard as adopted by the City Council in the Shea Boulevard Long Range Plan. Design of the interchanges prior to the need for construction will allow definition of the needed R.O.W. and development of R.O.W. acquisition plans.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95
Land/ROW Acq	\$	\$	\$	\$	\$
Design	493.8	520.9	552.2	552.2	1,566.9
Construction					
Other					
<b>Total</b>	<b>\$ 493.8</b>	<b>\$ 520.9</b>	<b>\$ 552.2</b>	<b>\$ 552.2</b>	<b>\$ 1,566.9</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$ 493.8	\$ 520.9	\$ 552.2	\$ 552.2	\$ 1,566.9
<b>OPERATING IMPACT</b>					
Expense					
Revenue					

## PROJECT SUMMARY

CATEGORY      Transportation

PROGRAM:      Streets

TITLE:            Shea Boulevard - 124th Street to 144th Street

DESCRIPTION:    Widen Shea Boulevard to the planned cross-section of 88' on 130' right-of-way with raised median, curb, gutter and sidewalk.

NEED:            This project would improve traffic operations on Shea Boulevard given the large traffic volumes projected.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$ 3,160.2	\$	\$	\$ 3,160.2
Design	641.9				641.9
Construction			5,564.7	5,227.2	10,791.9
Other					
<b>Total</b>	<b>\$ 641.9</b>	<b>\$ 3,160.2</b>	<b>\$ 5,564.7</b>	<b>\$ 5,227.2</b>	<b>\$ 14,594.0</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/ .2% Privilege Tax	\$ 641.9	\$ 3,160.2	\$ 5,564.7	\$ 5,227.2	\$ 14,594.0
<b>OPERATING IMPACT</b>					
Expense					
Revenue					



## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: Thomas Road - 60th Street to 71st Street Corridor Study

DESCRIPTION: Conduct a corridor analysis that would investigate the impacts, feasibility, and environmental aspects of improving Thomas Road to a major arterial standard including transit improvements such as bus bays. Analysis to include concept development, concept design, public participation, and final design contingent upon approval of the City Council.

NEED: The major arterial standard would provide additional traffic capacity on a currently overly congested roadway.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction					
Other (Study)					275.0
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 275.0</b>
<b>FUNDING SOURCES</b>					
Unfunded	\$	\$	\$	\$	\$ 275.0

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Streets

TITLE: West Couplet - Indian School Road to Camelback Road

DESCRIPTION: Construction of West Couplet. Provides three lanes southbound, two lanes northbound, curb and gutter, sidewalk, and bikepaths included in the Circulation Plan.

NEED: Improves traffic operations in the downtown area and increases public safety. Does not include the new canal crossing on 70th Street. Note: See 70th Street Sewer - Camelback to North of Arizona Canal Wastewater, and West Couplet - Indian School to Second Street Drainage.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 4,718.2	\$	\$	\$	\$	\$ 4,718.2
Design		210.0					210.0
Construction			2,303.6				2,303.6
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 4,718.2</b>	<b>\$ 2,303.6</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 7,231.8</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/	\$	210.0	\$ 4,718.2	\$ 2,303.6	\$	\$	\$ 7,231.8
.2% Privilege Tax							

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Streets

**TITLE:** West Couplet - Indian School Road to Osborn Road

**DESCRIPTION:** Construction of the Couplet with three lanes southbound, two lanes northbound with a raised, landscaped median, curb, gutter, sidewalk, signal upgrades at Indian School Road, and new signal at the West Couplet intersection with Scottsdale Road.

**NEED:** This project will complete a portion of the West Couplet which is unlikely to be constructed by developer participation. Circulation in the downtown area will be greatly improved with the completion of the Couplet system.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$ 4,051.6	\$	\$	\$	\$ 4,051.6
Design		488.3					488.3
Construction				4,540.1			4,540.1
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 488.3</b>	<b>\$ 4,051.6</b>	<b>\$ 4,540.1</b>	<b>\$</b>	<b>\$</b>	<b>\$ 9,080.0</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/ .2% Privilege Tax	\$	\$ 488.3	\$ 4,051.6	\$ 5,450.1	\$	\$	\$ 9,080.0
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Streets

TITLE: 90th Street Area Study

DESCRIPTION: Investigate and analyze the impacts of the Pima Freeway and the 90th Street interchange on the street system bounded by the Pima Freeway, 96th Street, Shea Boulevard, and Via Linda.

NEED: The location of the interchange will severely impact traffic volumes and movements in the area. The study will determine the impacts and the extent to which changes will be needed.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other (Study)			105.0				105.0
<b>Total</b>	\$	\$	\$ 105.0	\$	\$	\$	\$ 105.0
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/ .2% Privilege Tax	\$	\$	\$ 105.0	\$	\$	\$	\$ 105.0
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Streets

TITLE: 94th Street - Cactus to Sweetwater

DESCRIPTION: Construct 94th Street to minor arterial standards, four lanes with raised, landscaped median.

NEED: This project will link the already completed 94th Street segment south of Cactus to the 94th Street future improvements which will occur in the Pima Improvement District. It will provide improved access to a growing area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$ 877.8	\$	\$	\$	\$ 877.8
Design	68.0				68.0
Construction		854.3			854.3
Other					
Total	\$ 945.8	\$ 854.3	\$	\$	\$ 1,800.1
<u>FUNDING SOURCES</u>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$ 945.8	\$ 854.3	\$	\$	\$ 1,800.1
<u>OPERATING IMPACT</u>					
Expense					
Revenue					

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Streets

TITLE: 94th Street - Thompson Peak Bridge

DESCRIPTION: Design the 94th Street-Thompson Peak bridge over the CAP canal.

NEED: Provide improved access to the developing area north of the canal. This design must be approved by the Bureau of Reclamation, then by agreement, the bridge will be constructed by K-Lin Development within two years.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design			315.0				315.0
Construction							
Other							
<b>Total</b>	\$	\$	\$ 315.0	\$	\$	\$	\$ 315.0
<b><u>FUNDING SOURCES</u></b>							
Unfunded	\$	\$	\$ 315.0	\$	\$	\$	\$ 315.0
<b><u>OPERATING IMPACT</u></b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Streets

TITLE: 96th Street - Shea Boulevard to Larkspur

DESCRIPTION: Design the widening of 96th Street to its General Plan standard of a major collector including sidewalks, curb, gutter, and landscaping.

NEED: The area north of this street segment is developing rapidly. Completion of this widening will improve area access. Right-of-way acquisition and construction will occur in future years at an estimated current dollar cost of \$1,900,000.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	
Design							
Construction					111.8		111.8
Other							
<b>Total</b>	\$	\$	\$	\$	\$	111.8	111.8
<b>FUNDING SOURCES</b>							
Unfunded	\$	\$	\$	\$	\$	111.8	111.8
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

**CATEGORY:** Transportation **PROGRAM:** Spot Streets

**TITLE:** Altadena - West of Frank Lloyd Wright Boulevard

**DESCRIPTION:** Construct approximately a 670 foot section of north half street.

**NEED:** This project will complete the street cross-section from Frank Lloyd Wright Boulevard to Via Linda. Currently, this half street section of Altadena is the only portion that is complete.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$ 96.1	\$	\$	\$	\$ 96.1
Design		9.9					9.9
Construction				83.4			83.4
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 9.9</b>	<b>\$ 96.1</b>	<b>\$ 83.4</b>	<b>\$</b>	<b>\$</b>	<b>\$ 189.4</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/ .2% Privilege Tax	\$	\$ 9.9	\$ 96.1	\$ 83.4	\$	\$	\$ 189.4
<b>OPERATING IMPACT</b>							
Expense							
Revenue							



## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Spot Streets

**TITLE:** Butherus Drive - West of Northsight

**DESCRIPTION:** Construct approximately 400 feet of north half-street section.

**NEED:** The project will complete the street cross-section. It is located adjacent to the Price Club. Traffic volume in the area is increasing.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 137.2	\$	\$	\$	\$	\$ 137.2
Design		6.5					6.5
Construction			77.6				77.6
Other							
<b>Total</b>	\$	\$ 143.7	\$ 77.6	\$	\$	\$	\$ 221.3
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/ .2% Privilege Tax	\$	\$ 143.7	\$ 77.6	\$	\$	\$	\$ 221.3
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: Cactus Road - 78th Street to 82nd Street

DESCRIPTION: Completion of the north side of the road from Hayden Road to 82nd Street and the south half street from 78th Street to Hayden.

NEED: This project will complete the major collector cross-section of Cactus Road from Scottsdale Road to Pima Road. It will also improve traffic operations at the Cactus and Hayden intersection.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 129.5	\$	\$	\$	\$	\$ 129.5
Design	40.8						40.8
Construction			466.5				466.5
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 129.5</b>	<b>\$ 466.5</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 636.8</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	\$ 129.5	\$ 466.5	\$	\$	\$	\$ 636.8

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Transportation

**PROGRAM:** Spot Streets

**TITLE:** Chaparral Road - Granite Reef Road to Pima Road

**DESCRIPTION:** Reconfigure Chaparral Road to reduce the width of the center median. This project involves removing the center median and reconstructing Chaparral in its place. Frontage roads would be constructed to serve homes fronting Chaparral. A landscaped median would also be provided creating a buffer between the frontage roads and Chaparral.

**NEED:** This project provides an improved cross-section which will improve the intersection at Pima Road.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	94.0					94.0
Construction	1,042.4					1,042.4
Other						
<b>Total</b>	<b>\$ 94.0</b>	<b>\$ 1,042.4</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,136.4</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$ 94.0	\$ 1,042.4	\$	\$	\$	\$ 1,136.4

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation      PROGRAM: Spot Streets

TITLE: Desert Cove Avenue - 96th Street to 104th Street

DESCRIPTION: Construct the entire north half street of Desert Cove Avenue.

NEED: This project will complete the cross-section of the street to City standards.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95
Land/ROW Acq	\$	\$	\$	\$	\$
Design		81.0			81.0
Construction			903.1		903.1
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
			903.1		984.1
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$	\$	\$	\$	\$
			903.1		984.1
<b>OPERATING IMPACT</b>					
Expense					
Revenue					

## PROJECT SUMMARY

**CATEGORY:** Transportation

**PROGRAM:** Spot Streets

**TITLE:** Granite Reef Road North of Thomas Road

**DESCRIPTION:** Construct the west half-street of Granite Reef from Thomas Road to a point 300 feet north of Thomas Road.

**NEED:** The improvement will reduce the delay time at the intersection and relieve some of the southbound vehicle stacking.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design	108.7						108.7
Construction		107.5					107.5
Other							
<b>Total</b>	<b>\$</b>	<b>108.7</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	108.7	\$	\$	\$	\$	\$
<b>OPERATING IMPACT</b>							
Expense							
Revenue							216.2

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Spot Streets

**TITLE:** Marshall Way/Indian School Road Improvements

**DESCRIPTION:** Redesign and construct Marshall Way to align on north and south sides of Indian School Road. This will enable vehicular and pedestrian traffic to flow between the historic shopping districts.

**NEED:** The Fifth Avenue and Old Scottsdale historic retail shopping districts are now separated by Indian School Road. It is difficult for vehicular traffic, pedestrians, horse-drawn carriages, and trolleys to cross Indian School Road at this point. The Old Scottsdale/West Main and the Fifth Avenue/Marshall Way area Streetscape Master Plans both identify this project as a critical step towards achieving a viable connection.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design			562.6				562.6
Construction				520.3			520.3
Other							
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$ 562.6</b>	<b>\$ 520.3</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,082.9</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	\$	\$ 562.6	\$ 520.3	\$	\$	\$ 1,082.9
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: McDowell Road - Miller Road to Scottsdale Road

DESCRIPTION: Addition of one lane westbound to complete McDowell Road as a major arterial. Includes new curb, gutter and sidewalk on the north side and signal upgrades at Miller and Scottsdale Roads.

NEED: This project will complete the major arterial cross-section on McDowell Road from Scottsdale Road to Hayden Road. It will reduce westbound traffic congestion on McDowell Road.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design	53.3						53.3
Construction		778.0					778.0
Other							
<b>Total</b>	<b>\$</b>	<b>53.3</b>	<b>\$ 778.0</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 831.3</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	53.3	\$ 778.0	\$	\$	\$	\$ 831.3
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: McKellips and Hayden Roads

DESCRIPTION: Construct a raised center median for westbound left turn traffic, and construct exclusive right turn lanes for northbound and westbound traffic.

NEED: This project will reduce the traffic congestion at the intersection and on McKellips Road immediately east of the intersection.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95
Land/ROW Acq	\$	\$ 355.4	\$	\$	\$ 355.4
Design	16.5				16.5
Construction			201.2		201.2
Other					
<b>Total</b>	<b>\$ 16.5</b>	<b>\$ 355.4</b>	<b>\$ 201.2</b>	<b>\$</b>	<b>\$ 573.1</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$ 16.5	\$ 355.4	\$ 201.2	\$	\$ 573.1

**OPERATING IMPACT**

Expense  
Revenue



## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: Mountain View Road from 108th Street to 110th Street

DESCRIPTION: Construct a local residential street along the true Mountain View alignment between 108th Street and 110th Street.

NEED: This improvement will provide an access to a developing area. It will also provide a link between this area and the 110th Street median break on Shea Boulevard.

## FISCAL SUMMARY (In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$ 299.5	\$	\$	\$	\$ 299.5
Design	31.3				31.3
Construction		413.3			413.3
Other					
Total	\$ 31.3	\$ 299.5	\$ 413.3	\$	\$ 744.1
<u>FUNDING SOURCES</u>					
1989 6% G.O. Bond/ .2% Privilege Tax	\$ 31.3	\$ 299.5	\$ 413.3	\$	\$ 744.1
<u>OPERATING IMPACT</u>					
Expense					
Revenue					

## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Spot Streets

**TITLE:** Palo Verde at Miller Road

**DESCRIPTION:** Construct 300 feet of north half-street and 600 feet of south half-street including curb, gutter, and sidewalk.

**NEED:** This street was constructed when this area was part of Maricopa County. It is a very residential neighborhood and the street is inadequate for two directions of traffic.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$ 455.0
Design						18.0	18.0
Construction						212.0	212.0
Other							
<b>Total</b>	\$	\$	\$	\$	\$	\$	\$ 685.0
<b>FUNDING SOURCES</b>							
Unfunded	\$	\$	\$	\$	\$	\$	\$ 685.0

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Spot Streets

TITLE: Pima Road - Frank Lloyd Wright Boulevard to Bell Road

DESCRIPTION: Widen Pima Road to an interim five lane facility including two lanes in each direction, a center left turn lane, and exclusive turning lanes where appropriate.

NEED: This improvement will provide the final interim Pima Road improvement from Shea Boulevard to Dynamite Road, and is contractually required in conjunction with pending Horseworld improvements.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design		25.0					25.0
Construction			326.0				326.0
Other							
<b>Total</b>	<b>\$</b>	<b>25.0</b>	<b>326.0</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>351.0</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	25.0	\$ 326.0	\$	\$	\$	351.0
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Spot Streets

TITLE: Scottsdale Road and Frank Lloyd Wright Boulevard

DESCRIPTION: Add a second northbound left turn lane to the intersection.

NEED: This project will improve the northbound traffic flow at the intersection, by reducing a portion of the congestion. This improvement may reduce the number of accidents at the intersection.

## FISCAL SUMMARY (In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$ 706.6	\$	\$	\$	\$ 706.6
Design	10.4				10.4
Construction		186.4			186.4
Other					
Total	\$ 706.6	\$ 186.4	\$	\$	\$ 903.4
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/					
.2% Privilege Tax	\$ 10.4	\$ 186.4	\$	\$	\$ 903.4

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: Second Street - 70th Street to Scottsdale Road

DESCRIPTION: Widen Second Street to the north to provide a major collector cross-section.

NEED: The project will provide improved traffic access to and from the West Couplet and the downtown area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$ 660.0	\$ 660.0
Design						43.5	43.5
Construction						615.3	615.3
Other							
<b>Total</b>	\$	\$	\$	\$	\$	\$ 1,318.8	\$ 1,318.8
<u>FUNDING SOURCES</u>							
Unfunded	\$	\$	\$	\$	\$	\$ 1,318.8	\$ 1,318.8

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation      PROGRAM: Spot Streets

TITLE: Sweetwater Equestrian Overpass

DESCRIPTION: Provides an overpass of the Outer Loop Freeway for horses.

NEED: This project would provide for a grade separated overpass of the Outer Loop Freeway providing continuity to the horse trail plan and safety by separating horse and vehicular traffic.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design				60.1	60.1		60.1
Construction				528.0	528.0		528.0
Other							
<b>Total</b>	\$	\$	\$	\$	\$	\$	\$
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	\$	\$	\$	\$	\$	\$
				588.1	588.1		588.1
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation PROGRAM: Spot Streets

**TITLE:** Thomas Road - Hayden Road to Pima Road

**DESCRIPTION:** Provide additional pavement that will allow the restriping of Thomas Road to include a continuous two-way center left turn lane between Hayden Road and Pima Road.

**NEED:** This project will complete the continuous left turn lane from Pima Road to Hayden Road. This project may reduce a number of left turn accidents at Granite Reef and Thomas and reduce traffic congestion caused by vehicles desiring to turn left into driveways or side-streets.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 329.2	\$	\$	\$	\$	\$ 329.2
Design	35.5						
Construction			481.6				481.6
Other							
<b>Total</b>	\$	\$ 329.2	\$ 481.6	\$	\$	\$	\$ 846.3
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/ .2% Privilege Tax	\$	\$ 329.2	\$ 481.6	\$	\$	\$	\$ 846.3
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: Thunderbird Road - Pima Road to 90th Street

DESCRIPTION: Provide two eastbound travel lanes by constructing the south half street of Thunderbird Road.

NEED: This project will complete a fully developed cross-section of Thunderbird that is a four lane road with a center median. This project is adjacent to the Pima/CAP Improvement District.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 289.7	\$	\$	\$	\$ 289.7
Design	10.4					10.4
Construction		99.6				99.6
Other						
Total	\$ 10.4	\$ 289.7	\$ 99.6	\$	\$	\$ 399.7
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/ .2% Privilege Tax	\$ 10.4	\$ 289.7	\$ 99.6	\$	\$	\$ 399.7

OPERATING IMPACT  
Expense  
Revenue



## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: 73rd Street North of Thomas

DESCRIPTION: Construct approximately 270 feet of curb on the east side and 600 feet of curb on the west side to provide the standard cross-section for a minor collector.

NEED: This project will improve the overall street segment by providing a better alignment. It also may improve the traffic flow at the Thomas and 73rd Street intersection. Traffic volumes are reasonable for this type of street. No accidents have occurred on this 73rd Street segment in the past two years.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$ 477.3	\$	\$ 477.3
Design		28.9			28.9
Construction			284.9		284.9
Other					
<b>Total</b>	<b>\$</b>	<b>\$ 28.9</b>	<b>\$ 477.3</b>	<b>\$ 284.9</b>	<b>\$ 791.1</b>
<b>FUNDING SOURCES</b>					
1989 6% G.O. Bond/ .2% Privilege Tax	\$	\$ 28.9	\$ 477.3	\$ 284.9	\$ 791.1
<b>OPERATING IMPACT</b>					
Expense					
Revenue					

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: 84th Street and Cholla Street

DESCRIPTION: Complete intersection construction to provide standard street cross-sections including widening and improving both 84th Street and Cholla Street.

NEED: This improvement will significantly improve the intersection alignment. It will also increase the sight distance of motorists at the intersection.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$ 392.7	\$	\$	\$ 392.7
Design			109.2			109.2
Construction				1,425.7		1,425.7
Other						
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$ 501.9</b>	<b>\$ 1,425.7</b>	<b>\$</b>	<b>\$ 1,927.6</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/						
.2% Privilege Tax	\$	\$	\$ 501.9	\$ 1,425.7	\$	\$ 1,927.6

**OPERATING IMPACT**

Expense  
Revenue





## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: 92nd Street North of Sweetwater

DESCRIPTION: Construct approximately 330 feet of full street section, 625 feet of east half street section and 320 feet of west half street section.

NEED: The project will complete the street cross-section from Sweetwater to Voltaire. Currently, portions of this section of 92nd Street do not exist. However, motorists are traveling on the unpaved sections. Traffic volumes are increasing in the developing area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 278.7	\$	\$	\$	\$	\$ 278.7
Design	18.8						18.8
Construction			185.2				185.2
Other							
<b>Total</b>	\$	\$ 278.7	\$ 185.2	\$	\$	\$	\$ 482.7
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/ .2% Privilege Tax	\$	\$ 278.7	\$ 185.2	\$	\$	\$	\$ 482.7

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Spot Streets

**TITLE:** 94th Street - Windrose to Pershing

**DESCRIPTION:** Improve 94th Street to minor arterial General Plan standard by constructing approximately 1,000 feet of roadway half-section including two additional travel lanes, a raised median, sidewalk, curb, gutter, and landscaping.

**NEED:** This improvement will complete 94th Street between Shea Boulevard and Frank Lloyd Wright Boulevard. This 2.75 mile section of 94th Street will provide greater access and mobility to a developing area of the City.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$ 870.0	\$ 870.0
Design						34.0	34.0
Construction						216.0	216.0
Other							
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,120.0</b>	<b>\$ 1,120.0</b>
<b>FUNDING SOURCES</b>							
Unfunded	\$	\$	\$	\$	\$	\$ 1,120.0	\$ 1,120.0

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Transportation

PROGRAM: Spot Streets

TITLE: 100th Street North of Cactus

DESCRIPTION: Construct approximately 1900 feet of a west half-street section of 100th Street.

NEED: This improvement will complete the 100th Street alignment between Cactus Road and Sweetwater Avenue. It will provide another improved access point to a developing area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$ 41.7	\$	\$	\$	41.7
Design	45.0					45.0
Construction			495.7			495.7
Other						
<b>Total</b>	<b>\$ 45.0</b>	<b>\$ 41.7</b>	<b>\$ 495.7</b>	<b>\$</b>	<b>\$</b>	<b>582.4</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond/ .2% Privilege Tax	\$ 45.0	\$ 41.7	\$ 495.7	\$	\$	582.4

**OPERATING IMPACT**

Expense  
Revenue





## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Traffic Bottlenecks

**TITLE:** Traffic Bottleneck Projects - Various Locations

**DESCRIPTION:** At thirty locations within the City, provide street improvements that range from adding an exclusive right turn lane to providing a continuous left turn lane.

**NEED:** These thirty projects will improve the level of service, improve traffic safety, and reduce traffic congestion at the respective locations.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$		\$	\$	\$	\$	\$
Design		631.0	1,340.5	238.0		2,941.5	6,427.0
Construction		\$ 1,276.0	\$ 1,340.5	\$ 238.0		\$ 2,941.5	\$ 6,427.0
Other							
<b>Total</b>	<b>\$</b>	<b>631.0</b>	<b>1,340.5</b>	<b>238.0</b>		<b>2,941.5</b>	<b>6,427.0</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/		\$ 631.0	\$ 1,340.5	\$ 238.0		\$	\$ 3,485.5
.2% Privilege Tax						2,941.5	2,941.5
Unfunded							
<b>Total</b>	<b>\$</b>	<b>631.0</b>	<b>1,340.5</b>	<b>238.0</b>		<b>2,941.5</b>	<b>6,427.0</b>
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Traffic Signals

**TITLE:** Signal Computer Expansion

**DESCRIPTION:** Synchronize all the traffic signals north of Shea Boulevard and thirty year old controllers currently being utilized in the southern part of the City.

**NEED:** Currently, only the signals south of Chaparral and west of Granite Reef, inclusive, are synchronized. In fiscal 1989-90 all signals south of Shea Boulevard, inclusive, will be synchronized. A study revealed that synchronization has very significant benefits.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other					599.9		1,739.9
<b>Total</b>	<b>\$</b>	<b>1,140.0</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>599.9</b>	<b>\$ 1,739.0</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	1,140.0	\$	\$	\$	599.9	\$ 1,739.9
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

**CATEGORY:** Transportation

**PROGRAM:** Traffic Signals

**TITLE:** Traffic Signal Program

**DESCRIPTION:** Design plans, acquire materials and install equipment for new and modified traffic signals.

**NEED:** As the City develops, traffic volumes increase and new streets are constructed. Approximately thirty intersections have been identified as potential locations for signal installation in the next five years. In addition to new signals, several other projects require an in-house signal construction crew, i.e. traffic bottleneck projects, CIP projects, left turn arrow installations and signal system expansion.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$		\$	\$	\$	\$	\$
Design							
Construction		350.0	289.4	306.8	326.7	300.0	1,753.2
Other							
<b>Total</b>	<b>\$</b>	<b>350.0</b>	<b>289.4</b>	<b>306.8</b>	<b>326.7</b>	<b>300.0</b>	<b>1,753.2</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond/							
.2% Privilege Tax	\$	180.3	289.4	306.8	326.7	300.0	1,453.2
Unfunded							
<b>Total</b>	<b>\$</b>	<b>180.3</b>	<b>289.4</b>	<b>306.8</b>	<b>326.7</b>	<b>300.0</b>	<b>1,753.2</b>
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

**CATEGORY:** Transportation      **PROGRAM:** Airport

**TITLE:** Complete Alpha Taxiway - City Matching Funds

**DESCRIPTION:** Complete Alpha Taxiway to Runway 21 and install field lighting the full length of the taxiway (8,200 feet). The taxiway addition will be 2,700 feet.

**NEED:** As airport capacity increases, there will be a demand for additional taxiway access to the airport and the extension of taxiway alpha will be necessary. This will reduce the amount of traffic on bravo taxiway, which is on the other side of the runway, by allowing ground control to route aircraft down either side of the runway for landings and departures. Efficiency of the runway/taxiway system will be greatly enhanced by this extension. Ninety percent financed by federal and state grant.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction			61.1				61.1
Other							
<b>Total</b>	\$	\$	\$ 61.1	\$	\$	\$	\$ 61.1
<b>FUNDING SOURCES</b>							
Current Revenue	\$	\$	\$ 61.1	\$	\$	\$	\$ 61.1

**OPERATING IMPACT**  
Expense  
Revenue



Drainage/  
Flood Control

## DRAINAGE/FLOOD CONTROL COST SUMMARY

### PROGRAM SUMMARY

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
(In Thousands of Dollars)						
Drainage	\$7,405.3	\$2,218.0	\$5,111.9	\$2,468.5	\$2,912.0	\$20,115.7
Flood Control	1,454.0	6,025.3	12,557.4	2,484.2	3,791.1	26,312.0
<b>Total</b>	<b>\$8,859.3</b>	<b>\$8,243.3</b>	<b>\$17,669.3</b>	<b>\$4,952.7</b>	<b>\$6,703.1</b>	<b>\$46,427.7</b>

### FISCAL SUMMARY

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
(In Thousands of Dollars)						
<b>FUNDING SOURCES</b>						
20% General Obligation Bonds Unfunded	\$8,859.3	\$8,243.3	\$17,147.8	\$4,952.7	\$3,791.1	\$42,994.2
			521.5		2,912.0	3,433.5
<b>Total</b>	<b>\$8,859.3</b>	<b>\$8,243.3</b>	<b>\$17,669.3</b>	<b>\$4,952.7</b>	<b>\$6,703.1</b>	<b>\$46,427.7</b>

### OPERATING IMPACT

Expense  
Revenue

## PROJECT LISTING DRAINAGE

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
82	Cactus Road Drainage System	\$ 205.2					\$ 205.2
83	Cactus Road Storm Drain		520.9				520.9
84	60th Street to Scottsdale Road		115.8		130.7		246.4
85	Drainage Corrections		115.8				115.8
86	East Couplet Storm Drain						264.4
87	Camelback Road to Indian School Road	264.4					264.4
87	East Couplet Storm Drain		173.6	1,779.2			1,952.9
88	Earll to 2nd Street						2,058.4
88	Indian Bend Road Drainage System	2,058.4					2,058.4
89	Indian School Road East Storm Drain	1,371.6					1,371.6
90	Lincoln Drive Storm Drain	1,257.4					1,257.4
91	McDowell Road Storm Drain						691.3
91	Scottsdale Road to Miller Road	691.3					691.3
92	McDowell Road Storm Drain						1,131.3
92	70th Street/Scottsdale Road to Bellevue			85.9	1,045.4		1,131.3
93	Miller Road Storm Drain			521.5			521.5
94	Mummy Mountain Wash Box Culvert		290.6	716.6			1,007.2
95	Oak Street East Storm Drain					1,337.0	1,337.0
96	Scottsdale Road Box Culvert	37.3	435.3				472.6
97	Scottsdale Road Bridge Over Indian Bend Wash		566.1	1,903.2			2,469.2
98	Scottsdale Road Storm Drain						259.0
98	Highland Avenue to Camelback Road	259.0					259.0
99	Scottsdale Road Storm Drain						858.3
99	Third Avenue to Sixth Avenue	943.6		65.0	793.2		943.6
100	Second Street Storm Drain						539.7
101	Sixth Avenue Storm Drain			40.5	499.2		539.7
102	Upper Camelback Walk Drain					1,575.0	1,575.0
102	West Couplet Storm Drain						317.1
103	Indian School to 2nd Street	317.1					317.1
	TOTAL DRAINAGE	\$ 7,405.3	\$ 2,218.0	\$ 5,111.9	\$ 2,468.5	\$ 2,912.0	\$ 20,115.7



# PROJECT LISTING

## FLOOD CONTROL

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
104	Granite Reef Wash Stabilization	\$ 98.0					\$ 98.0
105	Hayden Road Channel - City Participation			311.2			311.2
106	Larkspur Detention Basin Improvements	90.5					90.5
107	Lost Dog Wash Diversion	1,000.0					1,000.0
108	Outer Loop Detention Basins						
	City Participation			845.2			845.2
109	Pima Road Channel		2,902.1	11,135.5			14,037.6
110	Pima Road Detention Basins				2,484.2	3,791.1	6,275.3
111	Scottsdale Road Channel - City Participation			265.5			265.5
112	64th Street Channel Improvements						
	Cholla to Cactus	212.9	2,582.6				2,795.5
113	64th Street Channel Improvements						
	Shea to Cholla	52.7	540.6				593.3
	TOTAL FLOOD CONTROL	\$ 1,454.0	\$ 6,025.3	\$12,557.4	\$ 2,484.2	\$ 3,791.1	\$ 26,312.0
	TOTAL DRAINAGE/FLOOD CONTROL	\$ 8,859.3	\$ 8,243.3	\$17,669.3	\$ 4,952.7	\$ 6,703.1	\$ 46,427.7



## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control      PROGRAM: Drainage

TITLE: Cactus Road Storm Drain  
 DESCRIPTION: 60th Street to Scottsdale Road.  
 NEED: Storm drain will accommodate roadway improvements.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	52.2					52.2
Construction		520.9				520.9
Other						
<b>Total</b>	<b>\$ 52.2</b>	<b>\$ 520.9</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 573.1</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 52.2	\$ 520.9	\$	\$	\$	\$ 573.1
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: Drainage Corrections

DESCRIPTION: Provide as-needed drainage corrections.

NEED: This fund will enable the City to correct drainage problems on an as-needed basis to areas of the City where minor corrections are required.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction	100.0	115.8		130.7		346.5
Other						
<b>Total</b>	<b>\$ 100.0</b>	<b>\$ 115.8</b>	<b>\$</b>	<b>\$ 130.7</b>	<b>\$</b>	<b>\$ 346.5</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 100.0	\$ 115.8	\$	\$ 130.7	\$	\$ 346.5

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: Drainage Utility

DESCRIPTION: Provide funds in order to investigate implementation of a Drainage Utility.

NEED: A drainage utility will establish a legal basis to have a utility which will provide a coordinated plan for flood control and drainage projects.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other	200.0	115.8					315.8
<b>Total</b>	\$	\$	\$	\$	\$	\$	\$ 315.8
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$	\$	\$	\$	\$	\$ 315.8

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: East Couplet Storm Drain

DESCRIPTION: Storm drain within East Couplet from Camelback Road to Indian School Road.

NEED: This project is part of the Downtown Master Drainage Plan which will eliminate nuisance and casual waters from roadways, bring the roadway drainage systems to ordinance standards, and provide flood protection to the developments from a 100-year event.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design	21.9						21.9
Construction		264.4					264.4
Other							
<b>Total</b>	<b>\$</b>	<b>21.9</b>	<b>264.4</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>286.3</b>
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	21.9	\$	264.4	\$	\$	286.3

OPERATING IMPACT

Expense

Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: East Couplet Storm Drain

DESCRIPTION: Storm drain in the East Couplet from Earl I Drive to Second Street

NEED: This project is part of the Downtown Master Drainage Plan which will eliminate nuisance and casual waters from roadways, bring the roadway drainage systems to ordinance standards and provide flood protection to the developments from a 100-year event.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design		173.6				173.6
Construction			1,779.2			1,779.2
Other						
<b>Total</b>	\$	\$ 173.6	\$ 1,779.2	\$	\$	\$ 1,952.8
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$	\$ 173.6	\$ 1,779.2	\$	\$	\$ 1,952.8

OPERATING IMPACT  
Expense  
Revenue









## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: McDowell Road Storm Drain

DESCRIPTION: Scottsdale Road to Miller Road

NEED: Required to bring drainage system to current standards and provide drainage for street.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	70.0					70.0
Construction	691.3					691.3
Other						
<b>Total</b>	<b>\$ 70.0</b>	<b>\$ 691.3</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 761.3</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 70.0	\$ 691.3	\$	\$	\$	\$ 761.3

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Drainage/Flood Control      **PROGRAM:** Drainage

**TITLE:** McDowell Road Storm Drain

**DESCRIPTION:** 70th Street/Scottsdale Road to Belleview.

**NEED:** Required to bring drainage system to current standards and provide drainage for street.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design			85.9		85.9
Construction				1,045.4	1,045.4
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$ 85.9</b>	<b>\$ 1,045.4</b>	<b>\$ 1,131.3</b>
<b>FUNDING SOURCES</b>					
1989 20% G.O. Bond	\$	\$	\$ 85.9	\$ 1,045.4	\$ 1,131.3

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: Miller Road Storm Drain

DESCRIPTION: Seventh Avenue to Indian School Road

NEED: This project is part of the Downtown Master Plan which will eliminate nuisance and casual waters from roadways, bring drainage systems to ordinance standards, provide protection to developments from a 100 year event, and is the outlet for the 6th Avenue drain approved in the 1989 bond election.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design			47.5		47.5
Construction			474.0		474.0
Other					
Total	\$	\$	\$ 521.5	\$	\$ 521.5
<u>FUNDING SOURCES</u>					
Unfunded	\$	\$	\$ 521.5	\$	\$ 521.5

OPERATING IMPACT  
Expense  
Revenue



## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: Oak Street East Storm Drain

DESCRIPTION: Scottsdale Road to Indian Bend Wash

NEED: Required to supplement the capacity in the existing drain which is an outlet for the Scottsdale Road system.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design						121.5	121.5
Construction						1,215.5	1,215.5
Other							
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,337.0</b>	<b>\$ 1,337.0</b>
<u>FUNDING SOURCES</u>							
Unfunded	\$	\$	\$	\$	\$	\$ 1,337.0	\$ 1,337.0
<u>OPERATING IMPACT</u>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: Scottsdale Road Box Culvert

DESCRIPTION: Box culvert under Scottsdale Road at Indian Bend Road.

NEED: The design and construction of this storm drain will enable Scottsdale Road to be used at this intersection during periods of major flooding.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	37.3					37.3
Construction		435.3				435.3
Other						
<b>Total</b>	<b>\$ 37.3</b>	<b>\$ 435.3</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 472.6</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 37.3	\$ 435.3	\$	\$	\$	\$ 472.6

OPERATING IMPACT  
Expense  
Revenue



## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: Scottsdale Road Bridge Over Indian Bend Wash

DESCRIPTION: Box culverts at Scottsdale Road and McCormick Parkway.

NEED: This project will provide the required connection between north and south Scottsdale during major flooding events.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design		566.1				566.1
Construction			1,903.2			1,903.2
Other						
<b>Total</b>	<b>\$</b>	<b>\$ 566.1</b>	<b>\$ 1,903.2</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,469.3</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$	\$ 566.1	\$ 1,903.2	\$	\$	\$ 2,469.3

### OPERATING IMPACT

Expense  
Revenue



## PROJECT SUMMARY

**CATEGORY:** Drainage/Flood Control      **PROGRAM:** Drainage

**TITLE:**      Scottsdale Road Storm Drain

**DESCRIPTION:** Third Avenue to Sixth Avenue and Fifth Avenue Lateral.

**NEED:**      This project is part of the Downtown Master Drainage Plan which will eliminate nuisance and casual waters from roadways, bring the roadway drainage systems to ordinance standards and provide flood protection to the developments from a 100-year event.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design			65.0				65.0
Construction				793.2			793.2
Other							
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 65.0</b>	<b>\$ 793.2</b>	<b>\$</b>	<b>\$ 858.2</b>
<b><u>FUNDING SOURCES</u></b>							
1989 20% G.O. Bond	\$	\$	\$	\$ 65.0	\$ 793.2	\$	\$ 858.2
<b><u>OPERATING IMPACT</u></b>							
Expense							
Revenue							



## PROJECT SUMMARY

**CATEGORY:** Drainage/Flood Control      **PROGRAM:** Drainage

**TITLE:** Sixth Avenue Storm Drain  
**DESCRIPTION:** East Couplet to Miller Road.

**NEED:** This project is part of the Downtown Master Drainage Plan which will eliminate nuisance and casual waters from roadways, bring the roadway drainage systems to ordinance standards and provide flood protection to the developments from a 100-year event.

## FISCAL SUMMARY

(In Thousands of Dollars)

<u>PROJECT COSTS</u>	<u>PRIOR YEARS</u>	1990-91	1991-92	1992-93	1993-94	1994-95	<u>TOTAL</u>
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design			40.5				40.5
Construction					499.2		499.2
Other							
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<hr/>							
<u>FUNDING SOURCES</u>							
1989 20% G.O. Bond	\$	\$	\$	\$	\$	\$	\$
			40.5		499.2		539.7

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: Upper Camelback Walk Drain

DESCRIPTION: 96th Street and Sutton Drive to Desert Cove and 92nd Street

NEED: To provide major outlet for the developing area north to Thunderbird and the CAP canal and for the existing area development.

## FISCAL SUMMARY (In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$ 630.0
Design					86.0
Construction					859.0
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,575.0</b>
<b>FUNDING SOURCES</b>					
Unfunded	\$	\$	\$	\$	\$ 1,575.0

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Drainage

TITLE: West Couplet Storm Drain

DESCRIPTION: Storm drain from Indian School Road to 2nd Street.

NEED: This project is part of the Downtown Master Drainage Plan which will eliminate nuisance and casual waters from roadways, bring the roadway drainage systems to ordinance standards and provide flood protection to the developments from a 100-year event.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	61.1					61.1
Construction	317.1					317.1
Other						
Total	\$ 61.1	\$ 317.1	\$	\$	\$	\$ 378.2
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 61.1	\$ 317.1	\$	\$	\$	\$ 378.2
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Flood Control

TITLE: Granite Reef Wash Stabilization

DESCRIPTION: Stabilize and line Granite Reef Wash from McKellips Road north approximately 130 feet, construct outlet work to tie to the Maricopa County Highway Department project on the Salt River Indian Reservation, and rehabilitate catch basins to remove nuisance and casual waters.

NEED: Project is required as part of a County Highway project to manage the Granite Reef Wash Flood Channel which is part of an effort to remove FEMA "A" flood zones from existing development, and to provide hydraulic structures and devices that will remove ponded, casual, and nuisance waters from a low spot in McKellips Road which is a hazardous condition for motorists.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	10.0					10.0
Construction	88.8					88.8
Other						
<b>Total</b>	<b>\$ 98.0</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 98.0</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 98.0	\$	\$	\$	\$	\$ 98.0

OPERATING IMPACT

Expense  
Revenue



## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Flood Control

TITLE: Hayden Road Channel - City Participation

DESCRIPTION: Outer Loop Highway to North Side of CAP Canal.

NEED: This project will provide flood control and protection to future development and will reduce the cost of drainage structures for existing and future roadway projects. This project is also one of the elements of the groundwater recharge program. This project is recommended in the General Drainage Plan for north Scottsdale.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other (Participation)			311.2				311.2
<b>Total</b>	\$	\$	\$ 311.2	\$	\$	\$	\$ 311.2
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$	\$ 311.2	\$	\$	\$	\$ 311.2
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Flood Control

TITLE: Larkspur Detention Basin Improvements

DESCRIPTION: Modify the Larkspur Basin to accommodate fifty acre feet of stormwater storage and provide a modified outlet pipe terminating at Cactus Road.

NEED: The project is required to provide a positive outlet to the existing basin and to reduce the flooding potential for all storms south of Cactus Road.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$ 470.3	\$	\$	\$	\$	\$ 470.3
Design	50.0					50.0
Construction	211.2	90.5				301.7
Other						
<b>Total</b>	<b>\$ 731.5</b>	<b>\$ 90.5</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 822.0</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 731.5	\$ 90.5	\$	\$	\$	\$ 822.0

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control      PROGRAM: Flood Control

**TITLE:** Lost Dog Wash Diversion

**DESCRIPTION:** Divert Lost Dog Wash from its present course via a more direct route into its ultimate destination.

**NEED:** The present course of Lost Dog Wash will require major bridges over Cactus and Via Linda. The present course also makes large areas of land difficult to develop. The diversion obviates the need for major construction.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$ 200.0	\$	\$	\$	\$	\$	\$ 200.0
Design							1,000.0
Construction		1,000.0					
Other							
<b>Total</b>	<b>\$ 200.0</b>	<b>\$ 1,000.0</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,200.0</b>
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$ 200.0	\$ 1,000.0	\$	\$	\$	\$	\$ 1,200.0

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Drainage/Flood Control

**PROGRAM:** Flood Control

**TITLE:** Outer Loop Detention Basins - City Participation

**DESCRIPTION:** Retention Basins north of proposed Outer Loop Highway between Scottsdale Road and Pima Road.

**NEED:** This project will provide flood control and protection to future development and will reduce the cost of drainage structures for the Outer Loop Highway and existing and future roadway projects. This project is also one of the elements of the groundwater recharge program. This project is recommended in the General Drainage Plan for north Scottsdale.

## FISCAL SUMMARY (In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other (Participation)				845.2			845.2
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$	\$	\$	\$	\$	\$
				845.2			845.2

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control      PROGRAM: Flood Control

TITLE: Pima Road Channel

DESCRIPTION: Deer Valley Road to Horseworld Basin.

NEED: This project will provide flood control and protection to future development and will reduce the cost of drainage structures for existing and future roadway projects. This project is also one of the elements of the groundwater recharge program. This project is recommended in the General Drainage Plan for north Scottsdale.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$ 2,902.1	\$ 3,368.3	\$	\$ 6,270.4
Design			622.1		622.1
Construction			7,145.1		7,145.1
Other					
<b>Total</b>	<b>\$</b>	<b>\$ 2,902.1</b>	<b>\$ 11,135.5</b>	<b>\$</b>	<b>\$ 14,037.6</b>
<b>FUNDING SOURCES</b>					
1989 20% G.O. Bond	\$	\$ 2,902.1	\$ 11,135.5	\$	\$ 14,037.6
<b>OPERATING IMPACT</b>					
Expense					
Revenue					

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control      PROGRAM: Flood Control

TITLE: Pima Road Detention Basins

DESCRIPTION: Pinnacle Peak to Happy Valley.

NEED: These basins are required to manage storm waters so that properties downstream from the basins are not adversely affected by upstream development.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$ 2,085.7	\$	\$ 2,085.7
Design				398.5		398.5
Construction					3,791.1	3,791.1
Other						
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,484.2</b>	<b>\$ 3,791.1</b>	<b>\$ 6,275.3</b>
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$	\$	\$	\$ 2,484.2	\$ 3,791.1	\$ 6,275.3

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control      PROGRAM: Flood Control

TITLE:            Scottsdale Road Channel - City Participation

DESCRIPTION:   Outer Loop Highway to TPC Detention Basin.

NEED:            This project will provide flood control and protection to future development and will reduce the cost of drainage structures for existing and future roadway projects. This project is also one of the elements of the groundwater recharge program. This project is recommended in the General Drainage Plan for north Scottsdale.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other (Participation)				265.5			265.5
<b>Total</b>	\$	\$	\$	\$ 265.5	\$	\$	\$ 265.5
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$	\$	\$ 265.5	\$	\$	\$ 265.5

OPERATING IMPACT

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Drainage/Flood Control

PROGRAM: Flood Control

TITLE: 64th Street Channel Improvement

DESCRIPTION: Cholla to Cactus.

NEED: This project provides channel capacity as set forth in PVSP (Paradise Valley, Scottsdale, Phoenix) design and helps complete PVSP intergovernmental project.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design		212.9					212.9
Construction			2,582.6				2,582.6
Other							
<b>Total</b>	\$	\$ 212.9	\$ 2,582.6	\$	\$	\$	\$ 2,795.5
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$ 212.9	\$ 2,582.6	\$	\$	\$	\$ 2,795.5

OPERATING IMPACT

Expense  
Revenue



## PROJECT SUMMARY

**CATEGORY:** Drainage/Flood Control      **PROGRAM:** Flood Control

**TITLE:** 64th Street Channel Improvements

**DESCRIPTION:** Shea to Cholla.

**NEED:** This project provides channel capacity as set forth in PVSP (Paradise Valley, Phoenix, Scottsdale) design and helps complete PVSP intergovernmental project.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design		52.7					52.7
Construction			540.6				540.6
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 52.7</b>	<b>\$ 540.6</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 593.3</b>
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	52.7	540.6	\$	\$	\$	593.3
<b>OPERATING IMPACT</b>							
Expense							
Revenue							



## WATER/WASTEWATER COST SUMMARY

### PROGRAM SUMMARY

(In Thousands of Dollars)

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
Water	\$16,680.9	\$12,297.1	\$22,443.8	\$13,891.7	\$10,422.1	\$75,735.6
Wastewater	7,344.7	9,336.5	21,289.6	23,405.6	4,311.9	65,688.3
<b>Total</b>	<b>\$24,025.6</b>	<b>\$21,633.6</b>	<b>\$43,733.4</b>	<b>\$37,297.3</b>	<b>\$14,734.0</b>	<b>\$141,423.9</b>

### FISCAL SUMMARY

(In Thousands of Dollars)

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
<b>FUNDING SOURCES</b>						
Current Revenues	\$6,597.4	\$6,199.7	\$5,938.2	\$8,158.1	\$7,500.8	\$34,394.2
Revenue Bonds	14,938.2	11,133.5	32,233.4	24,657.3		82,962.4
Development Fees	2,490.0	4,300.4	5,561.8	4,376.9	3,300.2	20,029.3
Unfunded				105.0	3,933.0	4,038.0
<b>Total</b>	<b>\$24,025.6</b>	<b>\$21,633.6</b>	<b>\$43,733.4</b>	<b>\$37,297.3</b>	<b>\$14,734.0</b>	<b>\$141,423.9</b>

### OPERATING IMPACT

Expense	\$17.2	\$24.9	\$312.3	\$388.8	\$5,289.0	\$6,032.2
Revenue						

# PROJECT LISTING

## WATER

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
118	Advanced Water Treatment Plant (WF-21)	\$ 1,453.9	\$ 5,788.0	\$ 11,595.6	\$ 12,349.3	\$	\$ 31,186.8
119	Backflow Prevention	156.7					156.7
120	Bill Williams River Water Rights	109.7	115.8	122.7	130.7		478.9
121	CAP/SRP Interconnect Facility	164.6					164.6
122	Geographic Information System	27.4					27.4
123	Initial Recharge/Recovery System	822.9	868.2				1,691.1
124	Lone Mountain Road						
	60th Street to Scottsdale Road	493.8					493.8
125	Miller Rd Waterline/McKellips - Oak		84.4	786.4			870.8
126	Old Corp Yard Land Purchase			5,521.7			5,521.7
127	Osborn Road Waterline				105.0	1,002.0	1,107.0
128	Phase III Radio Telemetry	180.0					180.0
129	Phase IV Radio Telemetry		231.5				231.5
130	Reclaimed Water Distribution System		3,472.8	2,454.1			5,926.9
131	Relocate Water Vault: Pima and Raintree	82.3					82.3
132	SRP Filtration Plant: South Scottsdale	10,314.1					10,314.1
133	Sweetwater Avenue Main 92nd Street to 94th Street	65.8					65.8
134	Utility Sleeve Crossings/Interim Outer Loop		578.8	736.2			1,315.0
135	Virginia/Oak Waterline	600.0					600.0
136	Water Oversizing	1,097.2			1,306.8		2,404.0
137	Well Site Treatment		1,157.6	1,227.0			2,384.6
138	Zone Three Tank East & 120th Street Watermain	355.2				1,215.5	1,570.7
139	Zone Four Pump Expansion	153.6				7,293.0	7,446.6
140	Zone Nine Tank/Pump Oversize North Area ID	603.5				911.6	1,515.1
	TOTAL WATER	\$16,680.9	\$12,297.1	\$22,443.8	\$13,891.7	\$10,422.1	\$ 75,735.6

# PROJECT LISTING

## WASTEWATER

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
141	Gainey Ranch Wastewater Reclamation Plant	\$ 113.5	\$ 118.2	\$ 122.9	\$ 127.8	\$ 133.0	\$ 615.4
142	Regional Wastewater Reclamation Plant	1,207.0	5,209.2	12,270.5	6,207.3		24,894.0
143	Scottsdale Road Relief Sewer	713.2	2,315.2	2,454.1	2,613.6	2,431.0	10,527.1
144	Sewer Oversizing	1,097.2	1,157.6	1,227.0	1,306.8	1,215.5	6,004.1
145	Shea Relief Sewer 124th Street to 126th Street	11.0		104.2			115.2
146	Shea Relief Sewer 130th Street to 138th Street	27.4		435.6			463.0
147	Subregional WWTP Land Purchase	3,620.9					3,620.9
148	Troon Village Wastewater Reclamation Plant	225.3	189.0	196.5	147.4	32.5	790.7
149	WTP Associated Collection System			3,865.2	12,349.3		16,214.5
150	91st Avenue WWTP Expansion	329.2	347.3	613.5	653.4	500.0	2,443.4
	TOTAL WASTEWATER	\$ 7,344.7	\$ 9,336.5	\$ 21,289.6	\$ 23,405.6	\$ 4,312.0	\$ 65,688.3
	TOTAL WATER/WASTEWATER	\$ 24,025.6	\$ 21,633.5	\$ 43,733.4	\$ 37,297.3	\$ 14,734.1	\$ 141,423.9

## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater

**PROGRAM:** Water

**TITLE:** Advanced Water Treatment Plant (WF-21)

**DESCRIPTION:** Land acquisition, design and construction of a regional 24 million gallon per day (MGD) advanced water treatment plant to be coupled with a proposed regional wastewater reclamation plant in north-central Scottsdale.

**NEED:** Necessary to:

- ° Stay on track with the City's Water Resources Plan
- ° Decrease our consumption of groundwater as mandated by the 1980 Groundwater Code
- ° Reclaim water for underground recharge for future use.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$ 522.5	\$ 578.8	\$ 736.2	\$	\$	\$ 2,386.1
Design	836.0	1,128.7				2,760.0
Construction		4,080.5	10,859.4	12,349.3		27,289.2
Other (Study)	110.0					110.0
<b>Total</b>	<b>\$ 1,358.5</b>	<b>\$ 5,788.0</b>	<b>\$ 11,595.6</b>	<b>\$ 12,349.3</b>	<b>\$</b>	<b>\$ 32,545.3</b>
<b>FUNDING SOURCES</b>						
1989 Revenue Bond/						
Current Revenue	\$ 1,358.5	\$ 5,788.0	\$ 11,595.6	\$ 12,349.3	\$	\$ 32,545.3
<b>OPERATING IMPACT</b>						
Expense	\$	\$	\$	\$	\$	\$ 3,723.0
Revenue	\$	\$	\$	\$	\$	\$ 3,723.0

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Backflow Prevention

DESCRIPTION: Purchase and installation of various backflow prevention devices required to retrofit, replace and/or repair these devices for existing City owned buildings, parks, and other areas.

NEED: To conform to the upcoming backflow prevention and cross connection control ordinance.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction						
Other (Study)	156.7					156.7
<b>Total</b>	<b>\$ 156.7</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 156.7</b>
<b>FUNDING SOURCES</b>						
Current Revenue	\$ 156.7	\$	\$	\$	\$	\$ 156.7

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Bill Williams River Water Rights

DESCRIPTION: Advanced planning and engineering studies in support of this application for the remaining unappropriated water available in the Bill Williams River.

NEED: Current estimates are that advanced planning studies will require five years beginning in 1989/90; the engineering design phase will take five years, and project construction will require an additional five years.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design-Advance Planning	\$	109.7	115.8	122.7	130.7	130.7	578.9
Construction							
Other							
<b>Total</b>	<b>\$</b>	<b>100.0</b>	<b>109.7</b>	<b>115.8</b>	<b>122.7</b>	<b>130.7</b>	<b>\$ 578.9</b>
<b>FUNDING SOURCES</b>							
1989 Revenue Bond/							
Current Revenue	\$	100.0	109.7	115.8	122.7	130.7	\$ 578.9

**OPERATING IMPACT**

Expense  
Revenue



## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: CAP/SRP Interconnect Facility

DESCRIPTION: Design and construction of a delivery intertie between the CAP aqueduct and SRP canal system and also the Salt River channel for recharge.

NEED: A one-time opportunity to participate with seven other Salt River Valley cities in constructing an intertie between the CAP and SRP canal system. Necessary to allow for flexible delivery of CAP and Planet Ranch water via the SRP canals as well as permit diversion of water into the proposed joint use Granite Reef Underground Storage Project.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction	250.0	164.6					414.6
Other							
Total	\$ 250.0	\$ 164.6	\$	\$	\$	\$	\$ 414.6
<b>FUNDING SOURCES</b>							
1989 Revenue Bond/							
Current Revenue	\$ 250.0	\$ 164.6	\$	\$	\$	\$	\$ 414.6
<b>OPERATING IMPACT</b>							
Expense	\$	\$ 2.2	\$ 2.4	\$ 2.6	\$ 3.0	\$ 3.3	\$ 13.5
Revenue							

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Geographic Information System

DESCRIPTION: A combination of hardware, software, and City maps to be transformed into computerized information. The hardware consists of 14 workstations, disk storage, digitizers, and plotters. Computerized information includes the cost of digitizing City maps and levels of information that includes parcels, the General Plan, right-of-way, water and sewer lines, and traffic zones.

NEED: This system will enable the City to inventory all public service facilities in our land area, to track all development and land use, and to simulate alternative development scenarios and their impact on infrastructure, thereby enhancing the City's ability to integrate land use and capital planning.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction	899.6	27.4				927.0
Other						
Total	\$ 899.6	\$ 27.4	\$	\$	\$	\$ 927.0
<b>FUNDING SOURCES</b>						
1989 Revenue Bond/						
Current Revenue	\$ 899.6	\$ 27.4	\$	\$	\$	\$ 927.0
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Initial Recharge/Recovery System

DESCRIPTION: Design and construction of initial recharge and recovery facilities to store various water sources including reclaimed water, excess CAP and Planet Ranch supplies, and storm water runoff underground for future recovery.

NEED: This will allow the City to store various sources of water in wet months/years and to recover it when needed. It is also necessary to stay on track with the City's Water Resources Plan and to decrease our dependency on groundwater.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS		1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$		\$	\$	\$	\$	\$	\$
Design		188.0						188.0
Construction		125.5	822.9	868.2				1,816.6
Other								
<b>Total</b>	\$	313.5	\$ 822.9	\$ 868.2	\$	\$	\$	\$ 2,004.6
<b>FUNDING SOURCES</b>								
1989 Revenue Bond/								
Current Revenue	\$	313.5	\$ 822.9	\$ 868.2	\$	\$	\$	\$ 2,004.6
<b>OPERATING IMPACT</b>								
Expense	\$		\$ 15.0	\$ 39.5	\$ 41.5	\$ 104.7	\$ 109.4	\$ 310.1
Revenue								



# PROJECT SUMMARY

CATEGORY: Water/Wastewater PROGRAM: Water

**TITLE:** Miller Road Waterline - McKellips Road to Oak Street  
**DESCRIPTION:** Design and construct approximately 7,920 LF of 24" diameter pipe on Miller Road between McKellips Road and Oak Street  
**NEED:** This watermain is essential to connect the proposed SRP filtration/treatment plant at the old Corporation Yard into the Zone 1 water distribution system serving the southern portion of the City.

# FISCAL SUMMARY

(In Thousands of Dollars)

	PRIOR YEARS				TOTAL
PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95
Land/ROW Acq	\$	\$	\$	\$	\$
Design		84.4			84.4
Construction			786.4		786.4
Other					
Total	\$	\$ 84.4	\$ 786.4	\$	\$ 870.8
<b>FUNDING SOURCES</b>					
Water Development Fees					
Current Revenue	\$	\$ 84.4	\$ 786.4	\$	\$ 870.8
<b>OPERATING IMPACT</b>					
Expense					
Revenue					

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Old Corp Yard Land Purchase

DESCRIPTION: Purchase of the Old Corp Yard for future Water/Wastewater needs.

NEED: Necessary for locating future water treatment/reclamation facilities for south Scottsdale.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$ 5,521.7	\$	\$	\$ 5,521.7
Design							
Construction							
Other							
<b>Total</b>	\$	\$	\$	\$ 5,521.7	\$	\$	\$ 5,521.7
<b>FUNDING SOURCES</b>							
Current Revenue	\$	\$	\$	\$ 5,521.7	\$	\$	\$ 5,521.7

**OPERATING IMPACT**

Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater

**PROGRAM:** Water

**TITLE:** Osborn Road Waterline

**DESCRIPTION:** Design and construction of approximately 9,240 LF of 24" diameter pipe on Osborn Road between 68th Street and 82nd Street.

**NEED:** Essential to provide crosstown transmission capacity and connect the 10 MG Pima Park Reservoir to the west wide of the zone 1 water distribution system.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design			105.0		105.0
Construction				1,002.0	1,002.0
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<hr/>					
<b>FUNDING SOURCES</b>					
Unfunded	\$	\$	\$	\$	\$
<b>OPERATING IMPACT</b>					
Expense					
Revenue					





## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Phase IV Radio Telemetry

DESCRIPTION: Complete telemetry project for radio control of all wells, reservoirs, and booster stations.

NEED: Convert existing telemetry board from leased telephone lines (at \$30,000/yr.) to radio control.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction		231.5			231.5
Other					
<b>Total</b>	\$	\$ 231.5	\$	\$	\$ 231.5
<b>FUNDING SOURCES</b>					
Current Revenue	\$	\$ 231.5	\$	\$	\$ 231.5
<b>OPERATING IMPACT</b>					
Expense	\$	\$ (17.0)	\$ (36.5)	\$ (38.0)	\$ (40.0)
Revenue					(131.5)



## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater      **PROGRAM:** Water

**TITLE:** Relocate Water Vault: Pima and Raintree

**DESCRIPTION:** Relocate Water Vault.

**NEED:** The existing vault is located in the middle of Pima Road at Raintree Drive. This location makes it extremely hazardous for Water Operations staff to access the vault. Access is required on a weekly basis.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction		82.3					82.3
Other							
<b>Total</b>	\$	\$ 82.3	\$	\$	\$	\$	\$ 82.3
<b>FUNDING SOURCES</b>							
Current Revenue	\$	\$ 82.3	\$	\$	\$	\$	\$ 82.3
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: SRP Filtration Plant: South Scottsdale

DESCRIPTION: Design and construct filtration plant in south Scottsdale.

NEED: This plant will allow the City to take its SRP allocation, filter it and then recharge for future recovery from City wells. This flow-through scheme will also aid in cleaning up TCE groundwater contamination.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$ 1,567.5	\$	\$	\$	\$	\$ 1,567.5
Design	1,045.0					1,045.0
Construction	10,314.1					10,314.1
Other						
<b>Total</b>	<b>\$ 2,612.5</b>	<b>\$10,314.1</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 12,926.6</b>
<b>FUNDING SOURCES</b>						
1989 Revenue Bond/						
Current Revenue	\$ 2,612.5	\$10,314.1	\$	\$	\$	\$ 12,926.6
<b>OPERATING IMPACT</b>						
Expense			\$ 277.0	\$ 290.0	\$ 303.8	\$ 870.8
Revenue						

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Sweetwater Avenue Main-92nd Street to 94th Street

DESCRIPTION: Construction of 1,320 LF of 12" diameter pipe from 92nd Street to 94th Street will complete the Pima Road to 96th Street loop and will provide improved capacity to the east Shea area.

NEED: Necessary to relieve a current water supply bottleneck. Must be installed prior to street improvements planned for Sweetwater Avenue.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction	65.8					65.8
Other						
<b>Total</b>	<b>\$ 65.8</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 65.8</b>
<b>FUNDING SOURCES</b>						
Water Development Fees	\$ 65.8	\$	\$	\$	\$	\$ 65.8
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Utility Sleeve Crossings on the Interim Outer Loop

DESCRIPTION: This project provides for future utility crossings in the route of the Pima Parkway Outer Loop.

NEED: Steel sleeves will be installed at strategic locations, such as bridges, to allow future crossings of individual or combinations of pipelines across the Outer Loop rather than the more costly technique of boring through the completed roadway.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design		57.8			57.8
Construction		521.0	736.2		1,257.2
Other					
<b>Total</b>	<b>\$</b>	<b>\$ 578.8</b>	<b>\$ 736.2</b>	<b>\$</b>	<b>\$ 1,315.0</b>
<b>FUNDING SOURCES</b>					
1989 Revenue Bond/					
Current Revenue	\$	\$ 578.8	\$ 736.2	\$	\$ 1,315.0

OPERATING IMPACT

Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater

**PROGRAM:** Water

**TITLE:** Virginia/Oak Waterline

**DESCRIPTION:** Design and construction of 8,000 LF of 24" diameter pipe on Virginia/Oak between 77th Street and 86th Street.

**NEED:** This transmission main is needed to utilize the 10 MG reservoir currently planned to be built at Pima Park.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design		73.1			73.1
Construction		600.0			600.0
Other					
<b>Total</b>	<b>\$ 73.1</b>	<b>\$ 600.0</b>	<b>\$</b>	<b>\$</b>	<b>\$ 673.1</b>
<b>FUNDING SOURCES</b>					
Water Development Fees	\$ 73.1	\$ 600.0	\$	\$	\$ 673.1

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water/Wastewater PROGRAM: Water

TITLE: Water Oversizing

DESCRIPTION: City's share of oversized water facilities.

NEED: Necessary to ensure that water lines will be sized according to the Master Plan. Developers are responsible for line sizes needed to serve the development. Without oversize funding proper line sizes will not be installed and parallel lines will be needed later at a much greater expense.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction	1,000.0	1,097.2	1,157.6	1,227.0	1,306.8	1,215.5	7,004.1
Other							
<b>Total</b>	\$	\$ 1,097.2	\$ 1,157.6	\$ 1,227.0	\$ 1,306.8	\$ 1,215.5	\$ 7,004.1
<b>FUNDING SOURCES</b>							
Water Development Fee	\$	\$ 1,097.2	\$ 1,157.6	\$ 1,227.0	\$ 1,306.8	\$	\$ 5,788.6
Unfunded						1,215.5	1,215.5
<b>Total</b>	\$	\$ 1,097.2	\$ 1,157.6	\$ 1,227.0	\$ 1,306.8	\$ 1,215.5	\$ 7,004.1
<b>OPERATING IMPACT</b>							
Expense							
Revenue							



## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Well Site Treatment

DESCRIPTION: Design and construction of lead removal facilities at six well sites.

NEED: New proposed federal EPA regulations on lead in drinking water will require this project. The six well sites expected to need treatment are all in areas that are dependent upon these wells as the only or primary source of supply. Fines will be levied against those who exceed the standards.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					730.0
Construction					6,563.0
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 7,293.0</b>
<b>FUNDING SOURCES</b>					
1989 Revenue Bond/					
Current Revenue	\$	\$	\$	\$	\$ 7,293.0
<b>OPERATING IMPACT</b>					
Expense	\$	\$	\$	\$	\$ 550.0
Revenue					

## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater      **PROGRAM:** Water

**TITLE:** Zone Three Tank East and 120th Street Watermain

**DESCRIPTION:** Purchase of 5 acres, design, and construct a 2 MG storage tank and 4,000 LF of 24" diameter pipe.

**NEED:** The project combines with the Frank Lloyd Wright Boulevard project to utilize CAP water in the east Shea area. Demand is expected to exceed capacity within two years.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$ 533.0	\$ 300.0	\$	\$	\$ 833.0
Design	55.2				55.2
Construction				911.6	911.6
Other					
<b>Total</b>	<b>\$ 533.0</b>	<b>\$ 355.2</b>	<b>\$</b>	<b>\$ 911.6</b>	<b>\$ 1,799.8</b>
<b>FUNDING SOURCES</b>					
1989 Revenue Bond/					
Current Revenue	\$ 533.0	\$ 355.2	\$	\$ 911.6	\$ 1,799.8

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Zone Four Pump Expansion

DESCRIPTION: Add two pumps to the Zone 4 pump station north of Union Hills and Pima Road to provide water to Zone Four reservoir.

NEED: Necessary to move treated CAP water north to supply the Pinnacle Peak area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction	153.6					153.6
Other						
<b>Total</b>	<b>\$ 153.6</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 153.6</b>
<b>FUNDING SOURCES</b>						
Water Development Fees	\$ 153.6	\$	\$	\$	\$	\$ 153.6

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Water

TITLE: Zone Nine Tank and Pump Oversize North Area ID

DESCRIPTION: City's share of tank and pump oversizing.

NEED: The North Area Water I.D. will construct a storage reservoir at Lone Mountain Road and Pima Road, a 16" pipeline along Pima Road between Dixileta and Lone Mountain, and a pump station at Pima Road and Jonax. This oversizing will enable additional capacity to serve a larger area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction	603.5				603.5
Other					
Total	\$ 603.5	\$	\$	\$	\$ 603.5
<b>FUNDING SOURCES</b>					
Water Development Fees	\$ 603.5	\$	\$	\$	\$ 603.5

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Wastewater

TITLE: Gainey Ranch Wastewater Reclamation Plant

DESCRIPTION: Contractual obligation resulting from the design and construction of a 1.7 million gallons per day wastewater reclamation plant on the Gainey Ranch development to provide effluent for irrigation of the golf course and a City park.

NEED: The plant was constructed in FY 1986-87 by the developer of Gainey Ranch and ownership subsequently transferred to the City. By Council-approved agreement, the City must rebate to the developer all sewer development fees from the properties within the development as construction occurs. The effluent from the City-owned and operated reclamation plant is purchased by the developer to irrigate the golf course and a City park.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction					
Other (Prepd Dev. Fees)	522.0	118.2	122.9	127.8	133.0
Total	\$ 522.0	\$ 118.2	\$ 122.9	\$ 127.8	\$ 1,137.4
<b>FUNDING SOURCES</b>					
Current Revenue	\$ 522.0	\$ 118.2	\$ 122.9	\$ 127.8	\$ 1,137.4

OPERATING IMPACT

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Wastewater

TITLE: Regional Wastewater Reclamation Plant

DESCRIPTION: Land acquisition, design and construction of a regional 18 million gallon per day (MGD) wastewater reclamation plant in north central Scottsdale.

NEED: Necessary to

- Stay on track with the City's Water Resources Plan which includes the goal of achieving total wastewater reclamation and water reuse
- Decrease our consumption of groundwater as mandated by the 1980 Groundwater Code.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$ 500.0	\$ 550.0	\$ 578.8	\$	\$	\$	\$ 1,628.8
Design	523.4	657.0	607.7				1,788.1
Construction			4,022.7	12,270.5	6,207.3		22,500.5
Other (Study)	100.0						100.0
Total	\$ 1,123.4	\$ 1,207.0	\$ 5,209.2	\$ 12,270.5	\$ 6,207.3	\$	\$ 26,017.4

### FUNDING SOURCES

Sewer Development Fee/  
1989 Revenue Bond

\$ 1,123.4	\$ 1,207.0	\$ 5,209.2	\$ 12,270.5	\$ 6,207.3	\$	\$ 26,017.4
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### OPERATING IMPACT

Expense	\$	\$	\$	\$	\$	\$	\$ 608.9
Revenue	\$	\$	\$	\$	\$	\$	\$ 608.9

## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater

**PROGRAM:** Wastewater

**TITLE:** Scottsdale Road Relief Sewer

**DESCRIPTION:** Construct 10,560 LF of 36" pipe along Scottsdale Road, Doubletree to Indian Bend Road; 2,640 LF of 36" sewer pipe along Indian Bend Road from Scottsdale Road to Miller Road; 19,800 LF of 42" pipe along Miller Road from Indian Bend Road to Earl I Drive and 17,500 LF of 48" pipe along Miller Road from Earl I to the Princess Road metering station.

**NEED:** Current peak flows are running close to capacity in some areas of the Scottsdale Road sewer main. This project is essential to divert some of the current flows as well as flows being generated by new development to this new line. Without this project flows will exceed capacity within the next three to five years.

## FISCAL SUMMARY

(In Thousands of Dollars)

<u>PROJECT COSTS</u>	<u>PRIOR YEARS</u>	1990-91	1991-92	1992-93	1993-94	1994-95	<u>TOTAL</u>
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design	\$	365.7	163.2	\$	\$	\$	528.9
Construction		550.0	2,315.2	2,454.1	2,613.6	2,431.0	10,363.9
Other							
<b>Total</b>	<b>\$</b>	<b>713.2</b>	<b>2,315.2</b>	<b>2,454.1</b>	<b>2,613.6</b>	<b>2,431.0</b>	<b>10,892.8</b>
<b><u>FUNDING SOURCES</u></b>							
Sewer Development Fee/							
1989 Revenue Bond	\$	365.7	2,315.2	2,454.1	2,613.6	2,431.0	10,892.8
<b><u>OPERATING IMPACT</u></b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Wastewater

TITLE: Sewer Oversizing

DESCRIPTION: City's share of oversizing sewer facilities.

NEED: Necessary to ensure that sewer lines will be sized according to the Master Plan. Developers are responsible for line sizes needed to serve the development. Without oversize funding, proper line sizes will not be installed and parallel lines will be needed later at a much greater expense.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction	1,045.0	1,097.2	1,157.6	1,227.0	1,215.5	7,049.1
Other						
Total	\$ 1,045.0	\$ 1,097.2	\$ 1,157.6	\$ 1,227.0	\$ 1,215.5	\$ 7,049.1
<b>FUNDING SOURCES</b>						
1989 Revenue Bond/						
Current Revenue	\$ 1,045.0	\$ 1,097.2	\$ 1,157.6	\$ 1,227.0	\$ 1,306.8	\$ 5,833.6
Unfunded						
Total	\$ 1,045.0	\$ 1,097.2	\$ 1,157.6	\$ 1,227.0	\$ 1,215.5	\$ 1,215.5
<b>OPERATING IMPACT</b>						
Expense						
Revenue						



## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Wastewater

TITLE: Shea Relief Sewer - 124th Street to 126th Street

DESCRIPTION: Construction of 1,320 LF of 12" pipe.

NEED: Needed to relieve a bottleneck. Will be installed before Shea Boulevard improvements are made.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	11.0					11.0
Construction		104.2				104.2
Other						
<b>Total</b>	<b>\$ 11.0</b>	<b>\$ 104.2</b>	<b>\$ 104.2</b>	<b>\$</b>	<b>\$</b>	<b>\$ 115.2</b>
<b>FUNDING SOURCES</b>						
Current Revenue	\$ 11.0	\$ 104.2	\$ 104.2	\$	\$	\$ 115.2

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater

**PROGRAM:** Wastewater

**TITLE:** Shea Relief Sewer - 130th Street to 138th Street

**DESCRIPTION:** Construction of 1,320 LF of 8" pipe from 136th Street to 138th Street; 1,320 LF of 10" pipe from 134th Street to 136th Street; and 2,640 LF of 12" pipe from 130th Street to 134th Street.

**NEED:** Needed to relieve a bottleneck. Will be installed before Shea Boulevard improvements are made.

## FISCAL SUMMARY

(In Thousands of Dollars)

<u>PROJECT COSTS</u>	<u>PRIOR YEARS</u>	1990-91	1991-92	1992-93	1993-94	1994-95	<u>TOTAL</u>
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design		27.4					27.4
Construction				435.6			435.6
Other							
<b>Total</b>	\$	\$ 27.4	\$	\$ 435.6	\$	\$	\$ 463.0
<u>FUNDING SOURCES</u>							
Current Revenue	\$	\$ 27.4	\$	\$ 435.6	\$	\$	\$ 463.0

OPERATING IMPACT

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water /Wastewater

PROGRAM: Wastewater

TITLE: Subregional WWTP Land Purchase

DESCRIPTION: Purchase of land for future subregional plant.

NEED: The need for a subregional WWTP in the northwest part of the City has been identified as a need by 1996. The purchase of land is wise to avoid further price escalation.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 3,620.9	\$	\$	\$	\$	\$ 3,620.9
Design							
Construction							
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 3,620.9</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,620.9</b>
<b>FUNDING SOURCES</b>							
1989 Revenue Bond/							
Current Revenue	\$	\$ 3,620.9	\$	\$	\$	\$	\$ 3,620.9
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Water /Wastewater

PROGRAM: Wastewater

TITLE: Troon Village Wastewater Reclamation Plant

DESCRIPTION: Contractual obligation resulting from design and construction of a 350,000 gallon per day (GPD) wastewater reclamation plant on the Pinnacle Peak Village East development to provide effluent for irrigation of the Troon Village Golf Course and other landscaped areas.

NEED: The plant was constructed in FY 1986-87 by the developer of Pinnacle Peak Village East and ownership subsequently transferred to the City. By a Council-approved agreement the City must rebate to the developer sewer development fees equivalent to that number of residential and commercial units required to generate 350,000 GPD of influent for treatment by the plant as build-out occurs. The developer is obligated to purchase up to 350,000 GPD of effluent as it is available from the City-owned and operated plant to irrigate the golf course and other landscaped areas.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction		315.3	225.3	189.0	147.4	32.5	1,106.0
Other		\$	\$	\$	\$	\$	\$
Total	\$	\$ 315.3	\$ 225.3	\$ 189.0	\$ 147.4	\$ 32.5	\$ 1,106.0
<b>FUNDING SOURCES</b>							
Current Revenue	\$	\$ 315.3	\$ 225.3	\$ 189.0	\$ 147.4	\$ 32.5	\$ 1,106.0

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Water/Wastewater

**PROGRAM:** Wastewater

**TITLE:** WTP Associated Collection System

**DESCRIPTION:** Design and construction of collection and pumping facilities required to intercept and convey sewer flows to the proposed regional wastewater reclamation plant in north central Scottsdale.

**NEED:** Essential to collect and divert sewage flows to the Regional Reclamation Plant.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design			1,472.5		1,472.5
Construction			2,392.7	12,349.3	14,742.0
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,865.2</b>	<b>\$12,349.3</b>	<b>\$ 16,214.5</b>
<b>FUNDING SOURCES</b>					
1989 Revenue Bond/					
Current Revenue	\$	\$	\$ 3,865.2	\$12,349.3	\$ 16,214.5

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Water/Wastewater

PROGRAM: Wastewater

TITLE: 91st Avenue WWTP Expansion

DESCRIPTION: The City's contractual obligation for capital expansion of 91st Avenue Wastewater Treatment Plant.

NEED: Needed to complete our share of the current expansion project per multi-City agreement #22699.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	209.0	347.3	613.5	653.4	500.0	2,652.4
Construction						
Other						
<b>Total</b>	<b>\$ 209.0*</b>	<b>\$ 347.3</b>	<b>\$ 613.5</b>	<b>\$ 653.4</b>	<b>\$ 500.0</b>	<b>\$ 2,652.4</b>
<b>FUNDING SOURCES</b>						
Current Revenue	\$ 209.0	\$ 347.3	\$ 613.5	\$ 653.4	\$	\$ 2,152.4
Unfunded					500.0	500.0
<b>Total</b>	<b>\$ 209.0</b>	<b>\$ 347.3</b>	<b>\$ 613.5</b>	<b>\$ 653.4</b>	<b>\$ 500.0</b>	<b>\$ 2,652.4</b>

**OPERATING IMPACT**

Expense  
Revenue

\* Represents 1989-90 FY budget only. Original agreement to participate in this treatment plant was signed in 1961.

Community Facilities

## COMMUNITY FACILITIES COST SUMMARY

### PROGRAM SUMMARY

	(In Thousands of Dollars)				Total
	1990-91	1991-92	1992-93	1993-94	1994-95
Parks	\$1,241.0	\$265.1	\$2,417.3	\$9,040.7	\$8,021.0
Recreation	455.3		429.5		
Libraries	1,168.6	12,488.4			220.0
Specialty Areas	14,346.1	8,172.5	115.0	252.7	108.0
<b>Total</b>	<b>\$17,211.0</b>	<b>\$20,926.0</b>	<b>\$2,961.8</b>	<b>\$9,293.4</b>	<b>\$8,349.0</b>
					<b>\$20,985.1</b>
					<b>884.8</b>
					<b>13,877.0</b>
					<b>22,994.3</b>
					<b>\$58,741.2</b>

### FISCAL SUMMARY

	(In Thousands of Dollars)				Total
	1990-91	1991-92	1992-93	1993-94	1994-95
<b>FUNDING SOURCES</b>					
MPC Bonds	\$3,020.4	\$3,027.1			
6% General Obligation Bonds	1,865.2				
20% General Obligation Bonds	5,110.5	17,588.9	3,970.6	9,421.8	
20% General Obligation Bonds, Series A, 01/90	1,661.4				
Lease Revenues	330.4	150.4	147.2	222.2	
Downtown Properties Trusts		2,778.2			
Reimbursements			568.0		
Water Fund	90.9	105.6	115.0	125.4	108.0
Advancements/Reimbursements	5,132.2	(2,724.2)	(1,839.0)	(569.0)	
Unfunded				93.0	
<b>Total</b>	<b>\$17,211.0</b>	<b>\$20,926.0</b>	<b>\$2,961.8</b>	<b>\$9,293.4</b>	<b>\$8,349.0</b>
					<b>\$58,741.2</b>
<b>OPERATING IMPACT</b>					
Expense	\$3.9	\$109.0	\$656.2	\$1,236.7	\$1,590.5
Revenue		64.5	136.0	160.5	170.0
					<b>\$3,596.3</b>
					<b>531.0</b>



# PROJECT LISTING

## PARKS

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
154	Cholla Park - New Park	\$ 888.8	\$	\$	\$	\$ 1,700.0	\$ 888.8
155	Desert Mountain Park						1,700.0
156	Eldorado Park Improvements	61.5		147.2			208.7
157	Horizon Park - New Park			368.1	4,639.1		5,007.3
158	Mescal Park Improvements				130.7		130.7
159	McCormick Park - Building Remodel	137.2					137.2
160	McDowell Mountain Park				93.0	1,458.6	1,551.6
161	Pinnacle Peak Park					972.4	972.4
162	Pinnacle Peak Village Park		120.4			3,890.0	3,890.0
163	Puite Homes - New Park			981.6			981.6
164	Rio Montana - New Park	43.9		245.4			289.3
165	Scottsdale Ranch Park Improvements			552.2	2,779.6		3,331.8
166	Stonegate Park - New Park				914.8		914.8
167	Upgrade Sprinkler Systems	109.7	115.8	122.7	130.7		478.9
168	Vista del Camino Park Improvements		28.9		352.8		381.8
	TOTAL PARKS	\$ 1,241.0	\$ 265.1	\$ 2,417.3	\$ 9,040.7	\$ 8,021.0	\$ 20,985.1

## RECREATION

169	Ballfield Improvements	345.6					345.6
170	Playground Equipment Replacement	109.7					109.7
165	Scottsdale Ranch Park Senior Center			429.5			429.5
	TOTAL RECREATION	\$ 455.3	\$	\$ 429.5	\$	\$	\$ 884.8

# PROJECT LISTING

## LIBRARIES

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
171	Arabian Library	\$ 438.9	\$	\$	\$	\$ 220.0	\$ 220.0
172	ATLAS System Upgrade	729.7	11,272.7				438.9
173	Civic Center Library Expansion		1,215.7				12,002.4
174	Palomino Library						1,215.7
	<b>TOTAL LIBRARIES</b>	<b>\$ 1,168.6</b>	<b>\$12,488.4</b>	<b>\$</b>	<b>\$</b>	<b>\$ 220.0</b>	<b>\$ 13,877.0</b>

### SPECIALTY AREAS

175	Art in Public Places	\$ 90.9	\$ 225.6	\$ 115.0	\$ 252.7	\$ 108.0	\$ 792.2
176	Bikepath Corrections	109.7					109.7
177	Canal Bank Improvements	3,020.4	3,027.1				6,047.5
178	Civic Center Mall Bicycle Facilities	71.3					71.3
179	Civic Center Mall Restroom	87.8					87.8
180	Downtown Parking Lots		2,778.2				2,778.2
181	Downtown Streetscape Improvement Districts City Participation	1,755.6					1,755.6
182	Indian Bend Wash Bicycle Path	274.3	2,141.6				2,415.9
183	Multi-Use Sports & Cultural Facilities	7,948.5					7,948.5
184	Sidewalk Corrections	109.7					109.7
185	Special District Streetscape Improvements Streetlights	877.8					877.8
	<b>TOTAL SPECIALTY AREAS</b>	<b>\$14,346.0</b>	<b>\$ 8,172.5</b>	<b>\$ 115.0</b>	<b>\$ 252.7</b>	<b>\$ 108.0</b>	<b>\$ 22,994.3</b>

### TOTAL COMMUNITY FACILITIES

	<b>TOTAL COMMUNITY FACILITIES</b>	<b>\$17,211.0</b>	<b>\$20,926.0</b>	<b>\$ 2,961.8</b>	<b>\$ 9,293.4</b>	<b>\$ 8,349.0</b>	<b>\$ 58,741.2</b>
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## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Parks

TITLE: Cholla Park - New Park

DESCRIPTION: This project will consist of design and full development of a 15-acre park which will include lighted soccer fields, tennis courts, volleyball courts, and restroom/control building. The project will also include all site development.

NEED: Cholla Park is a park/school site and is located next to Anasazi School. The developer has donated \$14,500 per acre toward the park for initial development.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design	94.0				94.0
Construction	888.8				888.8
Other					
<b>Total</b>	<b>\$ 94.0</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 982.8</b>
<b>FUNDING SOURCES</b>					
1989 20% G.O. Bond	\$ 94.0	\$ 888.8	\$	\$	\$ 982.8

OPERATING IMPACT  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Parks

TITLE: Desert Mountain Park

DESCRIPTION: Design and construct multi-purpose library, recreation building, ramada, trails, sports facilities, and parking in an area north of the intersection of Pima and Cave Creek Roads.

NEED: This 18 acre park site is to be dedicated by the developer. Population projections indicate that public use facilities will be needed by 1995.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design				240.0	240.0
Construction				1,460.0	1,460.0
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,700.0</b>
<b>FUNDING SOURCES</b>					
Unfunded	\$	\$	\$	\$	\$ 1,700.0
<b>OPERATING IMPACT</b>					
Expense	\$	\$	\$	\$	\$ 30.0*
Revenue					18.0*

\* Assumes partial year



## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Parks

TITLE: Horizon Park - New Park

DESCRIPTION: In the area of 92nd Street and Raintree, design and construct a lighted four-field softball complex, community center, concession stand, picnic areas, maintenance facilities, children's playground, court areas, parking facilities, turf, and trees.

NEED: Twenty-four acres have been donated by the developer. The approved zoning for this area indicates it will be the highest density in the City. Studies show the need for additional lighted athletic facilities as well as community service facilities.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design				368.1			368.1
Construction					4,639.1		4,639.1
Other							
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 368.1</b>	<b>\$ 4,639.1</b>	<b>\$ 5,007.2</b>	<b>\$ 5,007.2</b>
<b>FUNDING SOURCES</b>							
Developer Contribution	\$	\$	\$	350.0	\$	\$	\$ 350.0
1989 20% G.O. Bond				18.1	4,639.1		4,657.2
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 368.1</b>	<b>\$ 4,639.1</b>	<b>\$ 5,007.2</b>	<b>\$ 5,007.2</b>
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$	\$	\$ 216.0	\$ 451.0	\$ 667.0
Revenue							

## PROJECT SUMMARY

PROGRAM: Parks

CATEGORY: Community Facilities

TITLE: Mescal Park Improvements

DESCRIPTION: Construct restrooms, picnic ramada, and parking facilities.

NEED: Mescal Park is a 10-acre site located off of Mescal Road at 68th Street north of Shea Boulevard. The Park plays a major detention role in the flood control plan. The flood control features are complete but the park lacks necessary amenities to make it practical for use.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95
Land/ROW Acq	\$	\$	\$	\$	\$
Design				8.0	8.0
Construction				122.7	122.7
Other					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 130.7</b>	<b>\$ 130.7</b>
<b><u>FUNDING SOURCES</u></b>					
Lease Funds	\$	\$	\$	\$ 130.7	\$ 130.7
<b><u>OPERATING IMPACT</u></b>					
Expense	\$	\$	\$	\$ 1.5	\$ 3.0
Revenue					4.5

## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Parks

TITLE: McCormick Park - Building Remodel

DESCRIPTION: The original McCormick Ranch bunkhouse has been used as a public display and area for a variety of toy train clubs. This project will dismantle and rebuild the wooden portions as well as add a new shade structure.

NEED: The present structure is ridden with termites and is in danger of collapsing because of the well site under the building. Spraying has not been an option.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction		137.2					137.2
Other							
<b>Total</b>	\$	\$ 137.2	\$	\$	\$	\$	\$ 137.2
<u>FUNDING SOURCES</u>							
Lease Funds	\$	\$ 137.2	\$	\$	\$	\$	\$ 137.2
<u>OPERATING IMPACT</u>							
Expense							
Revenue							





## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Parks

TITLE: Pinnacle Peak Park

DESCRIPTION: Develop 185 acre park at Jomax and Alma School Roads including improvements such as hiking and riding trails, interpretive areas, ramadas, restrooms, parking lots, and meeting rooms.

NEED: This park site will be dedicated as part of a state land purchase and will be a major attraction for hiking, climbing, and outdoor activities. Pinnacle Peak Mountain is heavily used at this time and requires some public amenities although the park will remain in its native condition for the most part.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design					88.0	88.0
Construction					884.4	884.4
Other						
Total	\$	\$	\$	\$	\$ 972.4	\$ 972.4
<u>FUNDING SOURCES</u>						
Unfunded	\$	\$	\$	\$	\$ 972.4	\$ 972.4
<u>OPERATING IMPACT</u>						
Expense	\$	\$	\$	\$	\$ 7.0*	\$ 7.0
Revenue						

\* Assumes partial year

## PROJECT SUMMARY

CATEGORY: Community Facilities PROGRAM: Parks

TITLE: Pinnacle Peak Village Park

DESCRIPTION: Develop 34 acre community center park at Pinnacle Vista Drive and Alma School Road including recreation building, lighted ballfields, tennis courts, restrooms, and landscaping.

NEED: This park site will be dedicated as part of a state land purchase. It is estimated that sufficient population will exist in the area by 1995 to support the development of the site.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	
Design					260.0		260.0
Construction					3,630.0		3,630.0
Other							
<b>Total</b>	\$	\$	\$	\$	\$ 3,890.0	\$ 3,890.0	\$ 3,890.0
<b>FUNDING SOURCES</b>							
Unfunded	\$	\$	\$	\$	\$ 3,890.0	\$ 3,890.0	\$ 3,890.0
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$	\$	\$	\$ 30.0*	30.0
Revenue						18.0*	18.0

\* Assumes partial year

## PROJECT SUMMARY

**CATEGORY:** Community Facilities      **PROGRAM:** Parks

**TITLE:** Pulte Homes - New Park

**DESCRIPTION:** Construct a new park at 102nd Street and Thunderbird. The project will include grounds development and construction of recreational facilities, including restroom, control building, parking areas, playfields, and playground.

**NEED:** Pulte Homes, Inc., donated the 10-acre site. Construction of facilities is needed to meet the needs of the rapidly developing community area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design			120.4				120.4
Construction				981.6			981.6
Other							
<b>Total</b>	\$	\$	\$ 120.4	\$ 981.6	\$	\$	\$ 1,102.0
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$	\$ 120.4	\$ 981.6	\$	\$	\$ 1,102.0
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$	\$ 24.0	\$ 44.5	\$ 50.0	\$ 118.5
Revenue							

## PROJECT SUMMARY

PROGRAM: Parks

CATEGORY: Community Facilities

TITLE: Rio Montana - New Park

DESCRIPTION: Full development of a 15-acre park site near 136th Street and Shea Boulevard including site development, utilities, sport facilities, restrooms, and children's play area.

NEED: The site has been donated by the developer. Residential construction in the area will warrant the construction of the park in the latter phases of the five-year plan.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design			245.4		245.4
Construction				2,779.6	2,779.6
Other					
<b>Total</b>	\$	\$	\$ 245.4	\$ 2,779.6	\$ 3,025.0
<b>FUNDING SOURCES</b>					
Developer Contribution	\$	\$	\$ 218.0	\$	\$ 218.0
1989 20% G.O. Bond			27.4	2,779.6	2,807.0
<b>Total</b>	\$	\$	\$ 245.4	\$ 2,779.6	\$ 3,025.0
<b>OPERATING IMPACT</b>					
Expense	\$	\$	\$	\$ 25.5	\$ 53.0
Revenue					78.5



## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Parks

TITLE: Stonegate Park - New Park

DESCRIPTION: Design and construct a new 18-acre park at 120th Street south of Shea Boulevard, including site development, trails, parking facilities, community rooms, restrooms, play areas, court facilities, turf, and trees.

NEED: The park has been donated. Demographic projections suggest the Park will need to be constructed in the latter part of the five year plan.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design				91.5		91.5
Construction				823.3		823.3
Other						
<b>Total</b>	\$	\$	\$	\$ 914.8	\$	\$ 914.8
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$	\$	\$	\$ 914.8	\$	\$ 914.8
<b>OPERATING IMPACT</b>						
Expense	\$	\$	\$	\$ 38.0	\$	\$ 79.5
Revenue						117.5

## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Parks

TITLE: Upgrade Sprinkler Systems

DESCRIPTION: Design fees to develop methods for improving water accounting and applications on all sprinkler irrigated City parks and construction of recommended systems throughout over a five year period.

NEED: The new water conservation laws will make it mandatory that the City upgrade its methods of water applications on the parks as well as methods of measuring the amount used. This program proposes to budget \$100,000 per year until all of the park sprinklers have been upgraded. If this program is delayed, the City will fall behind the mandated schedule of monitoring water consumption and upgrading water systems which has been set by the Department of Water Resources.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	104.5					104.5
Construction	109.7	115.8	122.7	130.7		478.9
Other						
<b>Total</b>	<b>\$ 104.5</b>	<b>\$ 115.8</b>	<b>\$ 122.7</b>	<b>\$ 130.7</b>	<b>\$</b>	<b>\$ 583.4</b>
<b>FUNDING SOURCES</b>						
Lease Funds	\$	\$	\$	\$	\$	\$
1989 20% G.O. Bond	126.5	115.8	122.7	130.7		495.7
<b>Total</b>	<b>\$ 126.5</b>	<b>\$ 115.8</b>	<b>\$ 122.7</b>	<b>\$ 130.7</b>	<b>\$</b>	<b>\$ 583.4</b>
<b>OPERATING IMPACT</b>						
Expense						
Revenue						



## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Parks

TITLE: Vista del Camino Park Improvements

DESCRIPTION: Repair the spillway at McKellips Lake, construct a concrete (rip rap) border around McKellips Lake to prevent erosion, add a large picnic ramada, and complete the bike trail on the west side of the Park.

NEED: These projects are needed in order to reduce maintenance, improve park appearance, and enhance the public's use.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design				65.0		65.0
Construction		28.9		287.8		316.7
Other						
<b>Total</b>	\$	\$ 28.9	\$	\$ 352.8	\$	\$ 381.7
<b>FUNDING SOURCES</b>						
Lease Funds	\$	\$ 28.9	\$	\$ 91.5	\$	\$ 120.4
1989 20% G.O. Bond				261.3		261.3
<b>Total</b>	\$	\$ 28.9	\$	\$ 352.8	\$	\$ 381.7
<b>OPERATING IMPACT</b>						
Expense						
Revenue						

## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Recreation

TITLE: Ballfield Improvements

DESCRIPTION: Replace the lighting system at Yavapai Park, replace old light systems at Pima School, and add light systems to Laguna, Cocopah, and Mohave Schools. Light northwest soccer field at Chaparral Park.

NEED: The system at Yavapai is old and outdated while the system at Pima is a potential hazard. The addition of lights at school fields will accommodate many youth sports programs which need fields badly. Fences at the parks will upgrade the facilities and make them eligible for tournament play.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	11.0					11.0
Construction	334.6					334.6
Other						
<b>Total</b>	<b>\$ 345.6</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 345.6</b>
<b>FUNDING SOURCES</b>						
Lease Funds	\$ 121.5	\$	\$	\$	\$	\$ 121.5
1989 20% G.O. Bond	243.2					224.1
<b>Total</b>	<b>\$ 345.6</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 345.6</b>
<b>OPERATING IMPACT</b>						
Expense	\$	\$ 2.7*	\$ 5.8	\$ 6.0	\$ 6.3	\$ 24.7
Revenue						

\* Assumes partial year

## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Recreation

TITLE: Playground Equipment Replacement

DESCRIPTION: Replace swing sets, slides, climbing apparatus, merry-go-round, and other miscellaneous play equipment at Eldorado, Chesnutt, Pima, Paiute, and Agua Linda Parks.

NEED: Playground equipment at these areas is over 15 years old - requires constant maintenance and replacement parts. Some equipment has been removed due to being a safety hazard and has not been replaced. Last year, the Park had 584,000 participants causing considerable wear and tear on equipment.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction					
Other	109.7				109.7
<b>Total</b>	<b>\$ 109.7</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 109.7</b>
<b>FUNDING SOURCES</b>					
1989 20% G.O. Bond	\$ 109.7	\$	\$	\$	\$ 109.7

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

**CATEGORY:** Community Facilities

**PROGRAM:** Libraries

**TITLE:** Arabian Library

**DESCRIPTION:** Purchase books for neighborhood 10,000 square foot library on developer-donated site at Pima Road and Union Hills to meet library service needs of three mile radius population of 19,200. Book collection of 25,000 volumes is planned.

**NEED:** Sufficient population growth to support this library is projected by 1995. Construction will occur in future years at an estimated current dollar cost of \$2.1 million.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design					
Construction					
Other (Books)					220.0
<b>Total</b>	\$	\$	\$	\$	220.0
<b>FUNDING SOURCES</b>					
Unfunded	\$	\$	\$	\$	220.0

**OPERATING IMPACT**  
Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Libraries

TITLE: ATLAS System Upgrade

DESCRIPTION: This project will provide equipment upgrades for the central processing unit and disk drives. The ATLAS system is the computer program which operates the entire Library.

NEED: ATLAS hardware is five years old. It is at capacity now. Patrons are beginning to have long waiting periods between screens as they attempt to access the catalog. Staff loses efficiency as they wait to enter new titles into the collection. The upgrades will provide for key word and Boolean searching, be more powerful, and be able to handle planned expansions in the library system.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction						
Other						438.9
Total	\$ 438.9	\$ 438.9	\$ 438.9	\$ 438.9	\$ 438.9	\$ 438.9
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$ 438.9	\$	\$	\$	\$	\$ 438.9
<b>OPERATING IMPACT</b>						
Expense	\$	\$ 14.0	\$ 14.7	\$ 15.5	\$ 16.3	\$ 17.0
Revenue						\$ 77.5

## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Libraries

TITLE: Civic Center Library Expansion

DESCRIPTION: Construct the final phase of the planned expansion. This phase would add 52,000 square feet of space for additional book shelves, public reading areas, a new children's area, a public auditorium, and a technical work area.

NEED: The current book collection will exceed the building capacity of 225,000 this fiscal year. The recommended seating capacity for cities our size is 650. We currently provide 480 between our two libraries. The current children's area is crowded and noise disturbs other patrons. An auditorium is needed for author lectures, book discussions, travel series, and children's programming. The Technical Services function is now performed in a separate building and needs to be in the main library for efficiency purposes.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS				TOTAL
	1990-91	1991-92	1992-93	1993-94	
Land/ROW Acq	\$	\$	\$	\$	\$
Design	\$ 729.7				729.7
Construction		11,272.7			11,272.7
Other					
<b>Total</b>	<b>\$ 729.7</b>	<b>\$ 11,272.7</b>	<b>\$</b>	<b>\$</b>	<b>\$ 12,002.4</b>
<b>FUNDING SOURCES</b>					
1989 20% G.O. Bond	\$ 113.0	\$ 616.7	\$ 11,272.7	\$	\$ 12,002.4
<b>OPERATING IMPACT</b>					
Expense	\$	\$	\$ 205.0	\$ 215.0	\$ 225.0
Revenue					\$ 645.0

## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Libraries

TITLE: Palomino Library

DESCRIPTION: This plan proposes a joint venture with the Scottsdale School District at its newest high school site at 124th Street and Via Linda. The school district would construct the 18,000 square foot building and the City would complete the furnishings (book shelves, desks, chairs, phone system, computer system, set-up supplies), and provide the book and periodical collection.

NEED: This is a unique opportunity to save the taxpayer money. Normally, the high school would have its library and the City would build an additional one. In this case, the high school is located exactly where demographics indicate the need for a public facility. By cooperating in this joint venture, everyone wins. Maricopa County Library District funds will be used to begin purchasing the book collection in FY 1990-91.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other			1,215.7				1,215.7
<b>Total</b>	\$	\$	\$	\$	\$	\$	\$
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$	\$	\$	\$	\$	\$
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$	\$	\$	\$	\$
Revenue				221.5	480.4	502.0	1,203.9
				17.5	20.0		37.5

## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Specialty Areas

TITLE: Art in Public Places

DESCRIPTION: City's allocation of 1% of current revenue funded capital projects as required by City ordinance. Additional allocation of 1% of the capital cost of new public buildings.

NEED: Scottsdale's history demonstrates a consistent commitment to arts and cultural affairs. This expanded commitment to the "Arts In Public Places" program is supplemented through environmental art included in the capital budgets of specific projects included in the total program.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction						
Other	371.3	225.6	115.0	252.7	108.0	1,163.5
Total	\$ 371.3*	\$ 225.6	\$ 115.0	\$ 252.7	\$ 108.0	\$ 1,163.5
<b>FUNDING SOURCES</b>						
1989 20% G.O. Bond	\$	\$	\$	\$	\$	\$
Water/Wastewater Fund	13.1	120.0	115.0	127.3	108.0	260.4
Current Revenue	31.2	105.6	115.0	125.4	108.0	576.1
Total	\$ 327.0	\$ 225.6	\$ 115.0	\$ 252.7	\$ 108.0	\$ 327.0
<b>OPERATING IMPACT</b>						
Expense						
Revenue						
* Implemented in FY 1986-87						





## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Specialty Areas

TITLE: Canal Bank Improvements - Scottsdale Road to 70th Street

DESCRIPTION: Improvements to canal banks to supplement private projects in area. Includes undergrounding utilities, structural modifications, landscaping, paving and other design treatments, safety provisions, furniture, lighting, pedestrian bridge, and other amenities, design and engineering.

NEED: Private development is beginning to take place along the canal in downtown in response to the Scottsdale Canal Bank Study. These improvements would complete the balance of improvements for this area and create an important amenity and attraction.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design	\$	340.0					340.0
Construction		3,020.4	3,027.1				6,047.5
Other							
<b>Total</b>	\$	\$ 3,020.4	\$ 3,027.1	\$	\$	\$	\$ 6,387.5
<b>FUNDING SOURCES</b>							
Hotel/Motel Tax	\$	\$	\$	\$	\$	\$	\$ 150.0
MPC Bond	\$	3,020.4	3,027.1				6,237.5
<b>Total</b>	\$	\$ 3,020.4	\$ 3,027.1	\$	\$	\$	\$ 6,387.5
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$ 86.0	\$ 181.5	\$ 190.5	\$ 200.0	\$ 658.0
Revenue			64.5	136.0	143.0	150.0	493.5

## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Speciality Areas

TITLE: Civic Center Mall Bicycle Facilities

DESCRIPTION: Build a bicycle link along Second Street consisting of a bicycle lane and a bicycle path, connecting the Indian Bend Wash path with the Scottsdale Civic Center Mall. Includes bicycle storage in the vicinity of the Civic Center parking structure.

NEED: Provides a bicycle connection between downtown and the path along Indian Bend Wash. Both bicycle commuters and recreational cyclists will benefit from this needed link to the heart of downtown. Cyclists will be able to park their bicycles close to the Civic Center parking structure.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design		6.0					6.0
Construction		65.3					65.3
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 71.3</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 71.3</b>
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$ 71.3	\$	\$	\$	\$	\$ 71.3

### OPERATING IMPACT

Expense  
Revenue

## PROJECT SUMMARY

CATEGORY: Community Facilities PROGRAM: Specialty Area

TITLE: Civic Center Mall Restroom

DESCRIPTION: Design and construct a restroom between the City Hall and Library.

NEED: With the expansion of the Mall area and the activities being conducted by the Cultural Council, the need for additional restroom facilities has become apparent.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design		6.0					6.0
Construction		81.8					81.8
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 87.8</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 87.8</b>
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	\$ 87.8	\$	\$	\$	\$	\$ 87.8
<b>OPERATING IMPACT</b>							
Expense	\$	1.2	\$ 2.5	\$ 2.7	\$ 2.8	\$ 2.9	\$ 12.1
Revenue							

## PROJECT SUMMARY

CATEGORY: Community Facilities      PROGRAM: Speciality Areas

TITLE: Downtown Parking Lots

DESCRIPTION: Complete the acquisition of two sites in downtown for future construction of parking structures. Install improvements for interim use as public parking lots.

NEED: Expansion of an existing site at Brown and Second Streets and the acquisition of a new site at Goldwater Boulevard and Third Avenue have been identified as sites for future parking structures in the Downtown Parking Report. Total cost is \$3,100,000. Funds are currently budgeted in the amount of \$700,000 for this project.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$ 3,276.0	\$	\$	\$	\$ 3,276.0
Design			28.0				28.0
Construction			174.2				174.2
Other			(700.0)				(700.0)
Total	\$	\$	\$ 2,778.2	\$	\$	\$	\$ 2,778.2
<b>FUNDING SOURCES</b>							
Downtown Properties	\$	\$	\$ 2,778.2	\$	\$	\$	\$ 2,778.2
Trust							
<b>OPERATING IMPACT</b>							
Expense							
Revenue							

## PROJECT SUMMARY

CATEGORY: Community Facilities

PROGRAM: Specialty Areas

TITLE: Downtown Streetscape Improvement Districts - City Participation

DESCRIPTION: Streetscape improvement and beautification of downtown's specialty areas with the installation of new paving, landscaping, signage, and street furniture in a program of cost sharing with downtown property owners through the use of the improvement district mechanism.

NEED: Downtown's specialty retail districts are a vital part of the City's identity and a valuable source of City income. Property owners of the Old Scottsdale, West Main, Marshall Way, and Fifth Avenue areas have participated in a design program which has identified needed streetscape improvements and are taking action to form improvement districts to share with the City the cost of this beautification program.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other		1,755.6					1,755.6
<b>Total</b>	\$	\$ 1,755.6	\$	\$	\$	\$	\$ 1,755.6
<u>FUNDING SOURCES</u>							
1989 6% G.O. Bond	\$	\$ 1,755.6	\$	\$	\$	\$	\$ 1,755.6
<u>OPERATING IMPACT</u>							
Expense							
Revenue							



## PROJECT SUMMARY

**CATEGORY:** Community Facilities      **PROGRAM:** Specialty Areas

**TITLE:** Multi-Use Sports and Cultural Facilities

**DESCRIPTION:** Construct a 7,000 seat multi-use facility including grandstands, lights, locker/shower rooms, offices, training rooms, press room, restrooms, and concessions. Includes demolition of existing facility at Civic Center Boulevard and Osborn Road. Also includes adding training areas, coach's offices, and observation areas at Indian School Park.

**NEED:** The current facility is inadequate. It lacks sufficient seating, restrooms, concession areas, and offices. The probability of retaining a major league baseball team would be questionable unless this work is done.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$		\$	\$	\$	\$	
Design	\$	456.0					456.0
Construction		7,948.5					7,948.5
Other							
<b>Total</b>	<b>\$</b>	<b>\$ 7,948.5</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 8,404.5</b>
<b>FUNDING SOURCES</b>							
1989 20% G.O. Bond	\$	1,433.9	\$ 1,838.3	\$ 2,724.2	\$ 1,839.0	\$ 569.0	\$ 8,404.5
Advancement/							
Reimbursement		5,132.2	(2,724.2)	(1,839.0)	(569.0)		0.0
<b>Total</b>	<b>\$</b>	<b>\$ 6,970.5</b>	<b>\$ 0.0</b>	<b>\$ 0.0</b>	<b>\$ 0.0</b>	<b>\$ 0.0</b>	<b>\$ 8,404.5</b>
<b>OPERATING IMPACT</b>							
Expense							
Revenue							



## PROJECT SUMMARY

CATEGORY: Community Facilities PROGRAM: Specialty Areas

TITLE: Sidewalk Corrections

DESCRIPTION: Provide needed sidewalk corrections.

NEED: This fund will enable the City to correct sidewalk problems on an as-needed basis.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction	100.0	109.7					209.7
Other							
<b>Total</b>	<b>\$ 100.0</b>	<b>\$ 109.7</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 209.7</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond	\$	100.0	\$	\$	\$	\$	209.7

**OPERATING IMPACT**

Expense  
Revenue



**Service Facilities**

## SERVICE FACILITIES COST SUMMARY

### PROGRAM SUMMARY

(In Thousands of Dollars)

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
Municipal Buildings Management Systems	\$410.0	\$	\$2,038.1	\$10,696.2	\$	\$13,144.3
		138.7				138.7
<b>Total</b>	<b>\$410.0</b>	<b>\$138.7</b>	<b>\$2,038.1</b>	<b>\$10,696.2</b>	<b>\$0.0</b>	<b>\$13,283.0</b>

### FISCAL SUMMARY

(In Thousands of Dollars)

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
<b>FUNDING SOURCES</b>						
Municipal Office Trust	\$250.0	\$	\$2,038.1	\$10,696.2	\$	\$12,984.3
Current Revenue	160.0					160.0
Unfunded		138.7				138.7
<b>Total</b>	<b>\$410.0</b>	<b>\$138.7</b>	<b>\$2,038.1</b>	<b>\$10,696.2</b>	<b>\$0.0</b>	<b>\$13,283.0</b>

### OPERATING IMPACT

Expense			\$222.0		\$232.5	\$454.5
Revenue	12.1	24.2	24.2	24.2	24.2	108.9

**PROJECT LISTING**  
**MUNICIPAL BUILDINGS**

<u>Page #</u>	<u>Project Title</u>	<u>1990/1991</u>	<u>1991/1992</u>	<u>1992/1993</u>	<u>1993/1994</u>	<u>1994/1995</u>	<u>Total</u>
189	Airport Flight Service						
	District Office Expansion	\$ 160.0	\$	\$	\$	\$	\$ 160.0
190	Purchasing Offices Expansion	\$ 250.0					250.0
191	Municipal Office Building/ Civic Center Campus			2,038.1	10,696.2		12,734.3
	<b>TOTAL MUNICIPAL BUILDINGS</b>	\$ 410.0	\$	\$ 2,038.1	\$10,696.2		\$ 13,144.3

**MANAGEMENT SYSTEMS**

192	Cache Disk Upgrade (Unysis 1100/92)	\$	\$ 138.7	\$	\$	\$	\$ 138.7
	<b>TOTAL SERVICE FACILITIES</b>	\$ 410.0	\$ 138.7	\$ 2,038.1	\$10,696.2	\$	\$ 13,283.0

## PROJECT SUMMARY

CATEGORY: Service Facilities      PROGRAM: Municipal Buildings

TITLE: Airport Flight Service District Office (FSDO) Expansion

DESCRIPTION: Expand the FSDO building from 5,930 square feet to 8,000 square feet.

NEED: The Federal Aviation Administration presently occupies this building and will expand their safety operations with 14 additional employees. Rental revenue will increase from \$43,800 per year to \$68,000 per year.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	10.0					10.0
Construction	150.0					150.0
Other						
Total	\$ 160.0	\$	\$	\$	\$	\$ 160.0
<b>FUNDING SOURCES</b>						
Current Revenue	\$ 160.0	\$	\$	\$	\$	\$ 160.0
<b>OPERATING IMPACT</b>						
Expense	\$	\$	\$	\$	\$	\$
Revenue (Increase)	12.1*	24.2	24.2	24.2	24.2	108.9

\* Assumes partial year



## PROJECT SUMMARY

CATEGORY: Service Facilities      PROGRAM: Municipal Buildings

TITLE:                    Municipal Office Building/Civic Center Campus

DESCRIPTION:    A municipal operations building on a 2 acre site to provide 60,000 sq. ft. of City office space and to include 270 underground parking spaces.

NEED:                The shortage of City building space is causing: 1) commercial leasing of space for City operations, 2) overcrowding of some operating departments, and 3) inappropriate building space assignments necessitated by expediency. This project will remedy current building space shortages and provide for the new near-term staff space needs in step with growth of City services.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$ 1,186.5	\$	\$	\$ 1,186.5
Design				851.6	147.6		999.2
Construction				9,069.2	9,069.2		9,069.2
Other - Furnishings				1,479.4	1,479.4		1,479.4
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,038.1</b>	<b>\$ 10,696.2</b>	<b>\$</b>	<b>\$ 12,734.3</b>
<b>FUNDING SOURCES</b>							
Municipal Office Trust	\$	\$	\$	\$ 2,038.1	\$ 10,696.2	\$	\$ 12,734.3
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$	\$	\$ 222.0	\$ 232.5	\$ 454.5
Revenue							



## PROJECT SUMMARY

**CATEGORY:** Service Facilities      **PROGRAM:** Management Systems

**TITLE:** Cache Disk Upgrade

**DESCRIPTION:** Cache Disk hardware upgrade for Unisys 100/92 system.

**NEED:** Optimize processing on the City's mainframe computer. This system currently has no backup in the event of failure. Without this upgrade, if the current Cache Disk unit fails, Mapper based applications cannot be accessed thereby affecting customer service levels.

## FISCAL SUMMARY

(In Thousands of Dollars)

<u>PROJECT COSTS</u>	<u>PRIOR YEARS</u>	1990-91	1991-92	1992-93	1993-94	1994-95	<u>TOTAL</u>
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other		138.7					138.7
<b>Total</b>	\$	\$ 138.7	\$	\$	\$	\$	\$ 138.7
 <u>FUNDING SOURCES</u>							
Unfunded	\$	\$ 138.7	\$	\$	\$	\$	\$ 138.7

OPERATING IMPACT  
Expense  
Revenue



## PUBLIC SAFETY COST SUMMARY

### PROGRAM SUMMARY

(In Thousands of Dollars)

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
Police	\$2,723.2	\$568.7	\$	\$	\$	\$3,291.9
Fire	1,377.0	364.6	67.5		610.0	2,419.1
<b>Total</b>	<b>\$4,100.2</b>	<b>\$933.3</b>	<b>\$67.5</b>	<b>\$0.0</b>	<b>\$610.0</b>	<b>\$5,711.0</b>

### FISCAL SUMMARY

(In Thousands of Dollars)

	1990-91	1991-92	1992-93	1993-94	1994-95	Total
<b>FUNDING SOURCES</b>						
6% General Obligation Bonds	\$2,739.0	\$933.3	\$67.5	\$	\$	\$3,739.8
6% General Obligation Bonds, Series A, 01/90 Unfunded	1,361.2				610.0	1,361.2 610.0
<b>Total</b>	<b>\$4,100.2</b>	<b>\$933.3</b>	<b>\$67.5</b>	<b>\$0.0</b>	<b>\$610.0</b>	<b>\$5,711.0</b>
<b>OPERATING IMPACT</b>						
Expense	\$78.5	\$691.5	\$1,332.0	\$1,717.5	\$1,795.5	\$5,615.0
Revenue						

# PROJECT LISTING

## POLICE

Page #	Project Title	1990/1991	1991/1992	1992/1993	1993/1994	1994/1995	Total
195	Automated Fingerprint Identification System	\$ 822.9	\$	\$	\$	\$	\$ 822.9
196	Police Training Facility	539.1	568.7				1,107.8
197	Trunked Voice Radio Communications System	1,361.1					1,361.1
	<b>TOTAL POLICE</b>	<b>\$ 2,723.2</b>	<b>\$ 568.7</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,291.9</b>

## FIRE

198	Fire Station - Vicinity of Alma School Road and Jonax Road	\$	\$	\$	\$	\$ 610.0	\$ 610.0
199	Fire Station - Carefree Ranch			67.5			67.5
200	Fire Station - Vicinity of Pima and Lone Mountain Roads		121.5				121.5
201	Fire Station - Vicinity of Pinnacle Peak and Pima Roads		179.4				179.4
202	Fire Station - Vicinity of Scottsdale Road and Shea Boulevard	548.6					548.6
203	Fire Station - Vicinity of 132nd Street and Shea Boulevard		63.7				63.7
204	Fire Training Facility	548.6					548.6
205	Relocate Fire Station #12 to Airport	60.3					60.3
206	Traffic Signal Interruption System	219.4					219.4
	<b>TOTAL FIRE</b>	<b>\$ 1,377.0</b>	<b>\$ 364.6</b>	<b>\$ 67.5</b>	<b>\$</b>	<b>\$ 610.0</b>	<b>\$ 2,419.1</b>
	<b>TOTAL PUBLIC SAFETY</b>	<b>\$ 4,100.2</b>	<b>\$ 933.3</b>	<b>\$ 67.5</b>	<b>\$</b>	<b>\$ 610.0</b>	<b>\$ 5,711.0</b>

## PROJECT SUMMARY

CATEGORY: Public Safety

PROGRAM: Police

TITLE: Automated Fingerprint Identification System (AFIS)

DESCRIPTION: Automated system for accessing records contained in local, regional, and state identification data bases to identify persons from latent prints discovered at crime scenes and to identify or verify the identities of persons in custody.

NEED: The AFIS system will provide effective law enforcement and crime prevention to the community through increased solution and reduction of crime. This system can reduce the time required for a latent cold search from 75 hours to approximately 52 seconds.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction						
Other	261.2	822.9				1,084.1
Total	\$ 261.2	\$ 822.9	\$	\$	\$	\$ 1,084.1
<u>FUNDING SOURCES</u>						
RICO Trust Fund	\$ 261.2	\$	\$	\$	\$	\$ 261.2
1989 6% G.O. Bond	822.9					822.9
Total	\$ 261.2	\$ 822.9	\$	\$	\$	\$ 1,084.1
<u>OPERATING IMPACT</u>						
Expense	\$	\$	\$ 179.5	\$ 188.5	\$ 198.0	\$ 207.0
Revenue						\$ 773.0

## PROJECT SUMMARY

CATEGORY: Public Safety

PROGRAM: Police

TITLE: Police Training Facility

DESCRIPTION: Remodeling of existing buildings, construction of an indoor firing range, and resurfacing of a track to be used for emergency vehicle operations and defensive driving classes.

NEED: Arizona Law Enforcement Officers' Advisory Council mandates that police officers periodically qualify with their service weapons. The Mesa Police range is currently used, but will no longer be available to the City after this year.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design	104.5					104.5
Construction	26.6	539.1	568.7			1,134.4
Other						
<b>Total</b>	<b>\$ 131.1</b>	<b>\$ 539.1</b>	<b>\$ 568.7</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,238.9</b>
<b>FUNDING SOURCES</b>						
RICO Trust Fund	\$ 131.1	\$	\$	\$	\$	\$ 131.1
1989 6% G.O. Bond	539.1	568.7				1,107.8
<b>Total</b>	<b>\$ 131.1</b>	<b>\$ 539.1</b>	<b>\$ 568.7</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,238.9</b>
<b>OPERATING IMPACT</b>						
Expense	\$	\$ 12.0	\$ 70.0	\$ 73.5	\$ 77.5	\$ 314.0
Revenue	\$	\$	\$	\$	\$	\$

## PROJECT SUMMARY

**CATEGORY:** Public Safety      **PROGRAM:** Police

**TITLE:** Trunked Voice Radio Communications System

**DESCRIPTION:** Installation of a new trunked radio communication system.

**NEED:** Deficiencies in our present voice communications system and the absence of additional voice radio frequencies in the present VHS spectrum have resulted in a need for conversion to a new voice/radio system in the UHF spectrum.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other		104.5					1,465.6
<b>Total</b>	<b>\$</b>	<b>\$ 1,361.1</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,465.6</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond	\$	\$	\$	\$	\$	\$	\$ 1,465.6
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$ 39.5	\$ 41.5	\$ 43.5	\$ 45.5	\$ 170.0
Revenue							

## PROJECT SUMMARY

CATEGORY: Public Safety

PROGRAM: Fire

**TITLE:** Fire Station - Vicinity of Alma School Road and Jomax

**DESCRIPTION:** Construct a new fire station in the vicinity of Alma School Road and Jomax for quick response to fire and medical emergencies.

**NEED:** Projected population and construction increases combined with a current extended average response time require the addition of a station in this location.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	305.0
Design						
Construction						305.0
Other						
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>610.0</b>
<b>FUNDING SOURCES</b>						
Unfunded	\$	\$	\$	\$	\$	610.0
<b>OPERATING IMPACT</b>						
Expense	\$	\$	\$	\$	\$	192.5*
Revenue						

\* Assumes partial year



## PROJECT SUMMARY

**CATEGORY:** Public Safety

**PROGRAM:** Fire

**TITLE:** Fire Station - Carefree Ranch

**DESCRIPTION:** Temporary fire station in the Carefree Ranch area for fire and emergency medical response.

**NEED:** The addition of a temporary fire station would provide quicker response time for fire and medical emergencies in the north Scottsdale area.

## FISCAL SUMMARY

(In Thousands of Dollars)

<u>PROJECT COSTS</u>	<u>PRIOR YEARS</u>	1990-91	1991-92	1992-93	1993-94	1994-95	<u>TOTAL</u>
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other				67.5			67.5
<b>Total</b>	\$	\$	\$	\$ 67.5	\$	\$	\$ 67.5
 <u>FUNDING SOURCES</u>							
1989 6% G.O. Bond	\$	\$	\$	\$ 67.5	\$	\$	\$ 67.5
 <u>OPERATING IMPACT</u>							
Expense	\$	\$	\$	\$	\$ 317.5	\$ 332.0	\$ 649.5
Revenue							

## PROJECT SUMMARY

**CATEGORY:** Public Safety

**PROGRAM:** Fire

**TITLE:** Fire Station - Vicinity of Pima and Lone Mountain Roads

**DESCRIPTION:** Relocation of the temporary fire station at Jomax and Pima Roads to a temporary fire station for fire and emergency medical response.

**NEED:** The addition of a temporary fire station in the vicinity of Pinnacle Peak and Pima Roads would allow the movement of the current temporary station which is located at Jomax and Pima Roads. This move would reduce response time and provide fire and emergency medical service to the area.

## FISCAL SUMMARY

(In Thousands of Dollars)

<u>PROJECT COSTS</u>	<u>PRIOR</u> <u>YEARS</u>	1990-91	1991-92	1992-93	1993-94	1994-95	<u>TOTAL</u>
Land/ROW Acq	\$	\$	\$ 57.9	\$	\$	\$	\$ 57.9
Design							
Construction							
Other			63.6				63.6
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$ 121.5</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 121.5</b>
 <u>FUNDING SOURCES</u>							
1989 6% G.O. Bond	\$	\$	\$ 121.5	\$	\$	\$	\$ 121.5
 <u>OPERATING IMPACT</u>							
Expense	\$	\$	\$	\$ 302.5	\$	\$ 317.5	\$ 332.0
Revenue							\$ 952.0

## PROJECT SUMMARY

CATEGORY: Public Safety

PROGRAM: Fire

TITLE:

Fire Station - Vicinity of Pinnacle Peak and Pima Roads

DESCRIPTION:

Temporary fire station for fire and emergency medical response.

NEED:

Due to population growth, traffic patterns, and new construction, the need for an additional fire station in the area of Pinnacle Peak and Pima Roads is necessary to provide fire and emergency medical service to the area.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$ 115.8	\$	\$	\$	\$ 115.8
Design						
Construction						
Other		63.6				63.6
<b>Total</b>	\$	\$ 179.4	\$	\$	\$	\$ 179.4
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond	\$	\$ 179.4	\$	\$	\$	\$ 179.4
<b>OPERATING IMPACT</b>						
Expense	\$	\$	\$ 302.5	\$ 317.5	\$ 332.0	\$ 952.0
Revenue						

## PROJECT SUMMARY

CATEGORY: Public Safety

PROGRAM: Fire

TITLE: Fire Station - Vicinity of Scottsdale Road and Shea Boulevard

DESCRIPTION: One unit "mini" fire station for quick response to fire and medical emergencies.

NEED: It is recommended that the fire station currently located at Thunderbird and Scottsdale Roads be relocated next to the new Airport tower on the east side of the Airport. This move would require the addition of one fire station in the vicinity of Scottsdale Road and Shea Boulevard to provide fire and emergency medical response.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$ 275.0	\$	\$	\$	\$	\$ 275.0
Design							
Construction		273.6					273.6
Other							
Total	\$	\$ 548.6	\$	\$	\$	\$	\$ 548.6
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond	\$	\$ 548.6	\$	\$	\$	\$	\$ 548.6
<b>OPERATING IMPACT</b>							
Expense	\$	\$	\$ 332.5	\$ 350.0	\$ 368.5	\$ 385.0	\$ 1,436.0
Revenue							



## PROJECT SUMMARY

CATEGORY: Public Safety

PROGRAM: Fire

TITLE: Fire Training Facility

DESCRIPTION: Computerized clean burn building, drafting pit, LPG fire simulation, crash/fire/rescue pit, and building remodeling.

NEED: Currently there is no fire training facility in the City of Scottsdale. Training is conducted by using facilities outside of the City or by training methods that do not provide "real life" fire conditions needed to properly prepare and train firefighters. This facility would provide a state-of-the-art facility and provide on-going training in the areas of structural fire fighting, hazardous materials, search and rescue, vehicle extrication, aircraft crash/fire training, in addition to classroom study.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS					TOTAL
	1990-91	1991-92	1992-93	1993-94	1994-95	
Land/ROW Acq	\$	\$	\$	\$	\$	\$
Design						
Construction						
Other	522.5	548.6				1,071.1
<b>Total</b>	<b>\$ 522.5</b>	<b>\$ 548.6</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,071.1</b>
<b>FUNDING SOURCES</b>						
1989 6% G.O. Bond	\$ 522.5	\$ 548.6	\$	\$	\$	\$ 1,071.1
<b>OPERATING IMPACT</b>						
Expense	\$	\$ 66.5	\$ 70.0	\$ 73.5	\$ 77.5	\$ 368.5
Revenue						

## PROJECT SUMMARY

**CATEGORY:** Public Safety

**PROGRAM:** Fire

**TITLE:** Relocate Fire Station #12 to Airport

**DESCRIPTION:** Construction of a temporary station on the east side of the runway next to the new control tower at Scottsdale Airport.

**NEED:** Will provide for better fire and emergency medical coverage of the Scottsdale Airport and Airpark.

## FISCAL SUMMARY

(In Thousands of Dollars)

PROJECT COSTS	PRIOR YEARS	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
Land/ROW Acq	\$	\$	\$	\$	\$	\$	\$
Design							
Construction							
Other		60.3					60.3
<b>Total</b>	<b>\$</b>	<b>\$ 60.3</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 60.3</b>
<b>FUNDING SOURCES</b>							
1989 6% G.O. Bond	\$	\$ 60.3	\$	\$	\$	\$	\$ 60.3

**OPERATING IMPACT**

Expense  
Revenue







# FIVE YEAR SUPPLEMENT

## STREETS (In Thousands of Dollars)

Project Title	1995/1996	1996/1997	1997/1998	1998/1999	1999/2000	Total
Beardsley Road:						
Scottsdale Road to Pima Road	\$	\$	\$	\$	\$	\$
Brown Avenue:		650.0	200.0	250.0	3,000.0	3,250.0**
Fourth Street to Second Street						850.0
Cactus Road:		1,900.0	800.0			4,700.0
Pima Road to Frank Lloyd Wright Boulevard	2,000.0	4,000.0				4,000.0*
Chaparral Road:						
Camelback Link		150.0	1,000.0			2,650.0
Chaparral Road:						
Scottsdale Road to Pima Road		1,500.0	300.0	3,500.0	2,500.0	6,300.0
Deer Valley Road:						
Scottsdale Road to Pima Road		250.0	250.0	1,500.0	2,000.0	3,750.0
Hayden Road:						
Bell Road to Deer Valley Road			377.0			1,441.0
Hayden Road:		1,064.0				6,600.0
Cactus to Thunderbird						
Indian Bend Road:		2,600.0				5,100.0
Scottsdale Road to Hayden Road	4,000.0					1,500.0
McDonald Drive:						
Scottsdale Road to Pima Road	100.0	3,000.0	2,000.0			5,000.0
Outer Loop Frontage Roads		750.0				
Outer Loop Overpass:						
Granite Reef/Miller Road Alignment				2,000.0	3,000.0	5,000.0
Pima Road:						
Outer Loop to Happy Valley Road				350.0	2,500.0	2,850.0**
Scottsdale Road:						
Outer Loop to Happy Valley Road	300.0	4,000.0	3,500.0			7,800.0
Scottsdale Road and Third Avenue				50.0	125.0	175.0
Scottsdale Road:						
Thunderbird Road to Outer Loop	3,000.0	2,000.0	1,000.0			6,000.0
Shea Interchanges:						
92nd Street, Frank Lloyd Wright	10,820.0		10,820.0		10,820.0	32,460.0
Boulevard, Via Linda						
Thomas Road:		3,050.0				6,075.0
Corridor Study Improvements						
Thompson Peak Parkway:						
Canal to Union Hills				11,000.0	3,500.0	14,500.0
Union Hills:						
Pima Road to Thompson Peak Parkway	5,500.0	2,400.0				7,900.0
96th Street:		700.0				1,900.0
Shea Boulevard to Larkspur						
<b>TOTAL BEFORE INFLATION ADJUSTMENT</b>	<b>\$30,120.0</b>	<b>\$27,589.0</b>	<b>\$20,997.0</b>	<b>\$18,650.0</b>	<b>\$27,445.0</b>	<b>\$124,801.0</b>
Inflation Adjustment	<u>8,138.3</u>	<u>9,206.5</u>	<u>8,547.9</u>	<u>8,903.5</u>	<u>14,927.3</u>	<u>49,723.5</u>
<b>TOTAL STREETS SUPPLEMENT</b>	<b>\$38,258.3</b>	<b>\$36,795.5</b>	<b>\$29,544.9</b>	<b>\$27,553.5</b>	<b>\$42,372.3</b>	<b>\$174,524.5</b>

\* ROW cost omitted pending results of feasibility study currently funded.

\*\* Estimated funding does not complete project.

