



# CIP Prioritization Procedure

Fiscal Year 2007

This booklet was created for the Flood Control Advisory Board meeting on **October 26, 2005**. The information contained herein has been recommended by the FCDMC Chief Engineer was reviewed by the FCAB Program Budget Committee on October 12, 2005.

**Table 1**  
**Project Requests for FY 2007 Prioritization Procedure**

Proj#	Project Name	Sponsor (Priority)	Location	Agency Funding	Other Funding	FCD Cost	Est. Total Cost
1	Unnamed Central Tributary (UCT) - North Branch Flood Mitigation	Carefree (1)	between Terravita Way and Cave Creek Rd. along the Carefree Highway	\$ 65,400	\$ -	\$ 152,600	\$ 218,000
2	Excavation for the Queen Creek Road Basin	Chandler (1)	southeast corner of McQueen and Queen Creek Roads	\$ -	\$ -	\$ 700,000	\$ 700,000
3	Higley Basin Study Modification	Chandler (2)	the Consolidated & Eastern Canals and Queen Creek Basin either northward to the ADOT Santan Freeway drainage system or eastward to the Eastern Maricopa Floodway	\$ -	\$ -	\$ 200,000	\$ 200,000
4	Citywide Storm Drain & Maintenance Improvements	Chandler (3)	city-wide inlet grates and the bank protection within the Denver Basin	\$ 86,500	\$ -	\$ 86,500	\$ 173,000
5	Land Acquisition for the Consolidated Canal Diversion Channel	Chandler (4)	Consolidated Canal Diversion Channel	\$ 3,410,000	\$ -	\$ 3,410,000	\$ 6,820,000
6	Land Acquisition for the Consolidated Canal Diversion Channel Outfall & SPRR Water Quality Basin	Chandler (5)	Consolidated Canal Diversion Channel & property along the SPRR	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000
7	Lower El Mirage Wash Drainage Improvement & Flood Mitigation	El Mirage (1)	Lower El Mirage Wash	\$ -	\$ 434,760	\$ 1,014,440	\$ 1,449,200
8	Skunk Creek at CAP Levees	FCD (1)	Skunk Creek at CAP Overchutes	\$ -	\$ 6,230,000	\$ 2,670,000	\$ 8,900,000
9	Tuthill/Liberty Channel	FCD (2)	Gila River north to the Buckeye Irrigation Channel	\$ -	\$ 11,500,000	\$ 11,500,000	\$ 23,000,000
10	Northern Parkway Channel & Reems Road South Channel	MCDOT (1)	drainage channel along the north side of Northern Parkway from Loop 303 to Reems Road and along the west side of Reems Road from Northern Parkway to Northern Avenue	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000	\$ 4,000,000
11	AT&SF Channel	MCDOT (2)	portion from Northern Parkway to the Dysart Drain	\$ 806,000	\$ 806,000	\$ 1,611,000	\$ 3,223,000
12	Agua Fria Boulevard Scour Protection	MCDOT (3)	Agua Fria River crossing at Agua Fria Boulevard	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000
13	McDowell Road, Hermosa Vista & Hawes Road Drainage System	Mesa (1)	McDowell Road (Hawes Road to Sossaman Road); Hermosa Vista (Hawes Road to the Spook Hill FRS)	\$ 4,620,000	\$ -	\$ 8,580,000	\$ 13,200,000
14	Siphon Draw Drainage Improvements	Mesa (2)	Elliot Road (Crismon to Meridian), north on Meridian approx. 1.5 miles	\$ 6,800,000	\$ -	\$ 10,200,000	\$ 17,000,000
15	Oak Street Detention Basin & Storm Drain System 88th Street Detention Basin & Storm Drain System	Mesa (3)	intersection of Oak Street and Hawes Road	\$ 830,000	\$ -	\$ 2,470,000	\$ 3,300,000
16	Boulder Mountain Elementary School Detention Basin System East McKellips Road Drainage System Lower Ellsworth Road Storm Drain System	Mesa (4)	north on Ellsworth Rd from the Signal Butte Floodway to McKellips Rd & extend east on McKellips Rd to the eastern border of the Boulder Mountain Subdivision to Crismon Rd alignment	\$ 3,000,000	\$ -	\$ 5,600,000	\$ 8,600,000
17	Ellsworth Road Detention Basin System Upper Ellsworth Road Storm Drain System	Mesa (5)	north on Ellsworth Rd from McKellips Rd to north of McDowell Rd	\$ 1,250,000	\$ -	\$ 2,320,000	\$ 3,570,000
18	Pecos North and Pecos South Detention Basins	Mesa (6)	Pinal County, north and south of Pecos Road and east of Meridian	\$ 3,900,000	\$ -	\$ 11,625,000	\$ 15,525,000
19	Pecos Road Channel	Mesa (7)	Pecos Road (Meridian Road to Ellsworth Road)	\$ 3,500,000	\$ -	\$ 10,500,000	\$ 14,000,000
20	Pinnacle Peak Road Drainage Improvements (89th Ave. to Agua Fria River)	Peoria (1)	89th Ave. to the Agua Fria River	\$ 7,000,000	\$ -	\$ 7,000,000	\$ 14,000,000

**Table 1  
Project Requests for FY 2007 Prioritization Procedure**

21	Pinnacle Peak Road & 67th Avenue Drainage Improvements	Peoria (2)	vicinity of Hatfield Rd. at 67th Ave., south along 67th Ave., west along Pinnacle Peak Rd. to New River	\$ 3,250,000	\$ -	\$ 3,250,000	\$ 6,500,000
22	Deer Valley Road Drainage Improvements	Peoria (3)	85th Ave. to 91st Ave.	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 3,300,000
23	Beardsley Road Channel Improvements (101st Ave. to the Agua Fria River)	Peoria (4)	101st Ave. to the Agua Fria River	\$ 1,300,000	\$ -	\$ 1,300,000	\$ 2,600,000
24	Glendale-Peoria ADMP Update	Peoria (5)	67th Ave. to Agua Fria River; Beardsley Rd. to Happy Valley Rd.	\$ 100,000	\$ -	\$ 400,000	\$ 500,000
25	Downtown Peoria ADMP	Peoria (6)	downtown Peoria	\$ 100,000	\$ -	\$ 100,000	\$ 200,000
26	Skunk Creek Channel at Pinnacle Peak Road & 35th Avenue	Phoenix (1)	south edge of the drop structure upstream of the Pinnacle Peak Rd. Bridge	\$ 4,250,000	\$ -	\$ 4,250,000	\$ 8,500,000
27	24th Avenue/Camelback Road Drainage Improvement, Phase 4 (20th Ave. & Turney Drainage Improvements)	Phoenix (2)	north of the Grand Canal at the intersection of 20th Ave. and Turney Ave.	\$ 3,250,000	\$ -	\$ 3,250,000	\$ 6,500,000
28	9th Avenue Storm Drain	Phoenix (3)	from Peoria Avenue downstream to the ACDC	\$ 800,000	\$ -	\$ 800,000	\$ 1,600,000
29	43rd Avenue/Baseline Road Detention Basin	Phoenix (4)	northeast corner of 43rd Ave. and Baseline Rd.	\$ 1,800,000	\$ -	\$ 1,800,000	\$ 3,600,000
30	27th Avenue/South Mountain Avenue Detention Basin	Phoenix (5)	northeast corner of 27th Ave. and South Mountain Ave.	\$ 1,800,000	\$ -	\$ 1,800,000	\$ 3,600,000
31	North Mountain Detention Basin #7 - Emergency Dam Repair & Mitigation	Phoenix (6)	near Thunderbird Rd. and 7th St.	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
32	Pecos Basin CAR	Phoenix (7)	intersection of SR202 and 48th St.	\$ -	\$ -	\$ 100,000	\$ 100,000
33	Sonoqui Wash - Riggs Road to Crismon Road	Queen Creek (1)	Sonoqui Wash - Riggs Road to Crismon Road	\$ 7,000,000	\$ -	\$ 6,000,000	\$ 13,000,000
34	Sonoqui Wash - Crismon Road to Empire Road	Queen Creek (2)	Sonoqui Wash - Crismon Road to Empire Road	\$ 7,200,000	\$ -	\$ 5,300,000	\$ 12,500,000
35	Martin Acres Channelization	Surprise (1)	bounded by US60 on the northeast, Citrus Rd. on the west, and Norwich Rd. on the south	\$ 1,450,000	\$ -	\$ 1,450,000	\$ 2,900,000
36	Gillespie ADMS	Woolsey FPD (1)	300 square miles between the North Maricopa Mountains, SR 85, the Gila Bend Canal and MC80	\$ -	\$ -	unknown	\$ -
37	Peoria Avenue Drainage	Youngtown (1)	Peoria Ave. between 111th Ave. & 114th Ave. from the southerly right-of-way south to the Town boundary	\$ 125,000	\$ -	\$ 125,000	\$ 250,000

Listed alphabetically by agency and by agency's priority.

**TOTAL: \$69,792,900 \$22,070,760 \$117,664,540 \$209,528,200**

\*shaded cells represent projects previously submitted & recommended but may have new dollar estimates and revised limits

**New FY 2007 Requests Total: \$33,832,900 \$22,070,760 \$54,309,540 \$110,213,200**

FY 2007 CIP Prioritization Procedure  
Staff Recommendations

DRAFT

Table 2a  
Projects Submitted for Prioritization FY 2007 (not previously recommended)

**Recommended Projects**

Proj #	Project Name	Sponsor	PEC Ave.	FCD Cost	Est. Total Cost	PEC Recommendation
33	Sonoqui Wash - Riggs Road to Crismon Road	Queen Creek (1)	75	\$ 6,000,000	\$ 13,000,000	Recommended
8	Skunk Creek at CAP Levees	FCD (1)	75	\$ 2,670,000	\$ 8,900,000	Recommended
34	Sonoqui Wash - Crismon Road to Empire Road	Queen Creek (2)	73	\$ 5,300,000	\$ 12,500,000	Recommended
20	Pinnacle Peak Road Drainage Improvements (89th Ave. to Agua Fria River)	Peoria (1)	71	\$ 7,000,000	\$ 14,000,000	Recommended
27	24th Avenue/Camelback Road Drainage Improvement, Phase 4 (20th Ave. & Turney Drainage Improvements)	Phoenix (2)	68	\$ 3,250,000	\$ 6,500,000	Recommended
21	Pinnacle Peak Road & 67th Avenue Drainage Improvements	Peoria (2)	68	\$ 3,250,000	\$ 6,500,000	Recommended
10	Northern Parkway Channel & Reems Road South Channel	MCDOT (1)	66	\$ 2,000,000	\$ 4,000,000	Recommended
9	Tuthill/Liberty Channel	FCD (2)	65	\$ 11,500,000	\$ 23,000,000	Recommended
23	Beardsley Road Channel Improvements (101st Ave. to the Agua Fria River)	Peoria (4)	63	\$ 1,300,000	\$ 2,600,000	Recommended

**Total Recommended: \$ 42,270,000 \$ 91,000,000**

**Projects Deferred/Referred**

Proj #	Project Name	Sponsor	PEC Ave.	FCD Cost	Est. Total Cost	PEC Recommendation
1	Unnamed Central Tributary (UCT) - North Branch Flood Mitigation	Carefree (1)	54	\$ 152,600	\$ 218,000	Send to Floodproofing Committee
24	Glendale-Peoria ADMP Update	Peoria (5)	N/S	\$ 400,000	\$ 500,000	Send to Planning
35	Martin Acres Channelization	Surprise (1)	N/S	\$ 1,450,000	\$ 2,900,000	Defer until Wittmann ADMP completed
36	Gillespie ADMS	Woolsey FPD (1)	N/S	unknown	\$ -	Send to Planning

**Total Deferred/Referred: \$ 2,002,600 \$ 3,618,000**

N/S = no score

FY 2007 CIP Prioritization Procedure  
Staff Recommendations

DRAFT

**Projects Not Recommended**

<u>Proj #</u>	<u>Project Name</u>	<u>Sponsor</u>	<u>PEC Ave.</u>	<u>FCD Cost</u>	<u>Est. Total Cost</u>	<u>PEC Recommendation</u>
7	Lower El Mirage Wash Drainage Improvement & Flood Mitigation	El Mirage (1)	61	\$ 1,014,440	\$ 1,449,200	Not Recommended
37	Peoria Avenue Drainage	Youngtown (1)	59	\$ 125,000	\$ 250,000	Not Recommended
22	Deer Valley Road Drainage Improvements	Peoria (3)	56	\$ 1,100,000	\$ 3,300,000	Not Recommended
12	Agua Fria Boulevard Scour Protection	MCDOT (3)	56	\$ 1,000,000	\$ 2,000,000	Not Recommended
11	AT&SF Channel	MCDOT (2)	55	\$ 1,611,000	\$ 3,223,000	Not Recommended
6	Land Acquisition for the Consolidated Canal Diversion Channel Outfall & SPRR Water Quality Basin	Chandler (4)	48	\$ 3,000,000	\$ 3,000,000	Not Recommended
2	Excavation for the Queen Creek Road Basin	Chandler (1)	N/S	\$ 700,000	\$ 700,000	Not Recommended
3	Higley Basin Study Modification	Chandler (2)	N/S	\$ 200,000	\$ 200,000	Not Recommended
4	Citywide Storm Drain & Maintenance Improvements	Chandler (3)	N/S	\$ 86,500	\$ 173,000	Not Recommended
25	Downtown Peoria ADMP	Peoria (6)	N/S	\$ 100,000	\$ 200,000	Not Recommended
31	North Mountain Detention Basin #7 - Emergency Dam Repair & Mitigation	Phoenix (6)	N/S	\$ 1,000,000	\$ 1,000,000	Not Recommended
32	Pecos Basin CAR	Phoenix (7)	N/S	\$ 100,000	\$ 100,000	Not Recommended
<b>Total Not Recommended:</b>				<b>\$ 10,036,940</b>	<b>\$ 15,595,200</b>	

N/S = no score

**Total Projects Submitted FY 2007: \$54,309,540 \$110,213,200**  
(Not Previously Recommended)

FY 2007 CIP Prioritization Procedure  
Staff Recommendations

DRAFT

Table 2b  
Project Requests Submitted for Prioritization 2007 (with previous recommendations)

Proj #	Project Name	Sponsor	PEC Ave.	FCD Cost	Est. Total Cost	PEC Recommendation
5	Land Acquisition for the Consolidated Canal Diversion Channel	Chandler (4)	71	\$ 3,410,000	\$ 6,820,000	Previously Recommended
30	27th Avenue/South Mountain Avenue Detention Basin	Phoenix (5)	71	\$ 1,800,000	\$ 3,600,000	Previously Recommended
14	Siphon Draw Drainage Improvements	Mesa (2)	70	\$ 10,200,000	\$ 17,000,000	Previously Recommended
26	Skunk Creek Channel at Pinnacle Peak Road & 35th Avenue	Phoenix (1)	70	\$ 4,250,000	\$ 8,500,000	Previously Recommended
13	McDowell Road, Hermosa Vista & Hawes Road Drainage System	Mesa (1)	69	\$ 8,580,000	\$ 13,200,000	Previously Recommended
29	43rd Avenue/Baseline Road Detention Basin	Phoenix (4)	67	\$ 1,800,000	\$ 3,600,000	Previously Recommended
28	9th Avenue Storm Drain	Phoenix (3)	65	\$ 800,000	\$ 1,600,000	Previously Recommended
16	Boulder Mountain Elementary School Detention Basin System East McKellips Road Drainage System Lower Ellsworth Road Storm Drain System	Mesa (4)	64	\$ 5,600,000	\$ 8,600,000	Previously Recommended
17	Ellsworth Road Detention Basin System Upper Ellsworth Road Storm Drain System	Mesa (5)	64	\$ 2,320,000	\$ 3,570,000	Previously Recommended
18	Pecos North and Pecos South Detention Basins	Mesa (6)	64	\$ 11,625,000	\$ 15,525,000	Previously Recommended
19	Pecos Road Channel	Mesa (7)	64	\$ 10,500,000	\$ 14,000,000	Previously Recommended
15	Oak Street Detention Basin & Storm Drain System 88th Street Detention Basin & Storm Drain System	Mesa (3)	63	\$ 2,470,000	\$ 3,300,000	Previously Recommended

Total Previously Recommended: \$ 63,355,000 \$ 99,315,000



# Flood Control District

of Maricopa County

**Board of Directors**  
Fulton Brock, District 1  
Don Stapley, District 2  
Andrew Kunasek, District 3  
Max Wilson, District 4  
Mary Rose Wilcox, District 5

[www.fcd.maricopa.gov](http://www.fcd.maricopa.gov)

2801 West Durango Street  
Phoenix, Arizona 85009  
Phone: 602-506-1501  
Fax: 602-506-4601  
T: 602-505-5897

May 11, 2005

«Mrs» «FirstName» «LastName»«Designation»  
«Agency»  
«Address»  
«City», AZ «Zip»

RE: Flood Control District CIP Prioritization Procedure for fiscal year 2007

Dear «Mrs» «LastName»:

We are preparing to implement the FY 2007 *Procedure for Identifying and Prioritizing Potential Five-year Capital Improvement Program (CIP) Projects*. Again, this year we are asking that you submit any requests for planning or floodplain studies that your municipality or agency would like us to consider for inclusion in a future Planning and Floodplain Delineation Program Budget. Any project your agency or municipality wishes to submit for consideration must be received by July 15, 2005. Please provide seven (7) copies of the submissions for each project or study that you are requesting. A copy of this year's CIP Prioritization Procedure Schedule is enclosed.

The FY 2006 results and a complete discussion of the Prioritization Procedure can be reviewed on the District's web site <http://www.fcd.maricopa.gov/Neighborhood/CIP/Prioritization/>. We are also requesting that the Letter of Intent (LOI) form be filled out and signed by the senior manager responsible for submitting the request. This will assist the District staff in preparing future project MOUs and IGAs and give us an idea when your project funding may be available. Please reproduce copies of the enclosed LOI form for each project that you submit. This form is also available online.

The Prioritization Procedures reflect the District's commitment to a balanced approach to flood control, working with our municipal and agency partners, that includes a number of evaluation criteria:

- Submitting agency priority;
- Master plan element;
- Hydrologic/hydraulic significance;

- Level of protection;
- Area protected;
- Environmental quality;
- Area-wide benefits;
- Total project costs;
- Level of partner(s) participation;
- Operation and maintenance costs; and,
- Operation and maintenance responsibility.

Proposals for new projects should be formatted to address the eleven evaluation criteria described in the Procedure Manual which can be found at <http://www.fcd.maricopa.gov/Neighborhood/CIP/Prioritization/Procedure%20Manual.pdf>. It is strongly suggested that proposals be submitted with a sufficient level of detail so that the Evaluation Committee can make informed decisions, particularly in cases where the proposals will involve significant District expenditures. Project proposals that explicitly address each of the evaluation criteria in a quantitative manner and that provide detailed project maps, diagrams and/or other visual plans will be more favorably reviewed. In the past, several potentially viable projects have been rejected on the basis that inadequate information was provided in the submission and the Evaluation Committee was unable to properly evaluate the benefits and costs associated with these projects. Please note that District staff are always happy to provide guidance on the preparation of proposals that meet the information requirements of the Evaluation Committee.

Project proposals not recommended for action in previous years may be resubmitted during this (FY 2007) review period, we suggest that agencies consult with District staff and make changes before resubmitting. Agencies or municipalities with project proposals that have previously been recommended for inclusion in the District's CIP should reconfirm their priority by filling out an updated LOI for the project. You do not need to submit a complete packet for a previously recommended project, only submit an updated LOI. Please contact Mr. Dick Perreault at [rgp@mail.maricopa.gov](mailto:rgp@mail.maricopa.gov) or 506-4774, Ms. Kelly Presson at [klp@mail.maricopa.gov](mailto:klp@mail.maricopa.gov) or 506-4489, or me at 506-2961 with any questions concerning the Prioritization Procedure.

Sincerely,

Russell Miracle, P.E.  
Planning & Project Management Division Manager

Enclosures:

FY 2007 CIP Prioritization Procedure Schedule  
FY 2007 CIP Prioritization Procedure LOI

Mailing List - Prioritization 2007 Letter dated May 11, 2005

Mr	FirstName	LastName	Designation	Title	Agency	Address	City	Zip
Mr.	Steve	Jimenez	, P.E.	Assistant State Engineer	ADOT, Valley Project Mgt.	206 South 17th Avenue	Phoenix	85007
Mr.	Duane	Shroufe		Director	Arizona State Game and Fish Dept.	2222 West Greenway Road	Phoenix	85023
Mr.	V.	Ottozawa-Chatupron	, P.E.	Hydrology Section	Arizona State Land Department	1616 West Adams Street	Phoenix	85007
Mr.	Carnell	Thurman	, P.E.	City Engineer	City of Avondale	11465 W. Civic Center Dr., Ste 120	Avondale	85323
Mr.	Carroll	Reynolds	, P.E.	Town Manager	Town of Buckeye	100 North Apache Road - Suite A	Buckeye	85326
Mr.	Jackie	Meck		General Manager	Buckeye Water Conservation & Drainage District	P.O. Box 1726	Buckeye	85326
Mr.	Jonathan	Pearson		Town Administrator	Town of Carefree	Box 740	Carefree	85377
Mr.	Wayne	Anderson	, P.E.	Town Engineer	Town of Cave Creek	37622 North Cave Creek Road	Cave Creek	85331
Ms.	Elizabeth	Huning	, P.E.	City Engineer	City of Chandler	215 E. Buffalo, #201	Chandler	85225
Mr.	Chris	Young		City Engineer/Operations Director	City of El Mirage	12145 N.W. Grand Ave., Suite 8	El Mirage	85335
Mr.	Robin	Russell		Council Vice President	Fort McDowell Indian Community	P.O. Box 17779	Fountain Hills	85269
Mr.	Randy	Harrel	, P.E.	Town Engineer	Town of Fountain Hills	P.O. Box 17958	Fountain Hills	85268
Mr.	Chris	Riggs		Mayor	Town of Gila Bend	644 West Pima Street, P.O. Box A	Gila Bend	85337
Honorable	Richard	Narcia		Governor	Gila River Indian Community	P.O. Box 97	Sacaton	85247
Mr.	Lonnie	Frost		Public Works Director	Town of Gilbert	1025 South Gilbert Road	Gilbert	85296
Mr.	Larry	Broyles	, P.E.	Engineering Director	City of Glendale	5850 West Glendale Avenue	Glendale	85301
Mr.	Cato	Esquivel		Public Works Director	City of Goodyear	120 E. Western Ave.	Goodyear	85338
Mr.	Mark	Johnson		Town Manager	Town of Guadalupe	9241 South Avendia Del Yaqui	Guadalupe	85283
Mr.	Darryl	Crossman		City Manager	City of Litchfield Park	214 W. Wigwam Blvd.	Litchfield Park	85340
Mr.	Michael	Ellegood	, P.E.	Director	Maricopa County D.O.T.	2901 W. Durango	Phoenix	85009
Mr.	Chuck	Williams		Capital Programs	Maricopa County D.O.T.	2901 W. Durango	Phoenix	85009
Mr.	Mike	Sabatini	, P.E.	Assistant County Engineer	Maricopa County D.O.T.	2901 W. Durango	Phoenix	85009
Mr.	Osman	Aloyo		Director	Maricopa County Emergency Serv.	2035 North 52nd Street	Phoenix	85008
Mr.	Keith	Nath	, P.E.	City Engineer	City of Mesa	PO Box 1466	Mesa	85201
Mr.	David	McKay		State Conservationist	Nat. Resources Conservation Serv.	230 N 1st Ave, Ste 509	Phoenix	85003
Mr.	Andrew	Cooper	, P.E.	Public Works Director	Town of Paradise Valley	6401 East Lincoln	Paradise Valley	85253
Mr.	William	Scalzo		Director	Parks & Recreation Dept.	401 E. Jefferson	Phoenix	85004
Mr.	Neil	Mann	, P.E.	Public Works Director	City of Peoria	8401 W. Monroe Street	Peoria	85345
Mr.	Ross	Blakley	, P.E.	Acting Street Transportation Director	City of Phoenix	200 West Washington Street, 5th Floor	Phoenix	85003
Ms.	Cynthia	Seelhammer		Town Manager	Town of Queen Creek	22350 South Ellsworth Road	Queen Creek	85242
Mr.	Michael	Leonard		General Manager	Roosevelt Water Conservation Dist.	P.O. Box 100	Higley	85236
Mr.	Paul	Cherrington	, P.E.	Manager, Water Engineering & Transportation	Salt River Project	P.O. Box 52025	Phoenix	85072-2025
Mr.	Brian	Meyers	, P.E.	Community Manager	Salt River-Pima Indian Comm.	10005 E. Osborn Road	Scottsdale	85256
Ms.	Mary	O'Connor		Transportation General Manager	City of Scottsdale	7447 East Indian School Road, #205	Scottsdale	85251
Mr.	Bob	Maki	, P.E.	Acting City Engineer	City of Surprise	12425 West Bell Road - Suite B-205	Surprise	85374
Mr.	Andy	Goh	, P.E.	City Engineer	City of Tempe	31 East 5th Street	Tempe	85281
Mr.	Mark	Berrevez		Public Works Director	City of Tolleson	9555 West Van Buren	Tolleson	85353
Mr.	Joseph	Dixon		Arizona Planning Section "C"	U.S. Army Corps of Engineers	3636 North Central Avenue	Phoenix	85012
Ms.	Carol	Erwin		Area Manager	U.S. Bureau of Reclamation	P O. Box 81169	Phoenix	85069
Mr.	Shane	Dille		Town Manager	Town of Wickenburg	155 North Tegner, Suite A	Wickenburg	85390
Mr.	Douglas	Nelson	, P.C	Attorney at Law	Woolsey Flood Protection District	7000 North 16th Street, Suite 120-307	Phoenix	85020
Mr.	Jesse	Mendez		Public Works Director	Town of Youngtown	12030 Clubhouse Square	Youngtown	85363



## CIP Prioritization Procedure Schedule

Fiscal Year 2007

May 11, 2005	Agency Notices Mailed
July 15, 2005	Agency Proposals Submittal Deadline
August, 2005	Evaluation Committee Review and Evaluation
September 9, 2005	Evaluation Committee Recommendations to P&PM Division Manager
September 16, 2005	Staff Recommendations to Chief Engineer and General Manager
October 7, 2005	FCAB Program Budget Committee Review
October 13, 2005	Staff Recommendations Forwarded to Agencies
October 26, 2005	Staff Recommendations Presented to the FCAB for Information
December 7, 2005	Final Staff Recommendations Presented to the FCAB for Action
January 25, 2006	Proposed FY 05/06-09/10 CIP Presented to FCAB
February 10, 2006	Final Priority List Provided to Agencies
February - June 2006	CIP Revisions Coordinated with OMB

# LOI (Letter of Intent)

## FY 2007 CIP Prioritization Procedure



City/Agency Proposing Partnership: \_\_\_\_\_

**1. Project Name** \_\_\_\_\_

A. Project Description & Limits:

B. Estimated Project Cost:

**2. Proposed Lead City/Agency For: (check appropriate column)**

	FCD	City/Agency	Other:	N/A
A. Study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. R/W Acquisition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Constr. Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Ops & Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**3. Proposed Cost Share:**

	FCD	City/Agency	Other:	Total:
A. Percentage - %				
B. Funding - \$				

**4. Availability of City/Agency Funding (\$):**

	FY 06/07	FY 07/08	FY 08/09	FY 09/10	FY 10/11	Later FYs

**5. City/Agency Adoption of ADMS/ADMP/WCMP: (Name: \_\_\_\_\_)**

Yes                     
  Not yet, but willing to                     
  Not associated with Study or Plan

**6. Signature:** (City Engineer, Public Works Director, or Agency Manager)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date

**7. Remarks/Comments: (use additional sheet if necessary)**

**Signature:**  
 Russell Miracle, P.E.  
 Planning & Project Management Division Manager  
 Date \_\_\_\_\_  
 Flood Control District of Maricopa County



# Flood Control District of Maricopa County

**Board of Directors**  
Fulton Brock, District 1  
Don Stapley, District 2  
Andrew Kunasek, District 3  
Max Wilson, District 4  
Mary Rose Wilcox, District 5

[www.fcd.maricopa.gov](http://www.fcd.maricopa.gov)

2801 West Durango Street

Phoenix, Arizona 85009

Phone: 602-506-1501

Fax: 602-506-4601

T: 602-505-5897

October 13, 2005

«Mr» «FirstName» «LastName»«Designation», «Title»  
«Agency»  
«Address»  
«City», AZ «Zip»

SUBJECT: Recommendations for FY 06/07 CIP Prioritization Procedure

Dear «Mr» «LastName»:

Flood Control District staff, in consultation with the Flood Control Advisory Board's (FCAB) Program and Budget Committee, has completed its evaluation of the project requests submitted for the FY 06/07 CIP Prioritization Procedure.

Enclosed for your review are two tables listing the submitted projects and studies. Table 1 lists the thirty-seven (37) proposals submitted to the FY 06/07 CIP Prioritization Procedure. Table 2 provides the staff recommendations for the submitted proposals. These recommendations have been reviewed and endorsed by the FCAB Program and Budget Committee and the Chief Engineer and General Manager.

These tables and recommendations will be presented for information and discussion to the FCAB at the October 26, 2005 meeting and at the December 7, 2005 meeting for approval. If endorsed by the FCAB, these projects will be considered for possible inclusion in the District's Five-Year CIP or other funded program. You are encouraged to attend the October meeting and provide your comments to the FCAB.

If you have any questions, please feel free to contact me at (602) 506-4774 or via e-mail: [rgp@mail.maricopa.gov](mailto:rgp@mail.maricopa.gov).

Sincerely,

Richard G. Perreault  
CIP/Policy Branch Manager, Planning and Project Management Division

Enclosures

Mailing List - Prioritization 2007 Letter dated October 13, 2005

Mr	FirstName	LastName	Designation	Title	Agency	Address	City	Zip
Mr.	Jonathan	Pearson		Town Administrator	Town of Carefree	Box 740	Carefree	85377
Ms.	Elizabeth	Huning	, P.E.	City Engineer	City of Chandler	215 E. Buffalo, #201	Chandler	85225
Mr.	Chris	Young		City Engineer/Operations Director	City of El Mirage	12145 N.W. Grand Ave., Suite 8	El Mirage	85335
Mr.	Michael	Ellegood	, P.E.	Director	Maricopa County D.O.T.	2901 W. Durango	Phoenix	85009
Mr.	Chuck	Williams		Capital Programs	Maricopa County D.O.T.	2901 W. Durango	Phoenix	85009
Mr.	Mike	Sabatini	, P.E.	Assistant County Engineer	Maricopa County D.O.T.	2901 W. Durango	Phoenix	85009
Mr.	Keith	Nath	, P.E.	City Engineer	City of Mesa	PO Box 1466	Mesa	85201
Mr.	Neil	Mann	, P.E.	Public Works Director	City of Peoria	8401 W. Monroe Street	Peoria	85345
Mr.	Ross	Blakley	, P.E.	Acting Street Transportation Director	City of Phoenix	200 West Washington Street, 5th Floor	Phoenix	85003
Ms.	Cynthia	Seelhammer		Town Manager	Town of Queen Creek	22350 South Ellsworth Road	Queen Creek	85242
Mr.	Bob	Maki	, P.E.	Acting City Engineer	City of Surprise	12425 West Bell Road - Suite B-205	Surprise	85374
Mr.	Douglas	Nelson	, P.C	Attorney at Law	Woolsey Flood Protection District	7000 North 16th Street, Suite 120-307	Phoenix	85020
Mr.	Jesse	Mendez		Public Works Director	Town of Youngtown	12030 Clubhouse Square	Youngtown	85363



## FLOOD CONTROL DISTRICT OF MARICOPA COUNTY CAPITAL IMPROVEMENT PROGRAM (CIP) PRIORITIZATION PROCEDURE

### *I. PURPOSE OF THE PROCEDURE:*

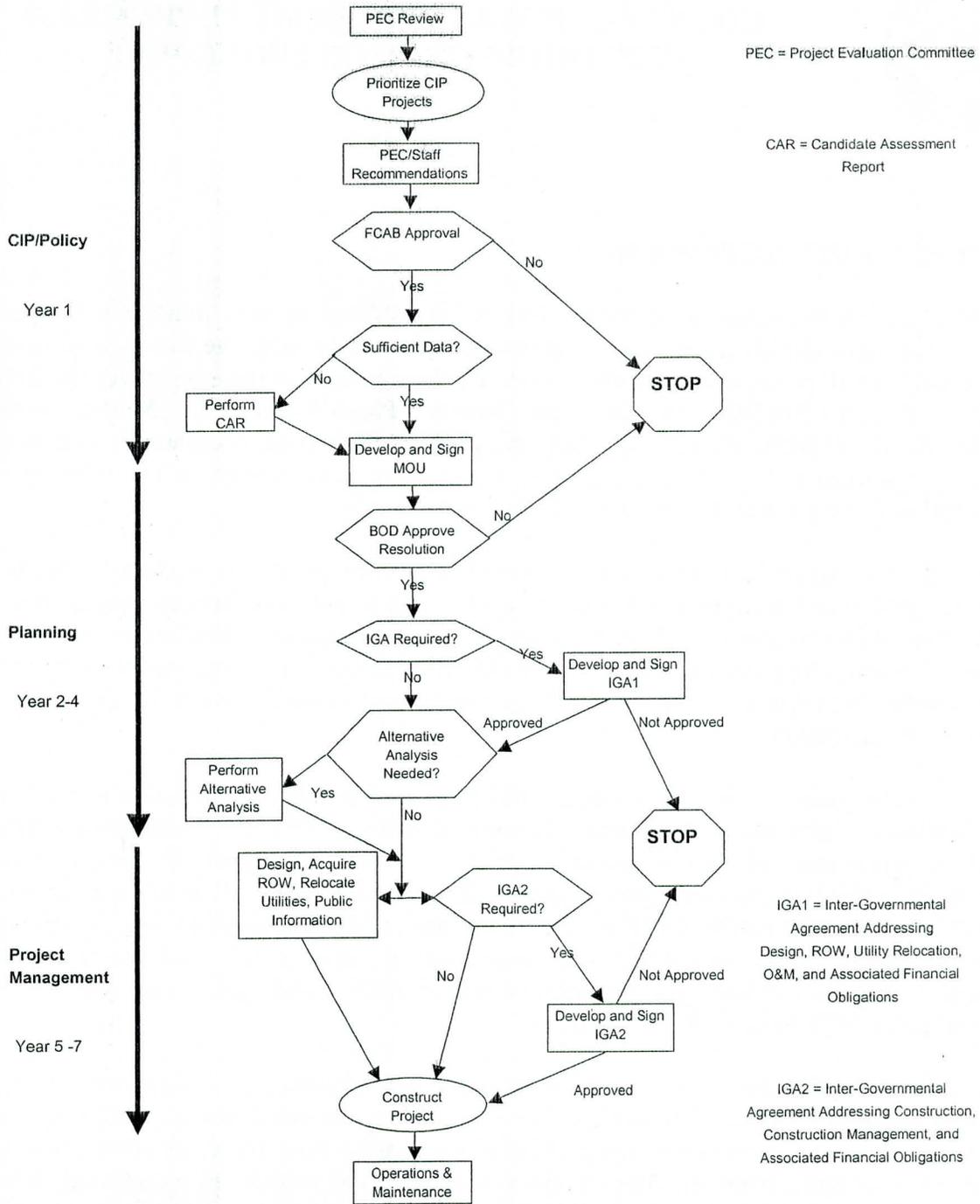
The Prioritization Procedure used by the Flood Control District is a multi-step decision process intended to implement previously approved fiscal policies from the District's Strategic Plan. Potential CIP projects are identified primarily through agency requests and/or the Area Drainage Master Studies/Area Drainage Master Plans/Watercourse Master Plans (ADMS/ADMP/WCMP), Floodplain Delineation or other District programs. The term "Agency" is defined as a municipality or other government agency, such as a department of the Federal or State government operating in Maricopa County.

In the first step, all projects or studies requested are evaluated by the Project Evaluation Committee (PEC) to determine whether the request should be recommended for inclusion in a District-funded planning or capital improvement program. Planning studies undertaken in the District's Planning Program are usually totally funded by the District. Projects recommended for the Capital Improvement Program (CIP) are usually cost shared between the District and the requesting agency(s).

If the PEC determines that a project request, which is recommended for inclusion in the CIP, needs additional information, they may recommend that a Candidate Assessment Report (CAR) be performed at District expense prior to having a project Memorandum of Understanding (MOU) and Resolution prepared. The purpose of a CAR is to develop more detailed information on potential CIP projects in the areas of design, rights of way, permitting, mitigation, construction, operations and maintenance requirements and costs. The information will be the basis for project cooperation MOUs and agreements and project scheduling (see FCD Project Flow Chart).

As ADMSs, ADMPs and WCMPS are completed and adopted, it is anticipated that a significant number of future CIP project requests will be generated through this program. Input received annually concerning project priorities coming from these, or other plans, as well as other potential projects, will continue to be sought and prioritized on a County-wide basis using this procedure. District staff will work with local municipalities to prepare the necessary documents and exhibits for the municipality to adopt the ADMS/ADMP/WCMP for land use and drainage infrastructure planning.

# FCD Project Flow Chart



## ***II. GOALS OF THE PROCEDURE:***

1. To provide an objective method for prioritizing flood control and regional drainage projects generated through District programs or requested by other agencies.
2. To familiarize other agencies with the project evaluation criteria to be considered by the District when prioritizing potential projects for inclusion in the District's Five-Year CIP.
3. To optimize the timing of project requests with the District's annual budgeting cycle.
4. To reduce uncertainty in the project scoping and Intergovernmental Agreements (IGA) negotiation processes.
5. To identify projects on an annual basis that would be eligible for potential inclusion and prioritization in the District's Five-Year Capital Improvement Program (CIP).
6. To provide a mechanism for redistributing funds in the District's Five-Year CIP in response to unanticipated events which may impact the Five-Year CIP.

## ***III. PROJECT REQUEST CALENDAR:***

1. Each year by the second Friday in May, District staff will send notice to each appropriate agency requesting that the agencies prepare prioritized CIP project requests for the District's next fiscal year review cycle. The Letter of Intent (LOI) and seven (7) copies of each project proposal should be received by the District no later than the third Friday in July if an agency wishes to have projects considered by staff for the following fiscal year's Five-Year CIP. Project requests received after this date must be authorized for review by the Flood Control Advisory Board (FCAB) prior to staff prioritization. The notice will detail the criteria, listed in Section IV below, to be used by District staff when evaluating and prioritizing potential CIP projects.
2. By the third Friday in July, detailed information on District-proposed CIP projects will be submitted to the CIP/Policy Branch for processing.
3. CIP/Policy Branch staff will serve as point of contact, receive all CIP project proposals, and prepare project summaries for use by the Project Evaluation Committee. The Committee will be comprised of District staff and will include one or two members from the CIP/Policy Branch, the Manager of the Operations & Maintenance Division, the Manager of the Engineering Division, the Manager of the Regulatory Division, and the Manager of the Land Management Division.

4. During the month of August the PEC will review and prioritize all new project proposals for potential inclusion into the District's CIP. The priority for recommended projects that have not been initiated in the preceding fiscal year shall be based on the project proposal's total score, regardless of the year in which the proposal was submitted.
5. Projects that were previously requested that had CARs performed, and that are significantly different than the original request should be resubmitted and re-prioritized by the PEC.
6. By the second week of September, the PEC will provide its prioritized list of District-proposed and agency-requested planning studies and CIP projects to the Manager of the Planning and Project Management (PPM) Division.
7. By the first week of October, the Chief Engineer and General Manager, the Manager of the PPM Division, and the CIP/Policy Branch Manager will meet with the FCAB Program and Budget Committee to review staff recommendations. FCAB Program and Budget Committee guidance will then be incorporated into the staff recommendation. During the month of October, the staff recommendation will be presented to the FCAB for information and discussion, and will be provided to the agencies on the District's project prioritization mailing list.
8. By the first Wednesday in December, the staff recommendations, including any changes received since the October FCAB meeting will be presented to the FCAB for approval. Once approved, a final priority list will be provided to all agencies (by mid-February).
9. At the January FCAB meeting, the proposed Five-Year CIP will be presented to the FCAB.
10. At the discretion of the agency submitting a project proposal, those lower priority requests not approved by the FCAB can be reformatted and resubmitted after consultation with District staff in a future year's Procedure.
11. The Planning Branch will be responsible for coordinating Memorandums of Understanding (MOU) and agreements with cooperating agencies, for completing the pre-design studies and for providing status reports on the projects.
12. Projects determined to be feasible through the CAR study step will be re-prioritized in accordance with #5 above. Projects which remain priorities and have signed IGAs, where applicable, will then be included in the District's Five-Year CIP.

#### *IV. PRIORITIZATION CRITERIA:*

The Prioritization Criteria has been developed as a means for staff to uniformly consider and evaluate District-generated or agency-requested Five-Year CIP projects. Agencies having jurisdiction over stormwater drainage in the project area must be able to demonstrate that their regulations conform with or exceed the provisions of the Uniform Drainage Policies and Standards (UDPS) for Maricopa County. To satisfy this requirement, copies of pertinent ordinances should be referenced and/or attached to the project request. In the event that concerns arise, a joint determination of conformance will be made by the requesting agency and the District.

Each request which meets this minimum standard will be evaluated by District staff and scored on the Project Evaluation Committee Project Priority Worksheet (copy attached). Through the eleven (11) weighted criteria listed below, a maximum total of 100 points per project is possible. If insufficient data is provided for a particular criterion, the minimum number of points will be awarded in that category. Projects will be ranked by staff according to the total points received.

A Letter of Intent (LOI) must accompany each project request and be signed by an agency staff manager responsible for submitting the request. The LOI is not a legally binding document. It will assist District staff in preparing future project MOUs and IGAs. When signed by the District's Planning & Project Management Division Manager, after a project is approved for inclusion into a future Five-Year CIP, it will become the basis for development and negotiation of project MOUs and IGAs.

#### PROJECT OVERVIEW & DETAILS

##### Project Description (0 points)

Provide a summary of the proposed project with a reproducible location map. Include information concerning project goals, problems to be addressed, anticipated project features, and relationships to any other planned, ongoing or completed infrastructure projects.

##### 1. Agency Priority (5 points)

Multiple project proposals from a single agency should be ranked by the agency prior to submittal. Separate projects must not be grouped into generalized categories such as high, medium or low. However, a number of integrated projects required to improve a particular watershed may be classified as a single, phased project. As appropriate, the District will request an annual update or confirmation of the agency's priority for prior year(s) recommended projects.

2. Master Plan Element (8 points)

Provide information on the project's relationship to any existing or ongoing flood control/stormwater management master plans or other types of plans. These plans could include, but are not limited to, Drainage, Land Use, Transportation, Recreation, Environmental, Economic Development or other agency-sponsored plans. For projects that are components of an agency-sponsored master plan, points will be awarded on the basis of the project's relative significance or priority within the overall plan. If the ADMS/ADMP/WCMP or other Master Plan has been adopted by the Agency, provide a copy of the adoption instrument (Resolution, Council Action, Board/Commission minutes, etc).

3. Hydrologic/Hydraulic Significance (10 points)

Describe existing watershed conditions. Where applicable, the description should assess both the contributing watershed and the availability and/or conveyance capacity of the receiving outfall system. The types of information to be considered include the following:

- a. Location in delineated floodway/floodway fringe area or non-delineated flood prone (minimum of two events in 10 years) area;
- b. Peak discharges and frequency of flooding events;
- c. Depth, velocity and duration of flow;
- d. Contributing watershed characteristics (size, slope, land use, etc.);
- e. Existing outfall characteristics (none, undersized, full capacity, etc.); and,
- f. Other.

4. Level of Protection (10 points)

Identify the flood return frequency (10-year to 100-year) to be addressed by the project. When applicable, information regarding both the anticipated design level of protection and the effective level of protection, such as that provided by storm drains combined with curb and gutter roadways, should be provided.

## PROJECT BENEFITS

### 5. Area Protected (25 points)

Provide a summary of the benefits that would be provided by completion of the project. The various types of information to be considered includes the following:

- a. The number and estimated value of residential, commercial and industrial buildings to be protected that are located in delineated floodways or 100-year floodplains;
- b. The number and estimated value of residential, commercial and industrial buildings to be protected that are not located in delineated floodplains;
- c. Number of public buildings (schools, libraries, churches, etc.) to be protected;
- d. Amount of infrastructure (roads, drainage/flood control or wastewater facilities, etc.) to be protected or enhanced (e.g., storm drain capacity increase from 2-10 years.);
- e. Amount of cultivated acreage to be protected by the project;
- f. Acreage of developed, agricultural and undeveloped land to be removed from the 100-year floodplain;
- g. Percentage of agency's jurisdictional area (developed and undeveloped) to be protected;
- h. Identify the population directly and indirectly benefited by the project;
- i. Age of development and length of time that the flooding problem has existed;
- j. Year drainage regulations and/or floodplain delineation were adopted;
- k. Will completion of the project result in a reduction of the floodplain and/or an improvement in the community's floodplain rating? and,
- l. Other.

### 6. Environmental Quality (8 points)

Provide enough detail to permit an evaluation of how the project may immediately or potentially benefit existing conditions in the areas of:

- a. Water quality (e.g., will stormwater be managed through basins or wetlands prior to its discharge to the receiving waters?);
- b. Vegetation and wildlife habitat (e.g., will an existing wildlife corridor be maintained/enhanced, or will new habitat areas be created through the provision of dedicated drainage/open space areas?);
- c. Environmentally sensitive areas (designated wildlife areas, riparian corridors, etc.) to be protected;

7. Area-wide Benefits (10 points)

These immediate or potential benefits will be weighed in addition to the flood control requirements of the project:

- a. Multiple-use features, benefits and contributions such as ground water enhancement (either through groundwater percolation or direct recharge), support for alternative forms of transportation such as trails and bike paths, support for recreation opportunities, restoration of riparian and other habitat, and other open space uses and activities.
- b. Contributions to the visual quality of the environment through preservation or enhancement of the natural character of the landscapes of Maricopa County and/or enhancement of local community character.
- c. Improvement of quality of life indicators such as, but not limited to, preservation or enhancement of cultural and historic resources, and opportunities for conservation education within the community.
- d. Qualifies for grant funding such as transportation enhancement funds, water protection funding, wildlife habitat improvement funding, or other specific grant funding.

PROJECT FUNDING

8. Total Project Cost (6 points)

Estimate the total design, land acquisition, and construction costs, and provide a projection of the amount of time necessary to complete each phase. At a minimum, qualitative information on environmental permitting/mitigation and aesthetic/public acceptance costs should also be included.

9. Level of Partner(s) Participation (8 points)

Provide pertinent information on the availability of other agency resources to assist with project implementation. The types of information to be considered include the following:

- a. Direct agency matching dollars available;
- b. An agency's financial capabilities and ad-valorem tax contributions to the District;
- c. The availability of non-cash contributions (R/W donations, etc.);
- d. Previous agency flood control expenditures in the project area;
- e. The availability of funds from other sources, such as federal matching funds or private contributions.

10. Operation & Maintenance Costs (5 points)

At a minimum, the request should qualitatively address expected future public costs for the operations and maintenance of the project.

11. Operation & Maintenance Responsibility (5 points)

Describe in detail which agency will be responsible for the operation & maintenance of the completed project. The discussion should include whether the District, the requesting agency, or others will be expected to assume responsibility for operations, maintenance and replacement.

**Note:**

The information provided in #9-11 above will be used to evaluate and rank the requested projects. The information provided will be considered for negotiation of project partnering agreements. However, specific partner responsibilities and cost-sharing amounts will be determined in discussions with District staff on a project by project basis.

Attachments:

Letter of Intent, Fiscal Year 2006/2007 Prioritization Procedure

**FY 2007 CIP Prioritization Procedure**

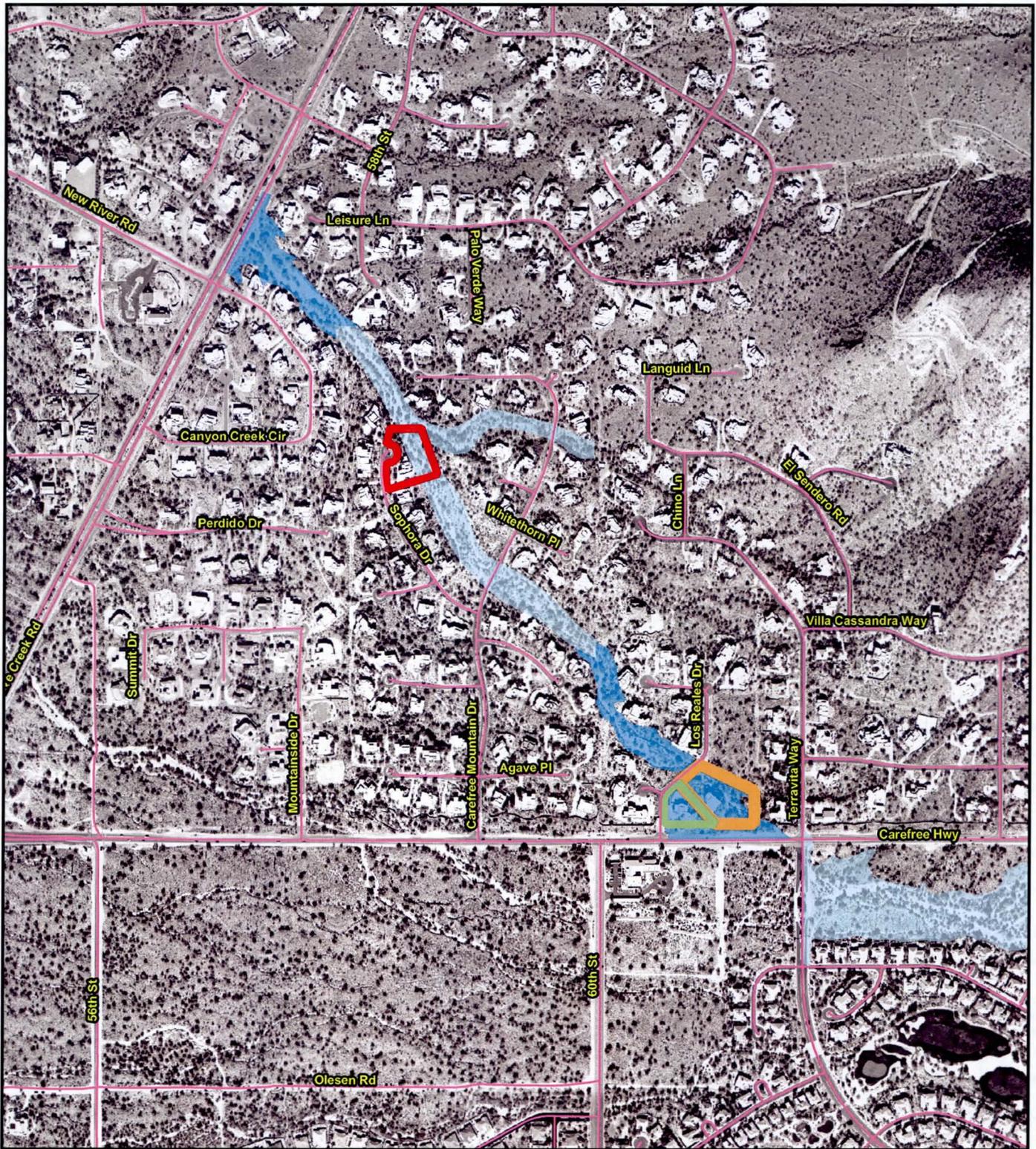
Project Name: Unnamed Central Tributary (UCT) - North Branch Flood Mitigation  
 Requested By: Town of Carefree  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	5
Master Plan Element	0-3	4-6	7-8	4
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	5
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	10
Area Protected	0-9	10-18	19-25	7
Environmental Quality	0-3	4-6	7-8	2
Area-wide Benefits	0-3	4-7	8-10	2
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	6
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	3
O&M Costs	High 0-2	Med 3-4	Low 5	5
O&M Responsibility	District 0	Others 3	Agency 5	5
			<b>TOTAL</b>	<b>54</b>

**Project Description:**

This project request is to remove three houses from the 100-year floodplain on the Unnamed Central Tributary of Cave Creek. This project was identified in the Carefree Drainage Master Plan completed in 2004. The floodproofing features of this project will be designed for the 100-year discharge. The project features include constructing a flood wall with erosion protection to protect one house and backfilling a low spot along the wash bank to preclude a 100-year breakout affecting two homes. In addition to removing the three houses, 1.67 acres of developed land will be removed from the floodplain. Two additional residential homes will benefit by the reduction of the overtopping discharge. The improvements will not affect any existing wildlife corridors or create any new dedicated drainage/open space areas. The project improvements will be designed to blend into the environment and character of the Town of Carefree. However, the project will not include any multi-use features. The Town proposes to fund 30% of the estimated \$218,000 project total. FCDMC would cost-share 70%. Operations & maintenance will be the responsibility of the Town with an estimated annual cost of \$1,000. As this is the only request submitted by the Town of Carefree, it is ranked first in priority.

# UnNamed Central Tributary (UCT) North Branch Flood Mitigation



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

- House1
- House2
- House3
- Floodplain Fringe
- Floodplain Fringe (Carefree DMP)
- Street Centerlines

0      450      900 Feet



Project #1: Send to Floodproofing Committee

**FY 2007 CIP Prioritization Procedure**

Project Name: Excavation for the Queen Creek Road Basin  
 Requested By: City of Chandler  
 Date: July 15, 2005

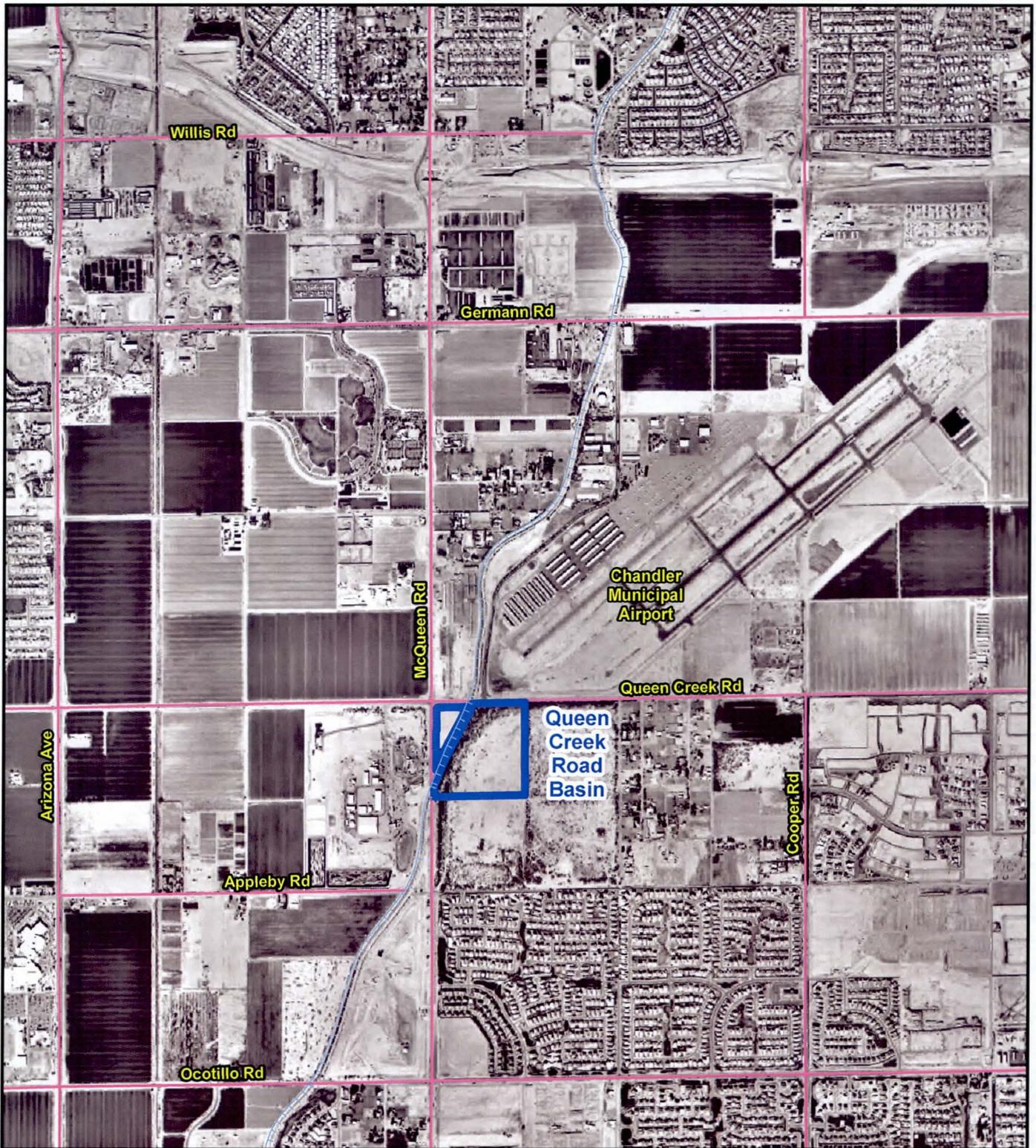
Factor	Range			PEC Points	
	Low	Med	High		
Agency Priority	0-1	2-4	5	Not Scored FY 2007	
Master Plan Element	0-3	4-6	7-8		
Hydrologic/Hydraulic Significance	0-3	4-7	8-10		
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10		
Area Protected	0-9	10-18	19-25		
Environmental Quality	0-3	4-6	7-8		
Area-wide Benefits	0-3	4-7	8-10		
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6		
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8		
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5		
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5		
			<b>TOTAL</b>		

This project was originally submitted for the FY 2004 Prioritization Procedure and was recommended with a score of 76. Funding in the amount of \$1,500,000 is currently budgeted in the FCDMC 5-Year CIP. The Project Control Number is 491.04.31. The City of Chandler is requesting an additional \$700,000 from the District for this project. This addition will receive a recommendation, but no new score. The City of Chandler ranks this project #1 in priority.

**Project Description:**

This project request is to modify the existing IGA to include additional funding due to inflation and fuel prices for the excavation of the Queen Creek Basin. The excavation of this property is related to the Higley ADMP and would provide a 100-year storm event level of protection. The total estimated cost of this request is \$700,000 to be funded 100% by the FCDMC. The City will be responsible for the operation & maintenance of the Queen Creek Basin after it is completed.

# Queen Creek Road Basin



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 1,000 2,000 Feet  
|-----|-----|



-  Queen Creek Road Basin
-  Consolidated Canal
-  Arterial Streets

Project #2: Not Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Higley Basin Study Modification  
 Requested By: City of Chandler  
 Date: July 15, 2005

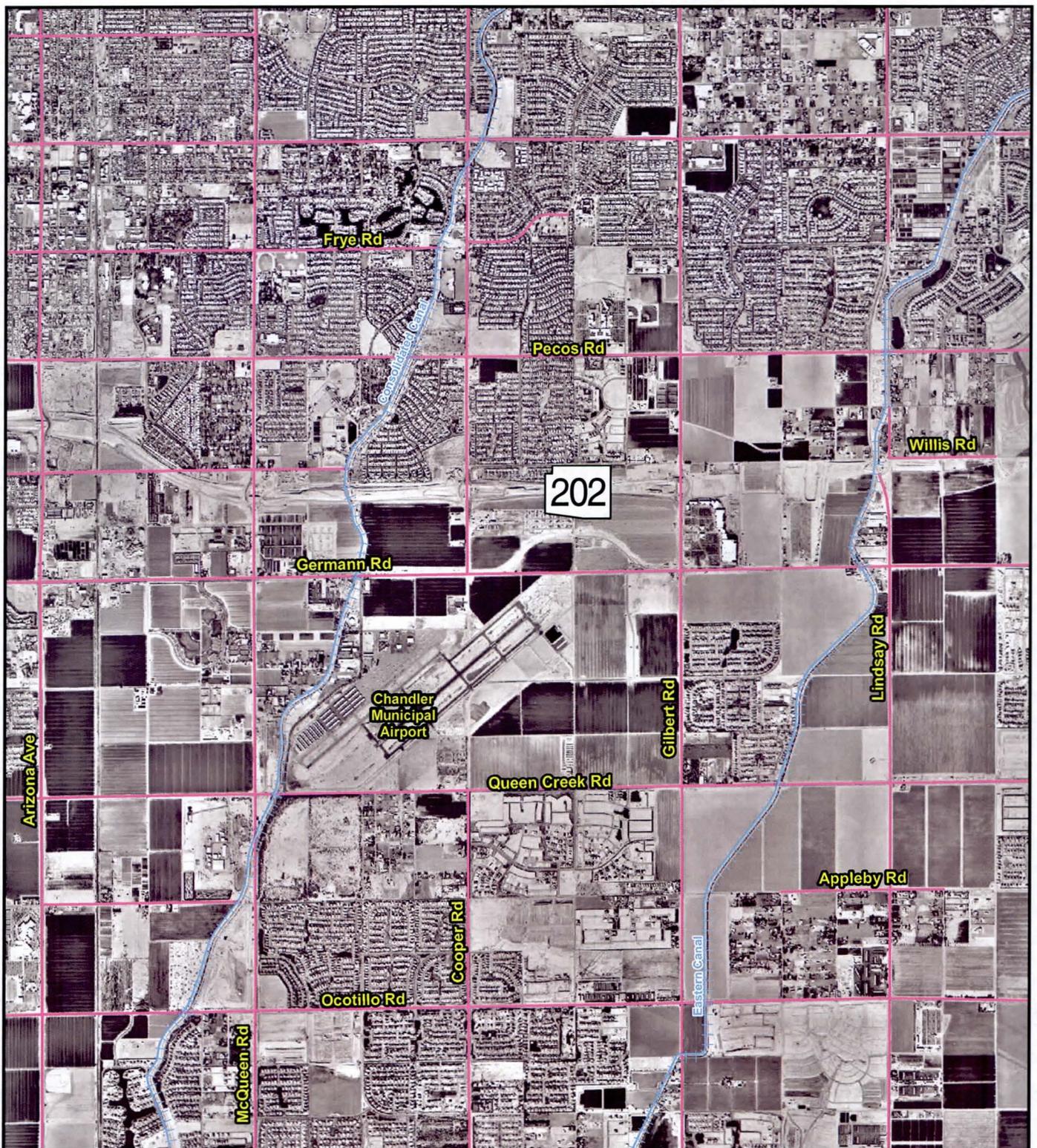
Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	Not Scored FY 2007
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This request is for the FCDMC to amend the completed Higley ADMP. The request was not scored since the Prioritization Evaluation Criteria does not apply to study requests.

**Project Description:**

This project request is to modify the Higley ADMP Study to include pump back systems from the Consolidated & Eastern Canals and Queen Creek Road Basin either northward to the ADOT Santan freeway drainage system or eastward to the Eastern Maricopa Floodway. The level of protection for the project is the 100-year storm event. The Higley ADMP recommends outfalls from the Consolidated and Eastern Canal Diversion Channels across the Gila River Indian Community to the Gila River. The City of Chandler is not willing to cost-share in the GRIC outfalls and wants a pump back alternative solution evaluated. It is anticipated that the completion of the Higley ADMP will reduce, and in some instances remove the floodplains along the canals and railroad. The total estimated cost for the study is \$200,000 to be funded by the FCDMC. The City will be responsible for any operations and maintenance of the pump back systems ultimately installed. The City of Chandler ranks this project #2 in priority.

# Higley Basin Study Modification



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

 Canal  
 Arterial Streets

0 2,000 4,000 Feet  




Project #3: Not Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Citywide Storm Drain & Maintenance Improvements  
 Requested By: City of Chandler  
 Date: July 15, 2005

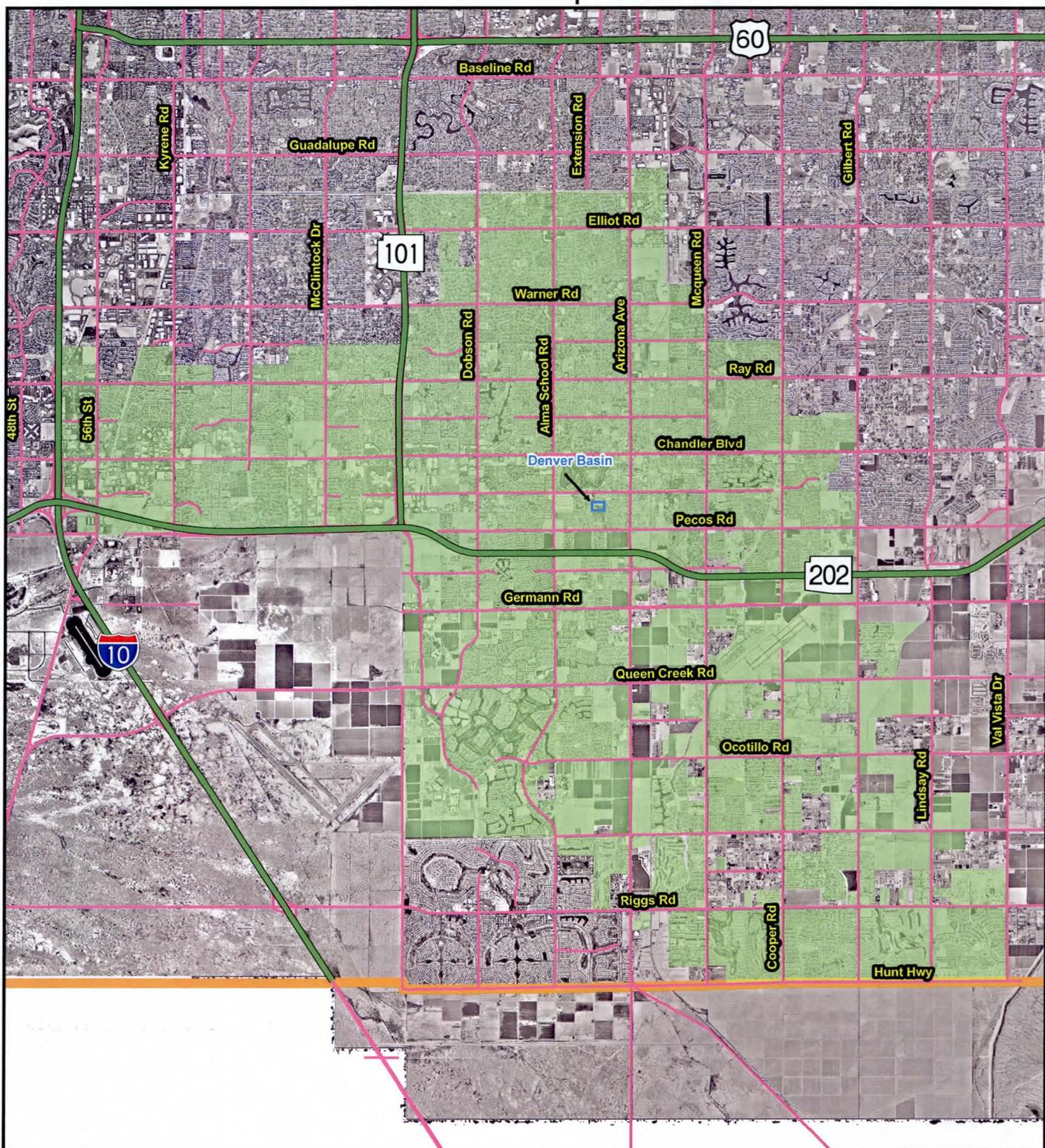
Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	Not Scored FY 2007
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	
Area Protected	0-9	10-18	19-25	
Environmental Quality	0-3	4-6	7-8	
Area-wide Benefits	0-3	4-7	8-10	
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	
O&M Costs	High 0-2	Med 3-4	Low 5	
O&M Responsibility	District 0	Others 3	Agency 5	
			<b>TOTAL</b>	

This request does not meet the Prioritization Evaluation Criteria, and is therefore, not scored.

**Project Description:**

This project consists of the replacement of city-wide inlet grates that do not meet AASHTO requirements, the soil stabilization of the banks along the recently constructed the Denver Basin (by the City of Chandler), and the purchase of a storm drain video camera for maintenance inspections to support compliance with National Pollutant Discharge Eliminations System (NPDES) Best Management Practices (BMPs). This project does not relate to an Area Drainage Master Plan, but is part of the City's long-range plan. The stabilization of the Denver Basin would help prevent erosion and subsequent deposit of soils into the downstream system. The banks of the Denver Basin would be improved after the soil stabilization is completed, which would result in an overall reduction of pollutants being transferred downstream. The estimated cost for these three projects is \$173,000. The City proposes to fund an estimated 50% of the project with the remainder to be funded by the FCDMC. Operation and maintenance will be the responsibility of the City. The City of Chandler ranks this project #3 in priority.

# Chandler Citywide Storm Drain & Maintenance Improvements



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

0 5,000 10,000 Feet



-  Chandler City Limits
-  Arterial Streets
-  County Boundary
-  Denver Basin

Project #4: Not Recommended

## FY 2007 CIP Prioritization Procedure

Project Name: Land Acquisition for the Consolidated Canal Diversion Channel  
 Requested By: City of Chandler  
 Date: July 15, 2005

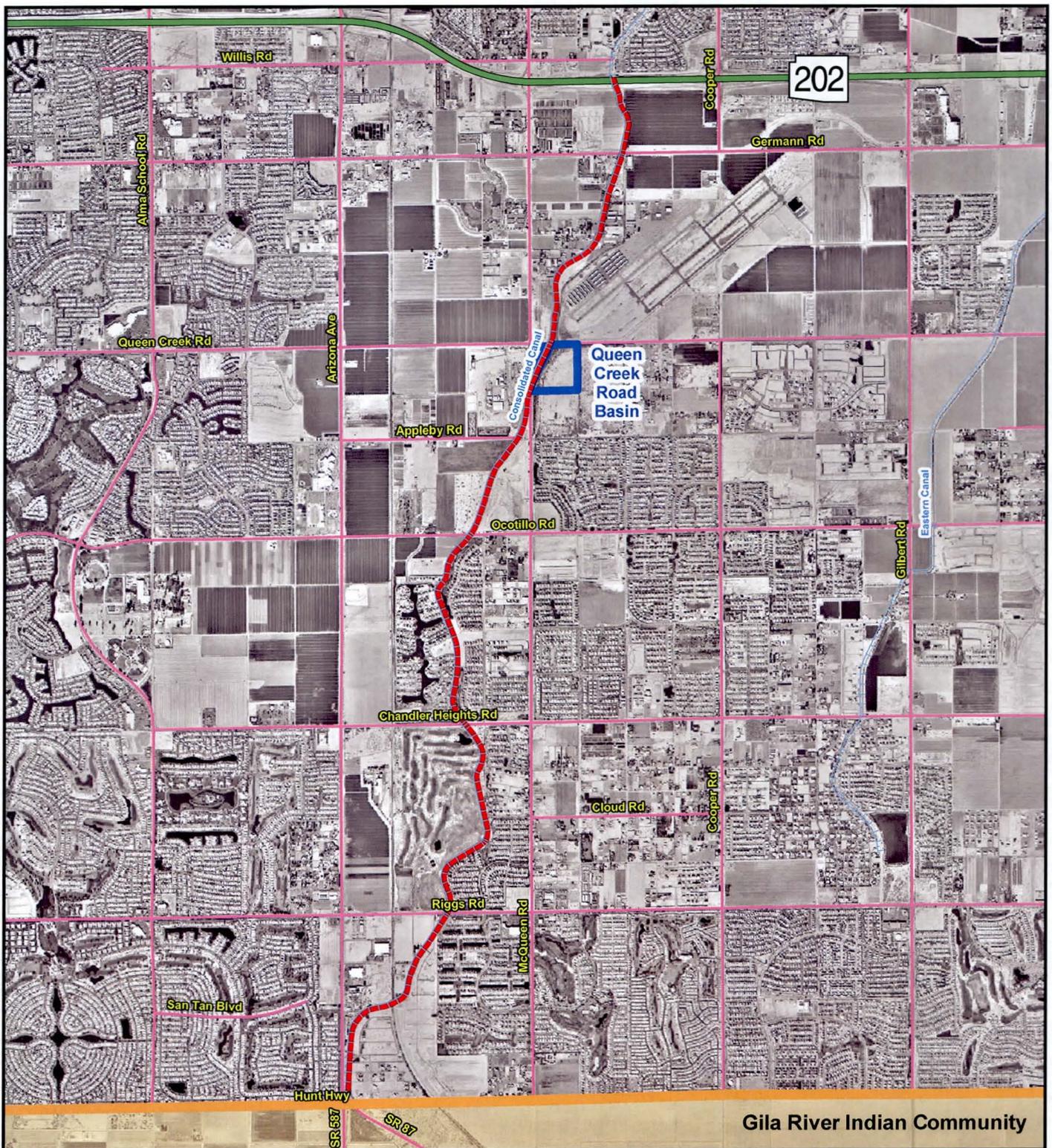
Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	Not Scored FY 2007
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This project was originally submitted for the FY 2004 Prioritization Procedure and was recommended with a score of 71. Funding is not currently budgeted in the FCD 5-Year CIP. A Project Control Number has not yet been assigned.

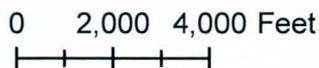
### Project Description:

This project consists of the acquisition of approximately 53 acres necessary to construct the Consolidated Canal Diversion Channel. The City has already acquired approximately 26 acres of this property. There is an immediate need to purchase the property necessary for the construction of the Consolidated Canal Diversion Channel in order to avoid having to purchase additional new homes in the future built in the channel right-of-way. The total estimated future acquisition cost is \$5.5 million plus the \$1.32 million already attributed through ROW acquisitions and plat dedication for a total of \$6.82 million. The City of Chandler proposes to fund an equivalent of 50%, which equates to a total of \$3.41 million. The City would be responsible for the operations and maintenance costs of this project. The City of Chandler ranks this project #4 in priority.

# Land Acquisition for Consolidated Canal Diversion Channel



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004



- Project Location
- ▭ Canal
- ▭ Queen Creek Road Basin
- ▭ Gila River Indian Community
- ▭ County Boundary
- Arterial Streets

Project #5: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

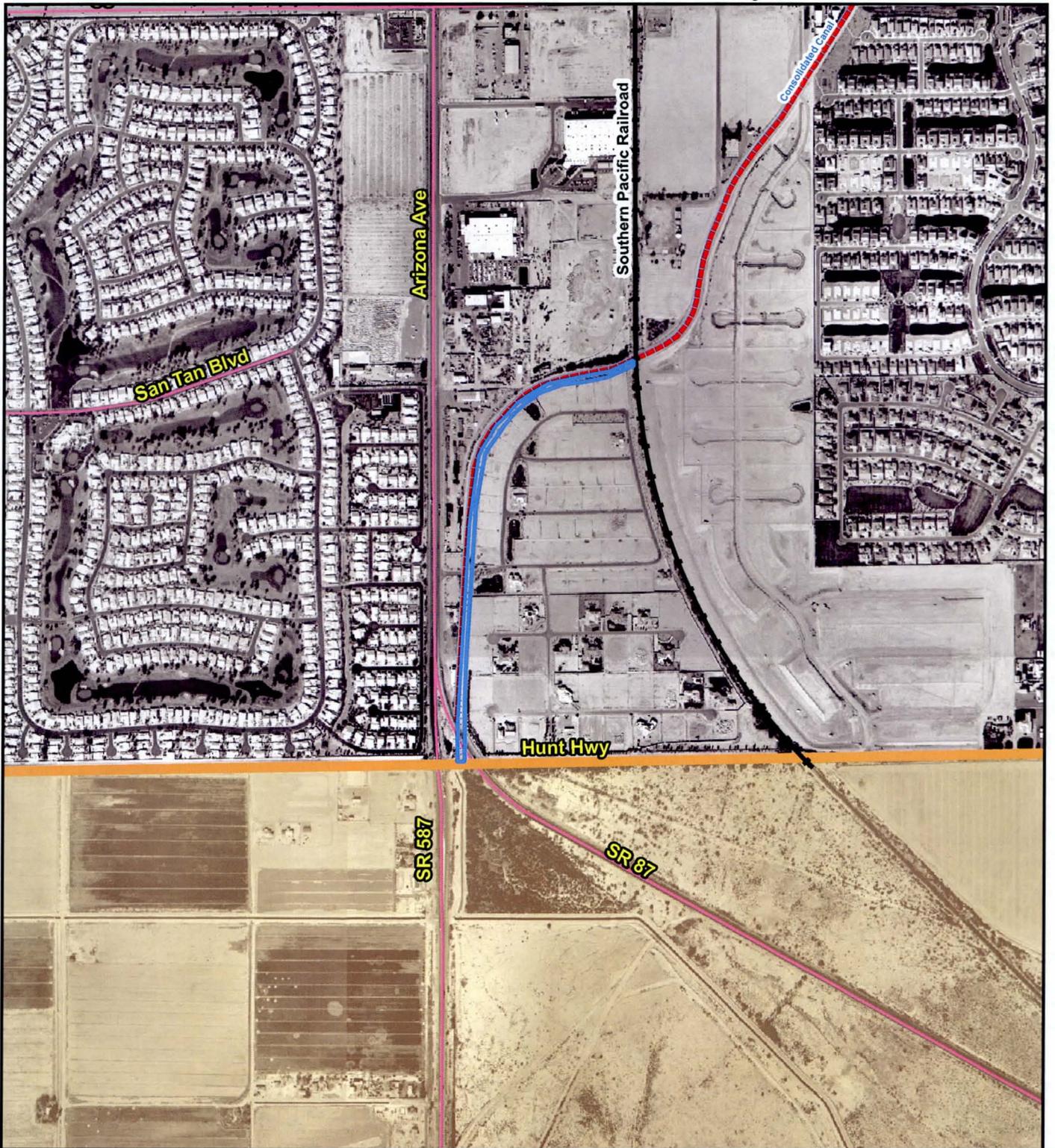
Project Name: Land Acquisition for the Consolidated Canal Diversion Channel  
 Outfall & SPRR Water Quality Basin  
 Requested By: City of Chandler  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	1
Master Plan Element	0-3	4-6	7-8	5
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	5
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	10
Area Protected	0-9	10-18	19-25	11
Environmental Quality	0-3	4-6	7-8	4
Area-wide Benefits	0-3	4-7	8-10	6
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	4
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	0
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	2
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	0
			<b>TOTAL</b>	<b>48</b>

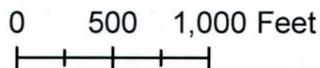
**Project Description:**

This project consists of pursuing an agreement with the Gila River Indian Community (GRIC) to acquire the property necessary for the Consolidated Canal Diversion Channel Outfall system, and to acquire the property along the upstream channel as part of the City of Chandler's planned Paseo recreation project. This project is a major component to the larger project of the Consolidated Canal Diversion Channel and will provide a 100-year level of protection. The City will not participate in the cost-sharing of the project features across the GRIC nor outside of the City jurisdiction. Without this component of the overall system, the project cannot be implemented. The City is requesting that the FCDMC pursue an agreement with the Gila River Indian Community to acquire the property. The total estimated cost for the purchase of approximately 60 acres is \$3.0 million to be 100% funded by the FCDMC. Operation & maintenance would also be the responsibility of the FCDMC. The City of Chandler ranks this project #5 in priority.

# Land Acquisition for the Consolidated Canal Diversion Channel Outfall & SPRR Water Quality Basin



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004



-  Channel Outfall Project Area
-  Gila River Indian Community
-  Consolidated Canal Diversion Channel
-  County Boundary
-  Railroad
-  Arterial Streets

Project #6: Not Recommended

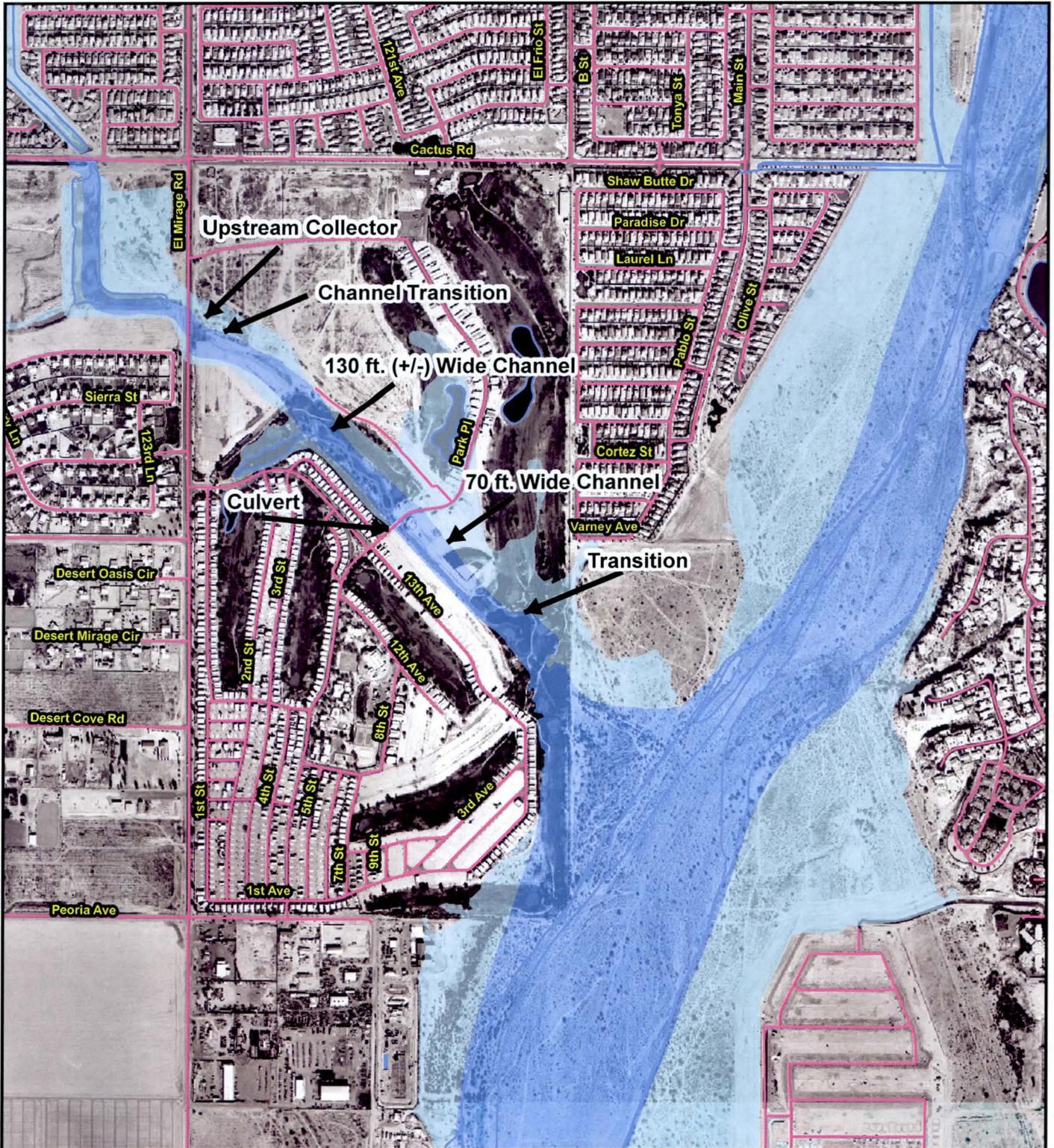
**FY 2007 CIP Prioritization Procedure**

Project Name: Lower El Mirage Wash Drainage Improvement & Flood Mitigation  
 Requested By: City of El Mirage  
 Date: July 15, 2005

Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	<b>5</b>
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	<b>5</b>
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	<b>6</b>
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	<b>9</b>
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	<b>12</b>
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	<b>4</b>
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	<b>4</b>
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	<b>6</b>
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	<b>3</b>
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	<b>3</b>
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	<b>3</b>
<b>Project Description:</b>			<b>TOTAL</b>	<b>61</b>

This project request is to provide flood mitigation and channel improvements for the Lower El Mirage Wash through the Pueblo El Mirage Resort and Golf Course. The project would consist of an upstream collector, a channel transition and channel downstream to Park Place, a culvert under Park Place, a channel downstream of Park Place, a transition and channel downstream of the 70 foot wide channel, and confluence design. This area was studied in the White Tanks/Agua Fria ADMP. Approximately 20 homes and 80 future sites will be removed from the 100-year floodplain. All of the 100 home sites are owned by Pueblo El Mirage Resort & Golf Course. The improvements will not have any impact on existing wildlife corridors. The area-wide benefit is that the channel will be designed to blend into the golf course environment. The total estimated cost of the project is \$1,449,200. The estimated cost does not include temporary housing expenses for affected property owners nor the cost to remove the 80 building sites from the 100-year floodplain. The FCDMC would cost share 70% of the project with the remainder funded by Robert's Resorts and the City. Operation and maintenance will be provided by the golf course operator. As this is the only request submitted by the City of El Mirage, it is ranked first in priority.

# Lower El Mirage Wash Drainage Improvement & Flood Mitigation



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

- Floodway
- Floodplain Fringe
- Watercourses
- Streets

0      1,000      2,000 Feet



Project #7: Not Recommended

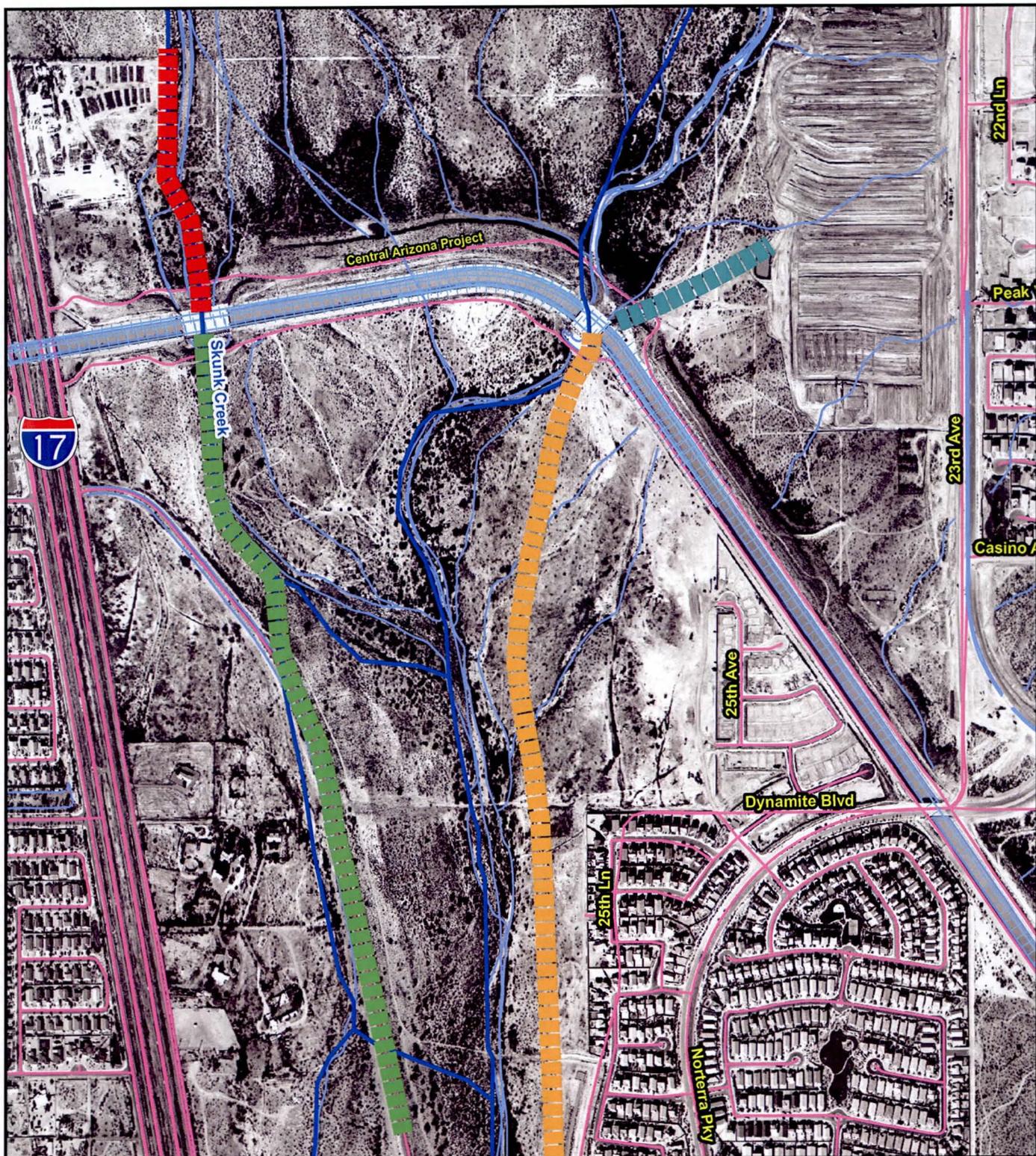
**FY 2007 CIP Prioritization Procedure**

Project Name: Skunk Creek at CAP Levees  
 Requested By: Flood Control District of Maricopa County  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	5
Master Plan Element	0-3	4-6	7-8	7
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	7
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	10
Area Protected	0-9	10-18	19-25	20
Environmental Quality	0-3	4-6	7-8	5
Area-wide Benefits	0-3	4-7	8-10	7
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	2
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	7
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	3
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	2
<b>Project Description:</b>	<b>TOTAL</b>			<b>75</b>

This project request is to extend existing Skunk Creek levees on the south side of the Central Arizona Project (CAP) to tie into CAP embankment and to raise existing levees on the north side of the CAP to effectively contain the flows from Skunk Creek and Sonoran Wash so that flooding of the I-17 does not occur. Three proposals were submitted. Scoring is based on the Soil-Cement Bank Protection option and includes Land cost estimates. The Skunk Creek Watercourse Master Plan identified this as a problem area. The levees will be designed for the 100-year discharge. This project will protect approximately two businesses, ten single-family homes, and an entire subdivision. It will also preclude 100-year Skunk Creek and Sonoran Wash flows from entering the CAP Canal. 150 acres of developable land would be removed from the 100-year flood hazard. The project will not affect any existing wildlife corridors or create any new dedicated drainage/open space areas. A regional multi-use pathway along the CAP Canal is planned as well as proposed trails located along Skunk Creek and Sonoran Wash. The estimated cost of this project is \$8.9 million. The proposed cost-share is 30% FCDMC, 30% City of Phoenix, 30% ADOT, and 10% CAP. Operation and maintenance responsibility will need to be negotiated. This project is ranked first in priority by the FCDMC out of the two submitted projects.

# Skunk Creek at CAP Levees



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

0 750 1,500 Feet



- |   |         |   |         |
|---|---------|---|---------|
|  | Levee 1 |  | Creek   |
|  | Levee 2 |  | Canal   |
|  | Levee 3 |  | Washes  |
|  | Levee 4 |  | Streets |

Project #8: Recommended

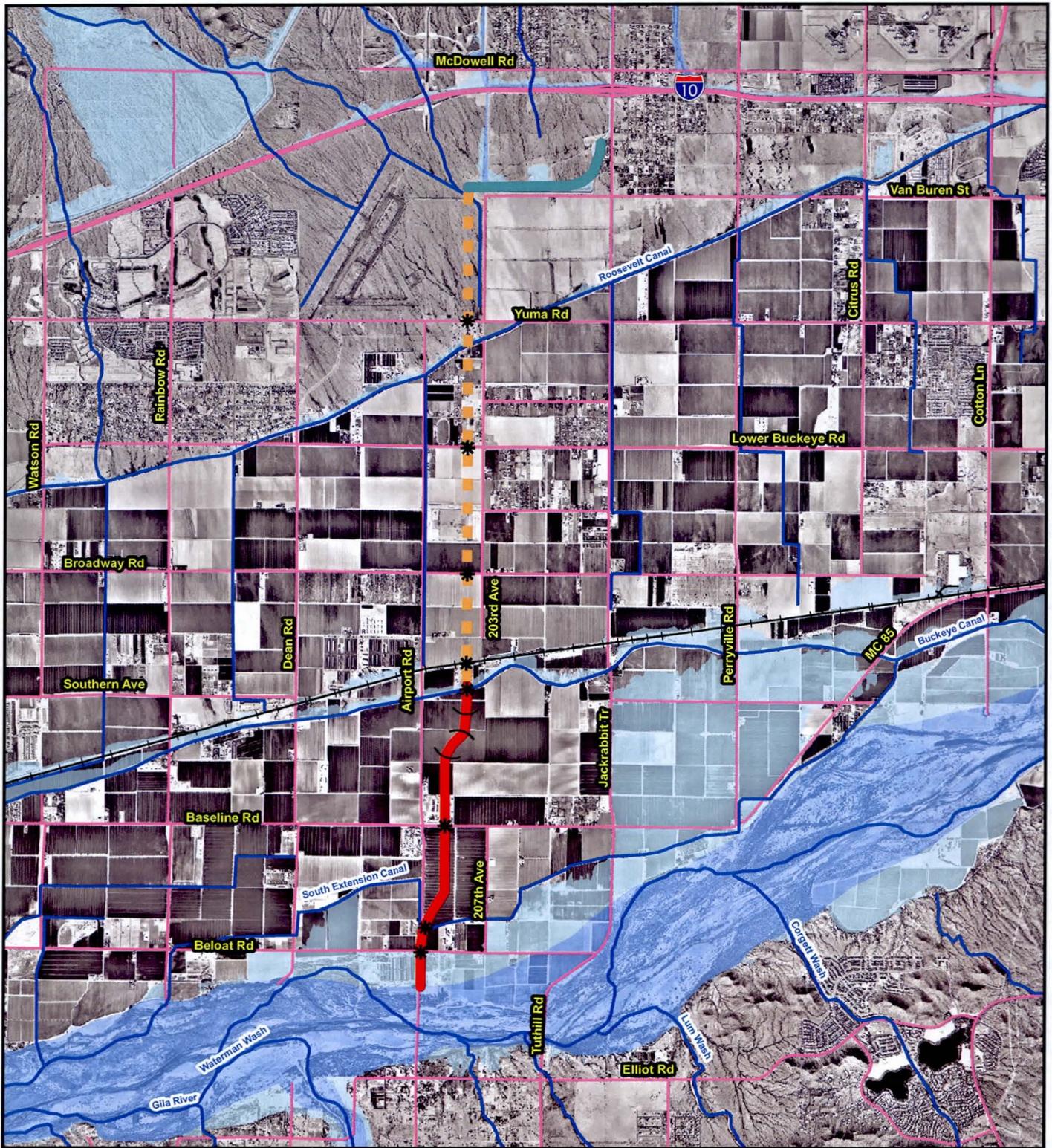
**FY 2007 CIP Prioritization Procedure**

Project Name: Tuthill/Liberty Channel  
 Requested By: Flood Control District of Maricopa County  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	3
Master Plan Element	0-3	4-6	7-8	6
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	7
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	9
Area Protected	0-9	10-18	19-25	16
Environmental Quality	0-3	4-6	7-8	5
Area-wide Benefits	0-3	4-7	8-10	7
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	1
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	5
O&M Costs	High 0-2	Med 3-4	Low 5	3
O&M Responsibility	District 0	Others 3	Agency 5	2
<b>Project Description:</b>			<b>TOTAL</b>	<b>65</b>

This project will extend from the south side of the BWCDD canal along the Tuthill Road alignment to the Gila River at the Airport Road alignment. The channel is included in the Loop 303 Corridor/White Tanks ADMP as a very important emergency/ultimate outfall for the White Tanks FRS #4. Tuthill/Liberty Channel will provide significant hydraulic conveyance for this region. Besides serving as a defined outlet for FRS #4, the Tuthill Channel will alleviate the historic excess runoff affecting the area. The Tuthill/Liberty portion of the Tuthill Channel will be designed for conveyance of the 100-year, 24-hour peak discharge in accordance with the ADMP. The completion of this project will not result in reduction of existing floodplains. However, a regional drainage outfall will be provided for existing and future local residences, schools, fire stations, roadways, and agricultural land. No natural habitat areas will be adversely affected. The estimated cost of this 2.5 mile long project is \$23,000,000 with a proposed 50/50 cost-share between the FCDMC and the developer, Liberty, LLC. Operation and maintenance would be a shared responsibility of the FCDMC and the future HOA. This project is the second priority of the two requests from the Flood Control District of Maricopa County.

# Tuthill/Liberty Channel



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

0 3,000 6,000 Feet



- |  |                                  |   |                   |
|--|----------------------------------|---|-------------------|
|  | Proposed Tuthill Liberty Channel |  | Washes            |
|  | Channel by Others                |  | Floodway          |
|  | White Tanks FRS #4               |  | Floodplain Fringe |
|  | Railroad                         |  | Arterial Streets  |
|  | Drainage Structure               |  | Dip Crossing      |
|  | All Weather Crossing             |   |                   |

Project #9: Recommended

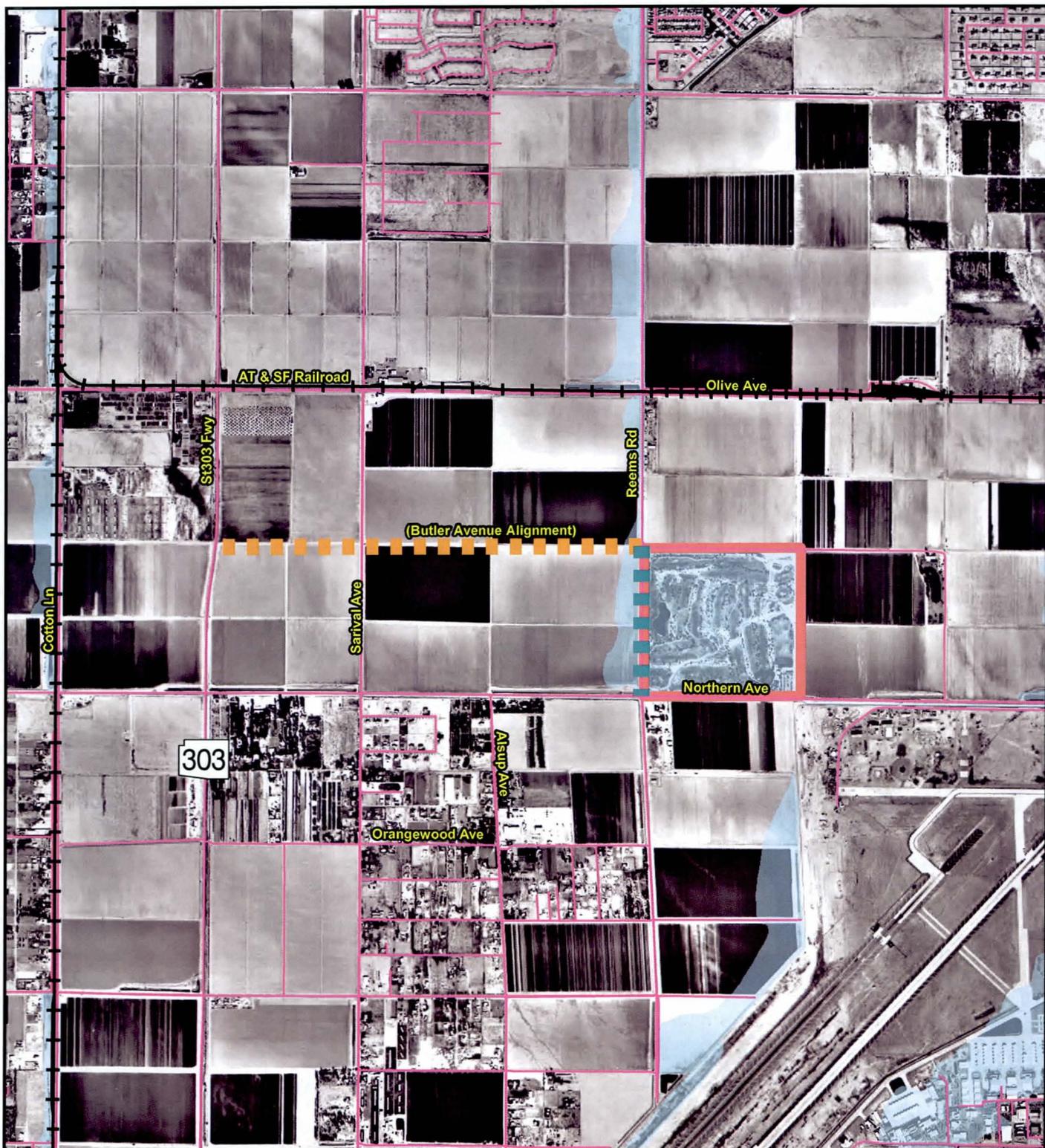
**FY 2007 CIP Prioritization Procedure**

Project Name: Northern Parkway Channel & Reems Road South Channel  
 Requested By: Maricopa County Department of Transportation  
 Date: July 15, 2005

Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	5
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	6
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	6
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	9
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	13
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	4
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	5
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	4
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	5
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	4
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	5
<b>Project Description:</b>	<b>TOTAL</b>			<b>66</b>

This project request is for a drainage channel along the north side of Northern Parkway from Loop 303 to Reems Road and along the west side of Reems Road from Northern Parkway to the Luke Air Force Base basin. Flooding hazards in this area are identified in the Loop 303/White Tanks ADMP. The population that would benefit directly from the project includes local farming activity, future development and the traveling public. Approximately 58 acres of property will be removed from the floodplain west of Reems Road. This project was modeled for the 100-year, 24-hour storm and will not impact any known natural habitat. The estimated cost of this project is \$4 million with a proposed cost share of 50% FCDMC, 25% City of Glendale, and 25% MCDOT. Operation and maintenance responsibility would belong to MCDOT. MCDOT ranks this project first in priority of the three requests to the FY 2007 Prioritization Procedure.

# Northern Parkway Channel & Reems Road South Channel



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

0 2,500 5,000 Feet



-  Proposed Northern Parkway Channel
-  Proposed Reems Road Channel
-  Basin
-  Floodway
-  Floodplain Fringe
-  Railroad

Project #10: Recommended

**FY 2007 CIP Prioritization Procedure**

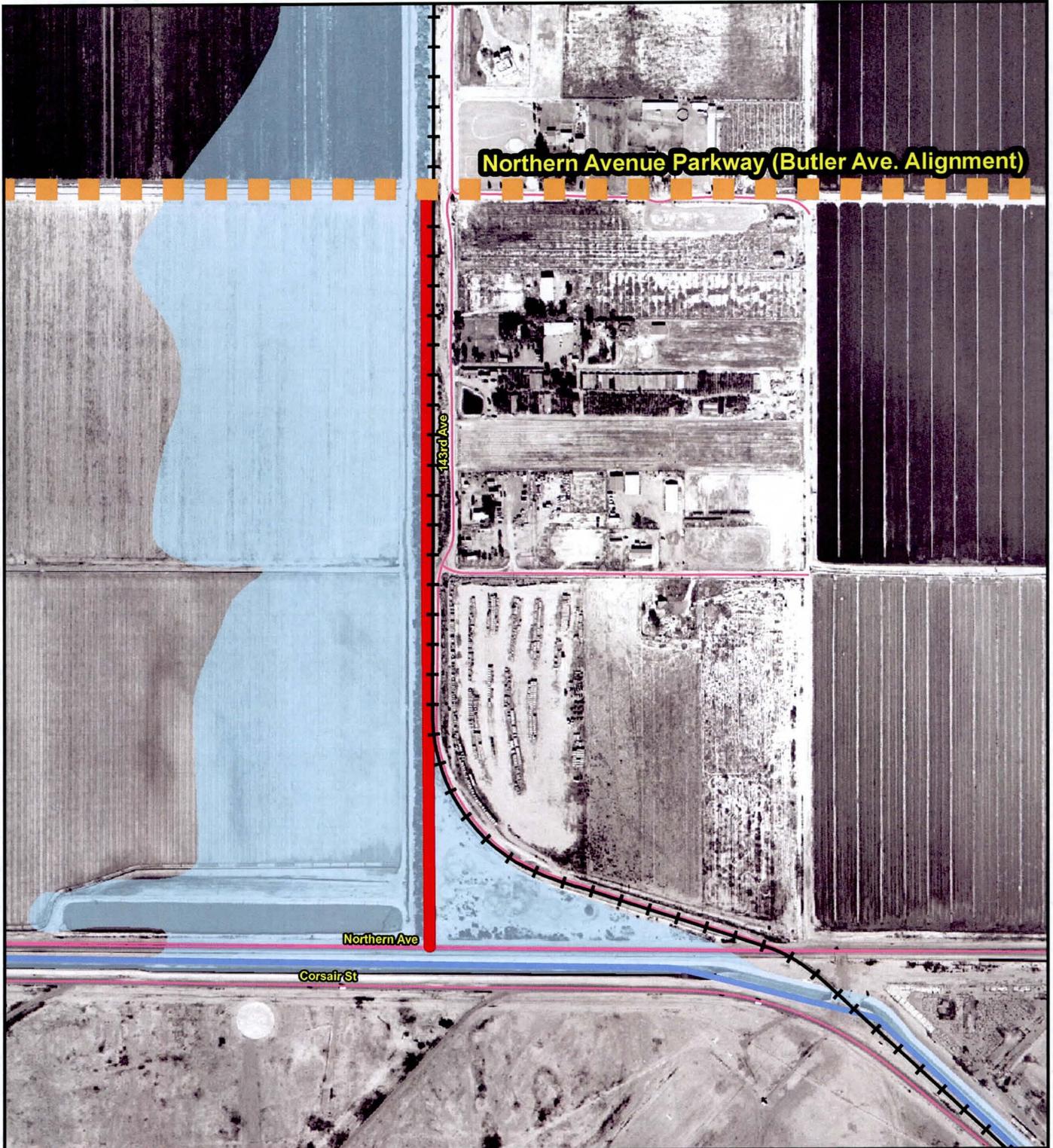
Project Name: AT&SF Channel  
 Requested By: Maricopa County Department of Transportation  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	4
Master Plan Element	0-3	4-6	7-8	6
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	5
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	10
Area Protected	0-9	10-18	19-25	10
Environmental Quality	0-3	4-6	7-8	3
Area-wide Benefits	0-3	4-7	8-10	4
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	5
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	6
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	3
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	0
			<b>TOTAL</b>	<b>55</b>

**Project Description:**

This project request is to construct a 1/2 mile portion of the AT&SF Railroad Channel from the Dysart Drain to Northern Parkway. This channel appears in the Loop 303/White Tanks ADMP but has not yet been scheduled for construction. The project will provide a 100-year level of protection. The channel will convey flows from a new channel to be constructed along the Northern Parkway and convey the flows to the existing Dysart Drains. No environmentally sensitive areas have been identified. The estimated cost of this project is \$3.23 million with a proposed cost share of 50% FCDMC, 25% City of Glendale, and 25% MCDOT. Operation and maintenance responsibility would belong to the FCDMC. MCDOT ranks this project second in priority of the three requests to the FY 2007 Prioritization Procedure.

# AT & SF Channel



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

- AT & SF Channel
- Dysart Drain
- Railroad
- Floodway
- Floodplain Fringe
- Streets

0 500 1,000 Feet



Project #11: Not Recommended

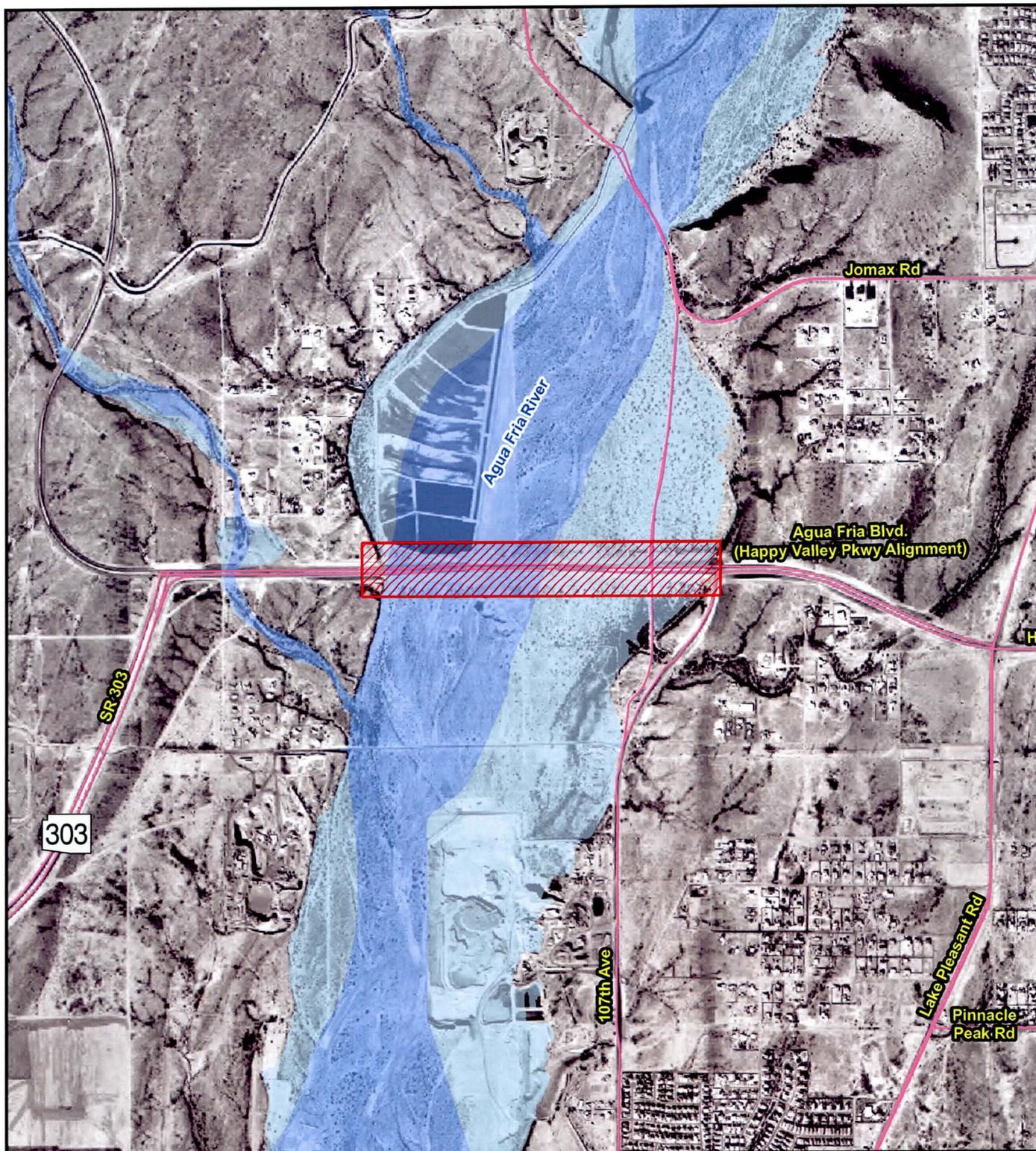
**FY 2007 CIP Prioritization Procedure**

Project Name: Agua Fria Boulevard Scour Protection  
 Requested By: Maricopa County Department of Transportation  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	3
Master Plan Element	0-3	4-6	7-8	5
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	5
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	9
Area Protected	0-9	10-18	19-25	7
Environmental Quality	0-3	4-6	7-8	3
Area-wide Benefits	0-3	4-7	8-10	5
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	6
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	5
O&M Costs	High 0-2	Med 3-4	Low 5	3
O&M Responsibility	District 0	Others 3	Agency 5	5
<b>Project Description:</b>			<b>TOTAL</b>	<b>56</b>

This project request proposes to design and construct a drop/grade control structure at the Agua Fria River crossing of Agua Fria Boulevard (Interim Loop 303) to protect the new bridge from possible failure when exposed to full scour during a 100-year event. This area was studied in the Agua Fria Watercourse Master Plan Addendum. Information regarding hydrologic/hydraulic significance, environmental quality, and area-wide benefits were not included as part of this Prioritization request. The estimated cost of the project is \$2,000,000 with a proposed cost-share 50% MCDOT and 50% FCDMC. MCDOT ranks this project third in priority of the three requests to the FY 2007 Prioritization Procedure. MCDOT will be responsible for the construction and operation and maintenance of the project.

# Agua Fria Boulevard Scour Protection



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 1,000 2,000 Feet



-  Project Area
-  Floodway
-  Floodplain Fringe
-  Arterial Streets

Project #12: Not Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Boulder Mountain Elementary School Detention Basin System  
 East McKellips Road Drainage System  
 Lower Ellsworth Road Storm Drain System  
 Requested By: City of Mesa  
 Date: July 15, 2005

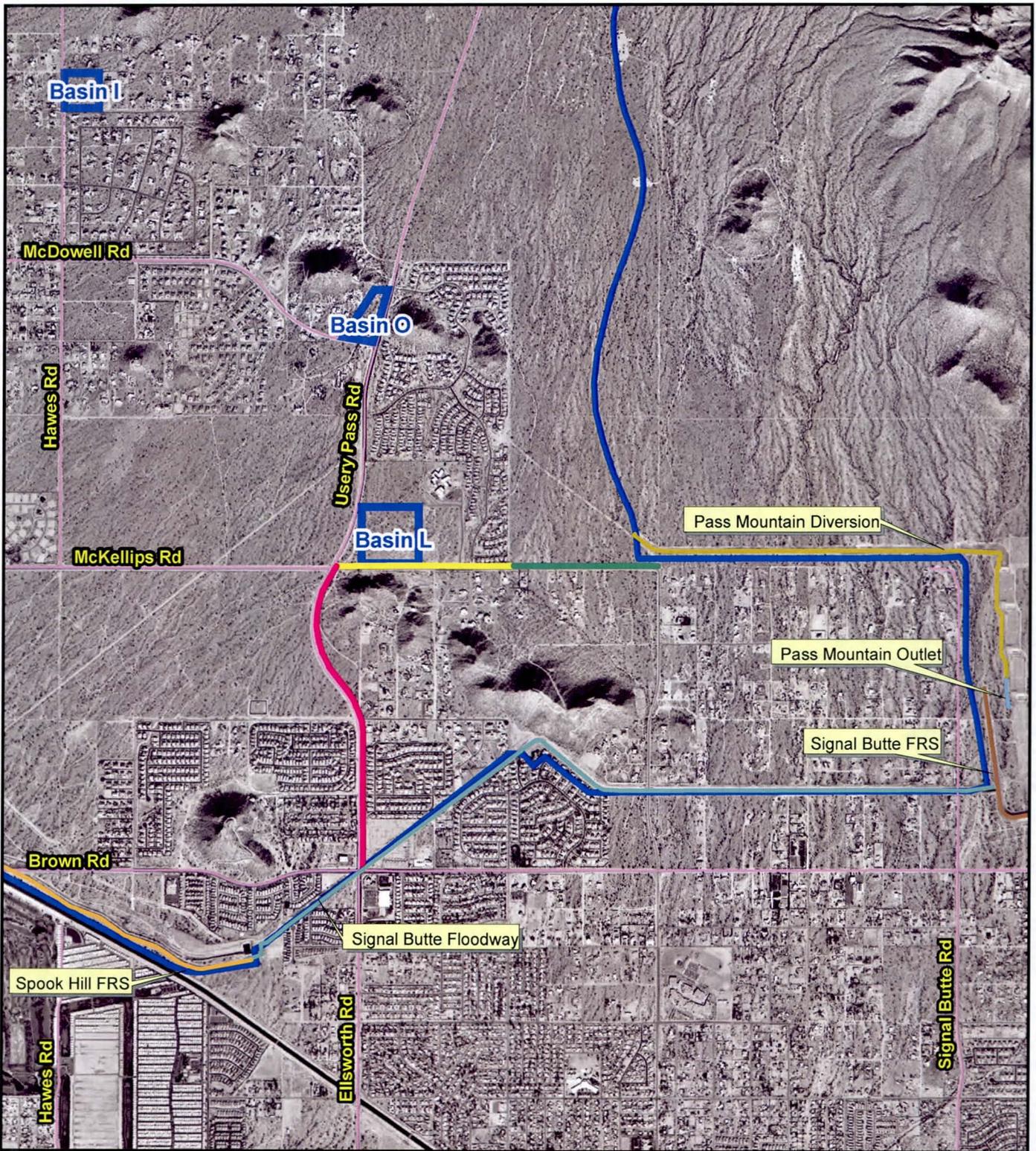
Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	Not Scored FY 2007
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	0-9	10-18	19-25	
Environmental Quality	0-3	4-6	7-8	
Area-wide Benefits	0-3	4-7	8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This project was originally submitted for the FY 2004 FCD CIP Prioritization Procedure and was recommended with a score of 64. Funding is not currently budgeted in the FCD 5-Year CIP. A Project Control Number has not yet been assigned. The estimated cost is \$8.6 million. This project is Mesa's fourth priority project of this year's requests.

**FY 2004 Prioritization Request Project Description:**

This project proposal is to construct approximately 1.5 miles of storm drain, 0.5 miles of open channel and a 32 acre detention basin to attenuate flows, convey runoff to the Signal Butte Floodway and mitigate downstream flooding. This project is a part of the Spook Hill ADMP and would provide a 100-year level of protection where feasible. The benefited area includes major roadways, a church, approximately 50 existing single family homes and future development. This project would provide an opportunity to improve water quality and minimize the impacts of the construction project. It is proposed MCDOT cost-share 25% of the costs, FCDMC would cost-share 50% of the costs, and the City of Mesa would cost-share 25%. FCDMC would be the lead agency in all aspects with the City of Mesa acquiring land and assuming O&M facilities within their jurisdiction. The City of Mesa would assume operation and maintenance of facilities within City limits.

# Boulder Mountain Elementary School Detention Basin, East McKellips Road Conveyance System, and Lower Ellsworth Road Storm Drain System



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

0 2,500 5,000 Feet



- Pass Mountain Diversion
- Pass Mountain Outlet
- Signal Butte FRS
- Signal Butte Floodway
- Spook Hill FRS
- Spook Hill Floodway
- Boulder Mountain Elementary School Detention Basin - L
- Proposed Storm Drain - R
- Proposed Underground Box Culvert & Storm Drain - M and N
- Proposed Wide Open Channel - Q
- Proposed Basins
- Spook Hill ADMP Boundary

Project #16: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Ellsworth Road Detention Basin System  
 Upper Ellsworth Road Storm Drain System  
 Requested By: City of Mesa  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	Not Scored FY 2007
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

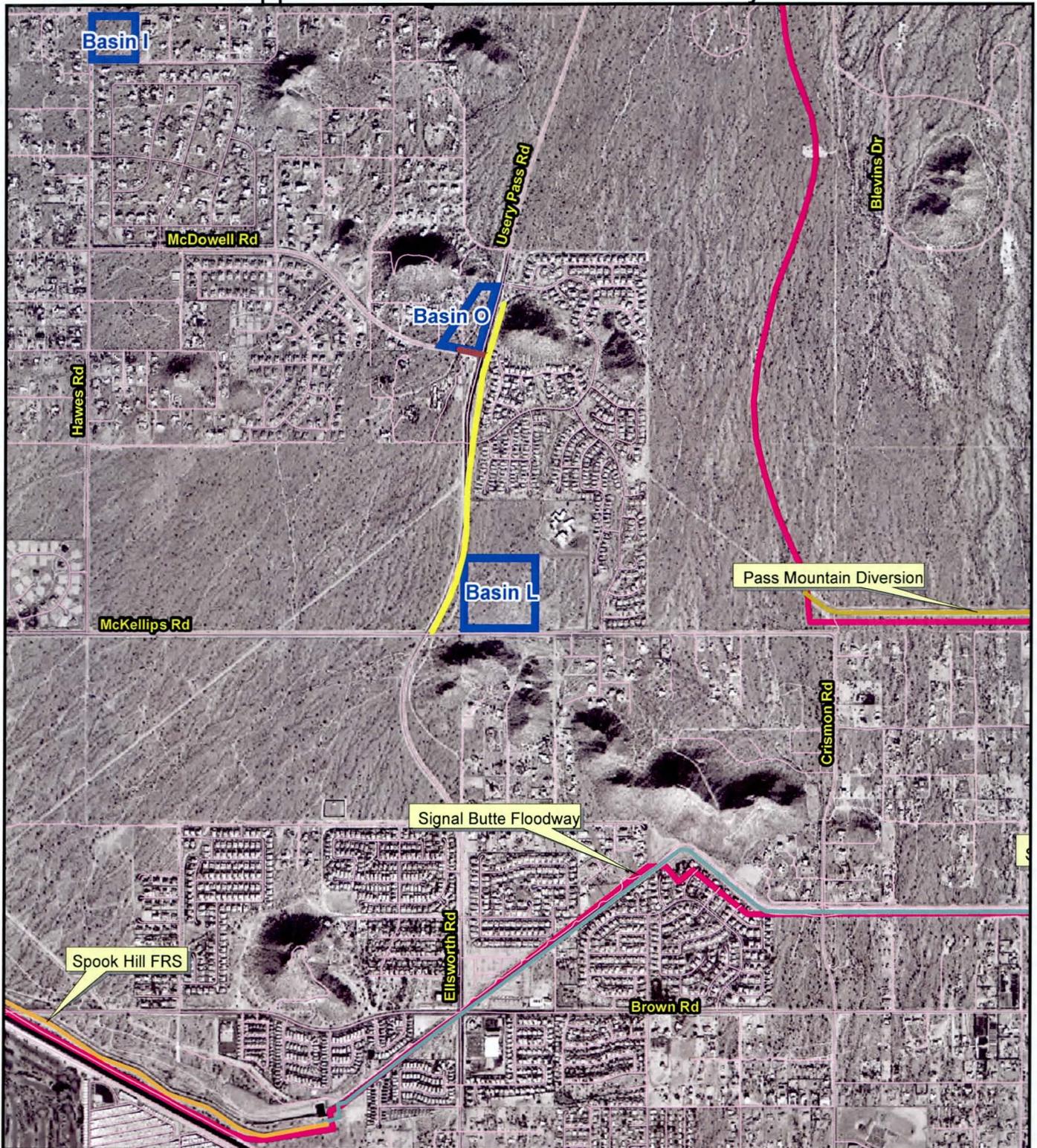
**Project Description:**

This project was originally submitted for the FY 2004 FCD CIP Prioritization Procedure and was recommended with a score of 64. Funding is not currently budgeted in the FCD 5-Year CIP. A Project Control Number has not yet been assigned. The estimated project cost is \$3.56 million. This project is Mesa's fifth priority project of this year's requests.

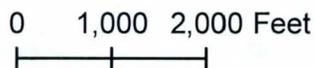
**FY 2004 Prioritization Request Project Description:**

This project proposal is to construct approximately 1 mile of storm drain and a 9 acre detention basin to attenuate flows, convey runoff to downstream facilities and mitigate downstream flooding. This project is a part of the Spook Hill ADMP and would provide a 100-year level of protection where feasible. The benefited area includes roadways, a church, and approximately 20 single family homes. This project would provide an opportunity to improve water quality and minimize the impacts of the construction project. It is proposed FCDMC and MCDOT would pay 75% of the costs. The City of Mesa would cost share 25%. FCDMC would be the lead agency and would assume land acquisition and O&M responsibilities within their jurisdiction.

# Ellsworth Road Detention Basin System & Upper Ellsworth Road Storm Drain System



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004



- Pass Mountain Diversion
- Pass Mountain Outlet
- Signal Butte FRS
- Signal Butte Floodway
- Spook Hill FRS
- Spook Hill Floodway
- Ellsworth Road Detention Basin - O
- Proposed Discharge System Storm Drain - U
- Proposed Underground Storm Drain - K
- Proposed Basins
- Street Centerlines
- Spook Hill ADMP Boundary

Project #17: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Pecos North and Pecos South Detention Basins  
 Requested By: City of Mesa  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	Not Scored FY 2007
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	0-9	10-18	19-25	
Environmental Quality	0-3	4-6	7-8	
Area-wide Benefits	0-3	4-7	8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

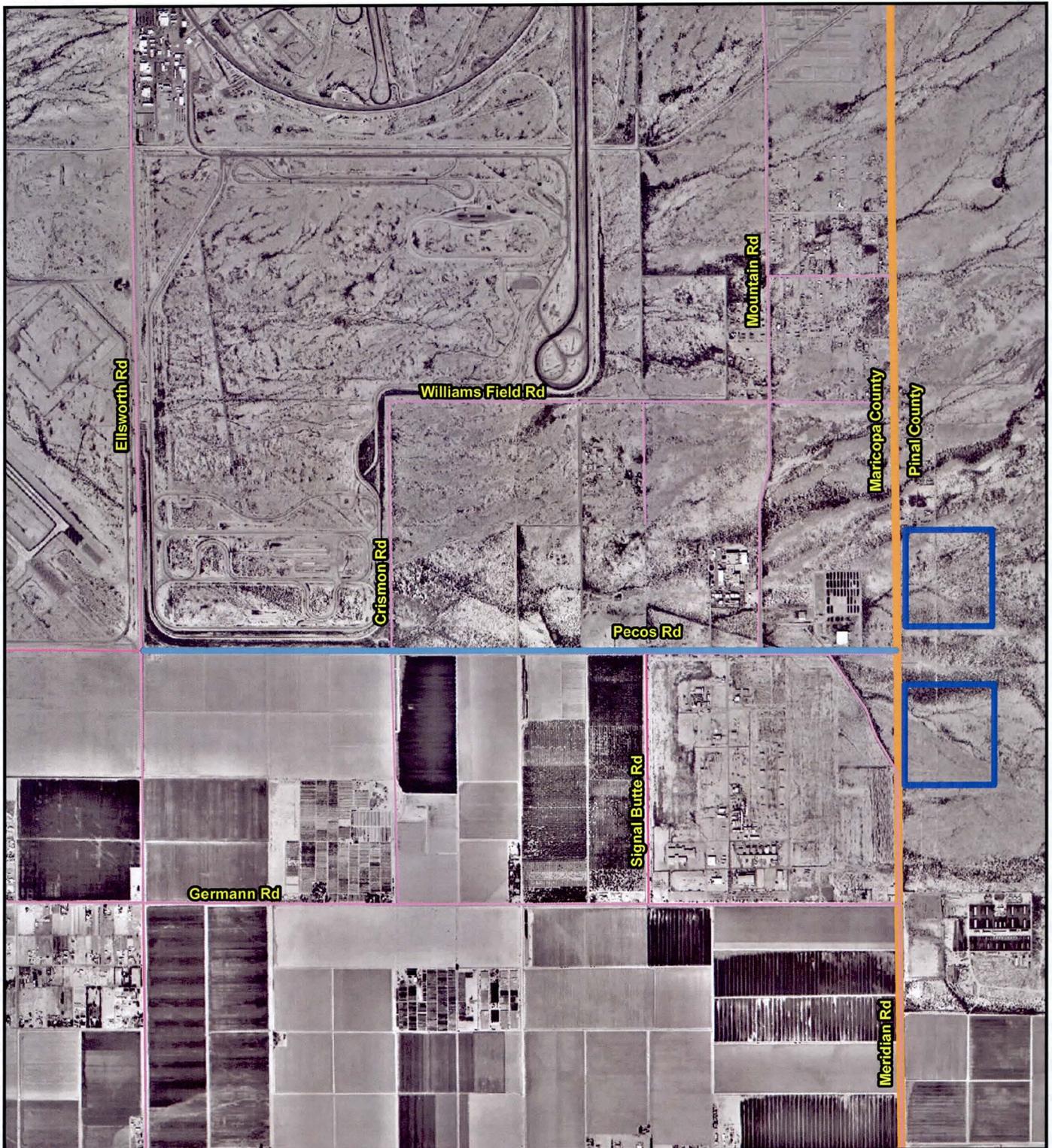
This project was originally submitted for the FY 2000 FCD CIP Prioritization Procedure and was recommended with a score of 64. Funding is not currently budgeted in the FCD 5-Year CIP. A Project Control Number has not yet been assigned. This project is Mesa's sixth priority project of this year's requests.

**FY 2000 Prioritization Request Project Description:**

This project involves the construction of two detention basins in Pinal County. The Pecos North Basin will have a volume of 280 acre-feet and will be located east of Meridian Road and north of the Pecos Rd. alignment. The Pecos South Basin will have a volume of 277 acre-feet and will be located east of Meridian Road and south of the Pecos Road alignment. The project goal is to collect runoff from Pinal County, attenuate flows to reduce downstream flooding, and reduce the size and cost of downstream conveyance facilities moving water into the proposed Pecos Channel for eventual conveyance to the East Maricopa Floodway. The areas protected include four large industrial sites - GM Proving Grounds, TRW, Olin Mitsubishi and Baker Recycling and approx. 2000 acres. The estimated cost of the project is \$15.5 million, of which Mesa would fund 25%. The FCDMC would be responsible for operation and maintenance costs of \$180,000/year.

NOTE: This project will be affected by future transportation projects in the area and will most likely need to be revised.

# Pecos North & Pecos South Detention Basins



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

-  Proposed Detention Basins
-  Proposed Channel
-  Arterial
-  County Boundary

0 1,500 3,000 Feet




Project #18: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Pecos Road Channel  
 Requested By: City of Mesa  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	Not Scored FY 2007
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	
Area Protected	0-9	10-18	19-25	
Environmental Quality	0-3	4-6	7-8	
Area-wide Benefits	0-3	4-7	8-10	
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	
O&M Costs	High 0-2	Med 3-4	Low 5	
O&M Responsibility	District 0	Others 3	Agency 5	
			<b>TOTAL</b>	

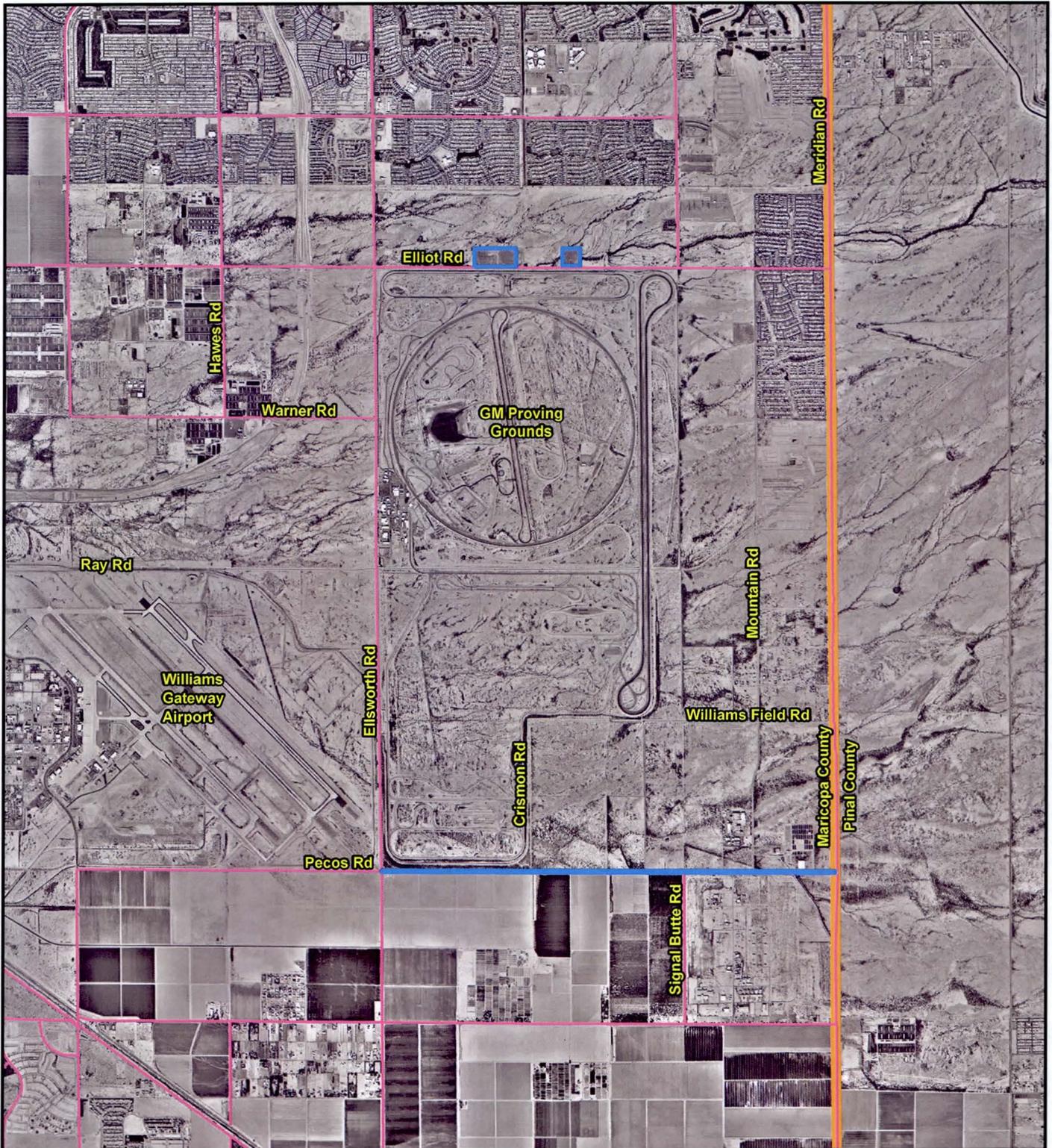
This project was originally submitted for the FY 2000 FCD CIP Prioritization and was recommended with a score of 64. Funding is not currently budgeted in the FCD 5-Year CIP. A Project Control Number has not yet been assigned. The current estimated cost of this project is \$14 million. This project is Mesa's seventh priority project of this year's requests.

**FY 2000 Prioritization Request Project Description:**

The proposed project will install a drainage channel along the Pecos Road alignment, extending from Meridian Road to Ellsworth Road. The channel will be an outlet for two proposed detention basins located at the northeast and southeast corners of Meridian and Pecos Roads. The Pecos Channel is a 3-mile earthen channel with five culvert crossings and a 1000-foot section of box culvert. The channel intercepts a collector channel that conveys runoff from the south portion of the GM Proving Grounds. The Pecos Channel outfalls to a future channel (currently under construction) along Ellsworth Road for conveyance to the East Maricopa Floodway (EMF). Four major industrial enterprises will be protected from flood waters. Mesa is prepared to pay 25% of the costs. The FCDMC would be responsible for operation and maintenance costs.

NOTE: This project will be affected by future transportation projects in the area and will most likely need to be revised.

# Pecos Road Channel



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 2,500 5,000 Feet  
|-----|-----|



-  Proposed Channel
-  Arterial Streets
-  Existing Elliot Road Detention Basins
-  County Boundary

Project #19: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Pinnacle Peak Road Drainage Improvements (89th Ave. to Agua Fria River)  
 Requested By: City of Peoria  
 Date: July 15, 2005

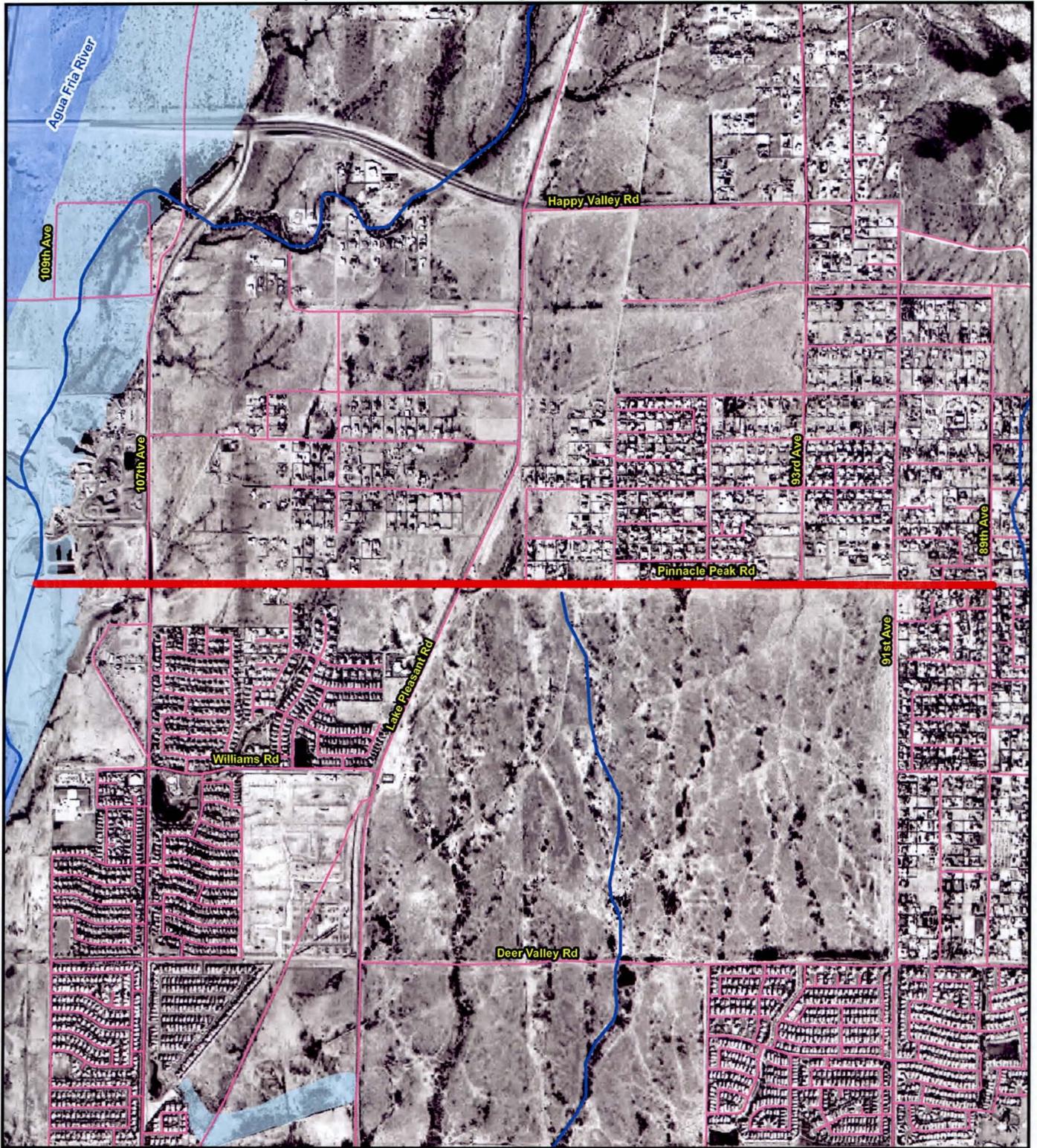
Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	5
Master Plan Element	0-3	4-6	7-8	7
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	7
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	10
Area Protected	0-9	10-18	19-25	17
Environmental Quality	0-3	4-6	7-8	5
Area-wide Benefits	0-3	4-7	8-10	7
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	2
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	6
O&M Costs	High 0-2	Med 3-4	Low 5	3
O&M Responsibility	District 0	Others 3	Agency 5	3
			<b>TOTAL</b>	<b>71</b>

**Project Description:**

This project request is to construct channel and storm drain improvements to intercept the 100-year event from the areas north of Pinnacle Peak Road from 89th Avenue to the west and discharge to the Agua Fria River. The project is a recommendation from the Glendale-Peoria ADMP. The benefited area is bounded on the south by Deer Valley Road, the west by the Agua Fria River, the east by 89th Avenue and the north by Pinnacle Peak Road. This project would provide protection to existing, proposed and future developments downstream of Pinnacle Peak Road. Water quality would be enhanced by intercepting sediment, capturing nuisance discharges, and reducing erosion. The linear nature of the project lends it to being further developed into a trails project. The estimated cost of this project is \$14 million with a proposed 50/50 cost-share between the City of Peoria and the FCDMC. Operation and maintenance would be the responsibility of the City within the City limits. Responsibility for the remaining area would need to be negotiated. This project ranks first in the City of Peoria's submittals to the Prioritization Procedure FY 2007.

NOTE: A similar project was submitted for the Prioritization Procedure FY 2003 and was recommended with a score of 63.

# Pinnacle Peak Road Drainage Improvements (89th Ave. to Agua Fria River)



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 1,000 2,000 Feet  
|-----|-----|



-  Project Location
-  River/Wash
-  Floodway
-  Floodplain Fringe
-  Streets

Project #20: Recommended

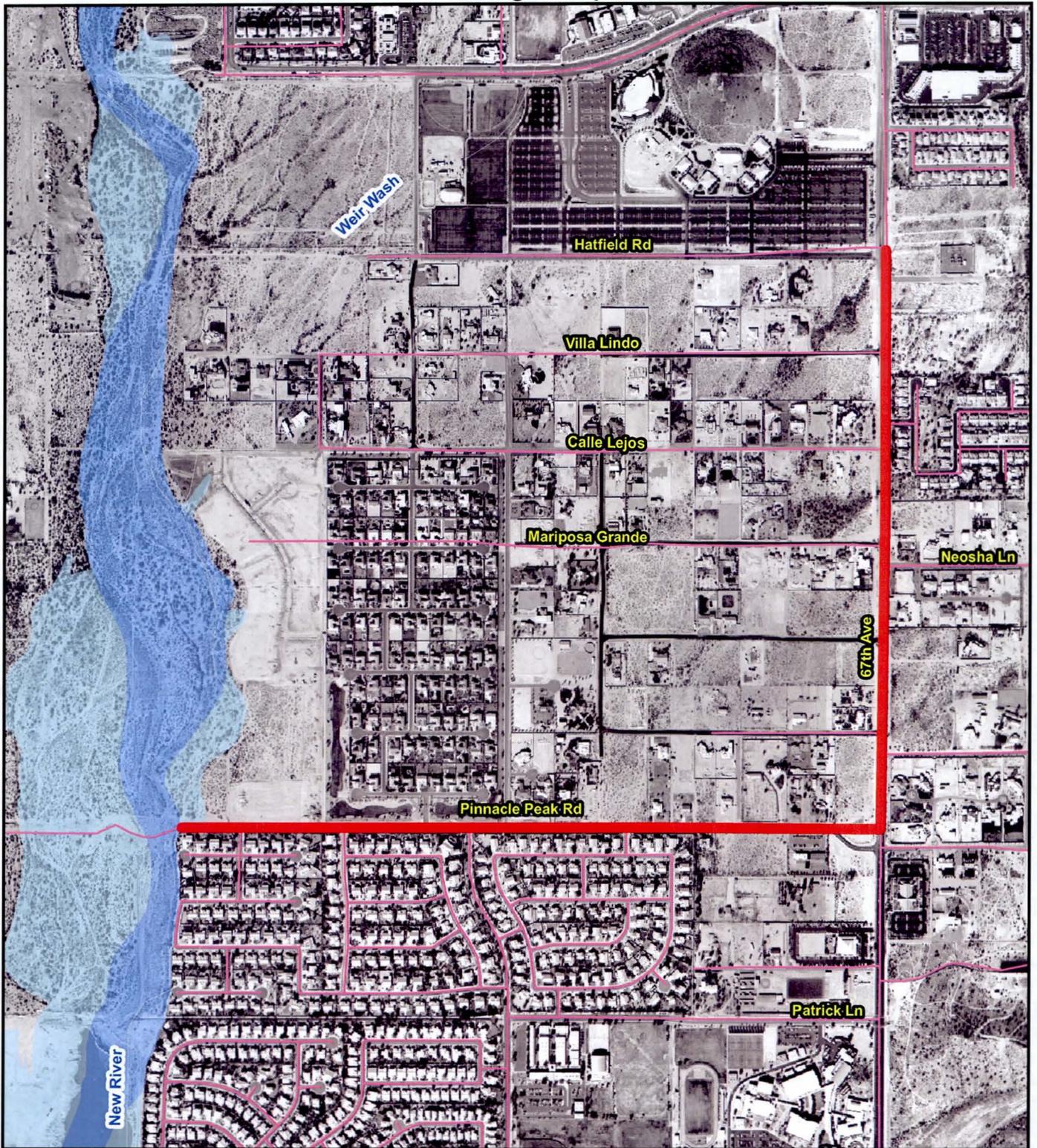
**FY 2007 CIP Prioritization Procedure**

Project Name: Pinnacle Peak Road & 67th Avenue Drainage Improvements  
 Requested By: City of Peoria  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	4
Master Plan Element	0-3	4-6	7-8	7
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	7
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	10
Area Protected	0-9	10-18	19-25	15
Environmental Quality	0-3	4-6	7-8	4
Area-wide Benefits	0-3	4-7	8-10	5
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	5
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	6
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	3
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	3
<b>Project Description:</b>			<b>TOTAL</b>	<b>68</b>

This project request is to construct channel and storm drain improvements to intercept the 100-year event from the areas north of Pinnacle Peak Road and east of 67th Avenue and discharge to the New River. The project is a recommendation from the Glendale-Peoria ADMP. The project area is bounded on the south by Pinnacle Peak Road, the west by New River, the east by Ludden Mountain and the north by the East Wing Mountain and Central Arizona Project Canal. This project would provide protection to existing, proposed and future developments downstream of Pinnacle Peak Road. Water quality would be enhanced by intercepting sediment, capturing nuisance discharges, and reducing erosion. The estimated cost of this project is \$6.5 million with a proposed 50/50 cost-share between the City of Peoria and the FCDMC. Operation and maintenance would be the responsibility of the City within the City limits. Responsibility for the remaining area would need to be negotiated. This project ranks second in the City of Peoria's submittals to the Prioritization Procedure FY 2007.

# Pinnacle Peak Road & 67th Ave. Drainage Improvements



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 500 1,000 Feet  
|-----|-----|



-  Project Location
-  Floodway
-  Floodplain Fringe
-  Streets

Project #21: Recommended

**FY 2007 CIP Prioritization Procedure**

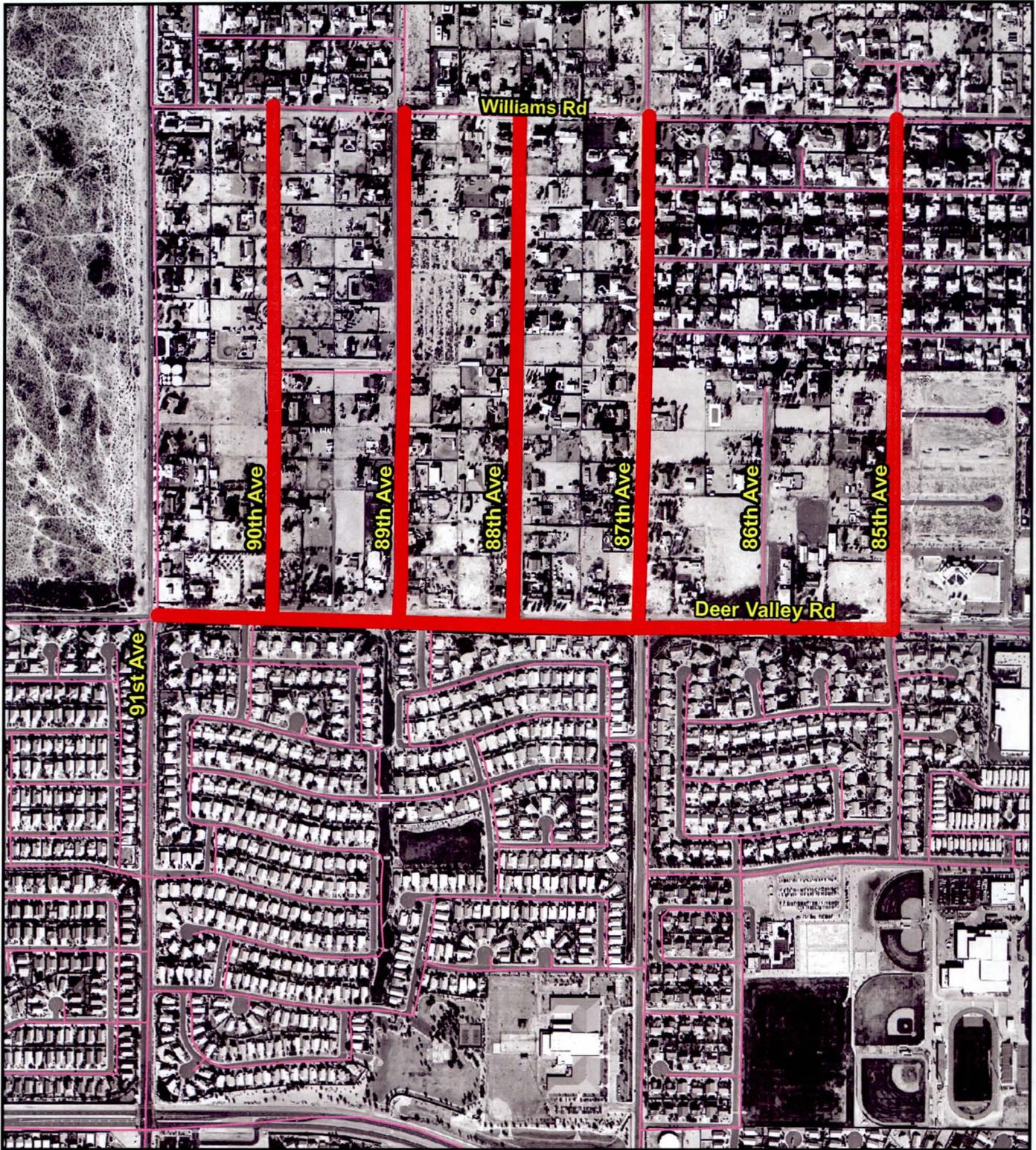
Project Name: Deer Valley Road Drainage Improvements  
 Requested By: City of Peoria  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	3
Master Plan Element	0-3	4-6	7-8	6
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	5
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	5
Area Protected	0-9	10-18	19-25	11
Environmental Quality	0-3	4-6	7-8	4
Area-wide Benefits	0-3	4-7	8-10	4
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	5
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	6
O&M Costs	High 0-2	Med 3-4	Low 5	3
O&M Responsibility	District 0	Others 3	Agency 5	3
			<b>TOTAL</b>	<b>56</b>

**Project Description:**

This project request is for construction of ditches, channels, installation of storm drains, box culverts, pipe culverts, concrete driveway crossings, landscape, irrigation, ROW acquisitions and utility relocations along Deer Valley Road and Williams Road from 83rd Ave. to 91st Ave. and along 83rd, 85th, 87th, 89th and 90th Avenues between the two roads. The project is in the area of the Glendale-Peoria ADMP. 10-year event protection for the roadways is provided by the roadside ditches. The project would provide protection to existing and future developments within the watershed and would control flows to the appropriate existing downstream drainage infrastructure south of Deer Valley Road. The open channel segments of this project will help to improve water quality of storm water by intercepting sediment and provide further improvement to water quality by capturing nuisance discharges and reducing erosion. The estimate cost of this project is \$3.3 million with a proposed cost share 1/3 FCDMC 1/3 MCDOT, and 1/3 City of Peoria. The City and MCDOT would be responsible for implementation of the project. Operation and maintenance would be the responsibility of the City within the City limits. Responsibility for the remaining area would need to be negotiated. This project is immediately downstream of the 83rd Avenue & Pinnacle Peak Road Drainage Improvements Project currently being designed. This project ranks third in the City of Peoria's submittals to the Prioritization Procedure FY 2007.

# Deer Valley Road Drainage Improvements



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

 Project Location  
 Streets

0 750 1,500 Feet



Project #22: Not Recommended

**FY 2007 CIP Prioritization Procedure**

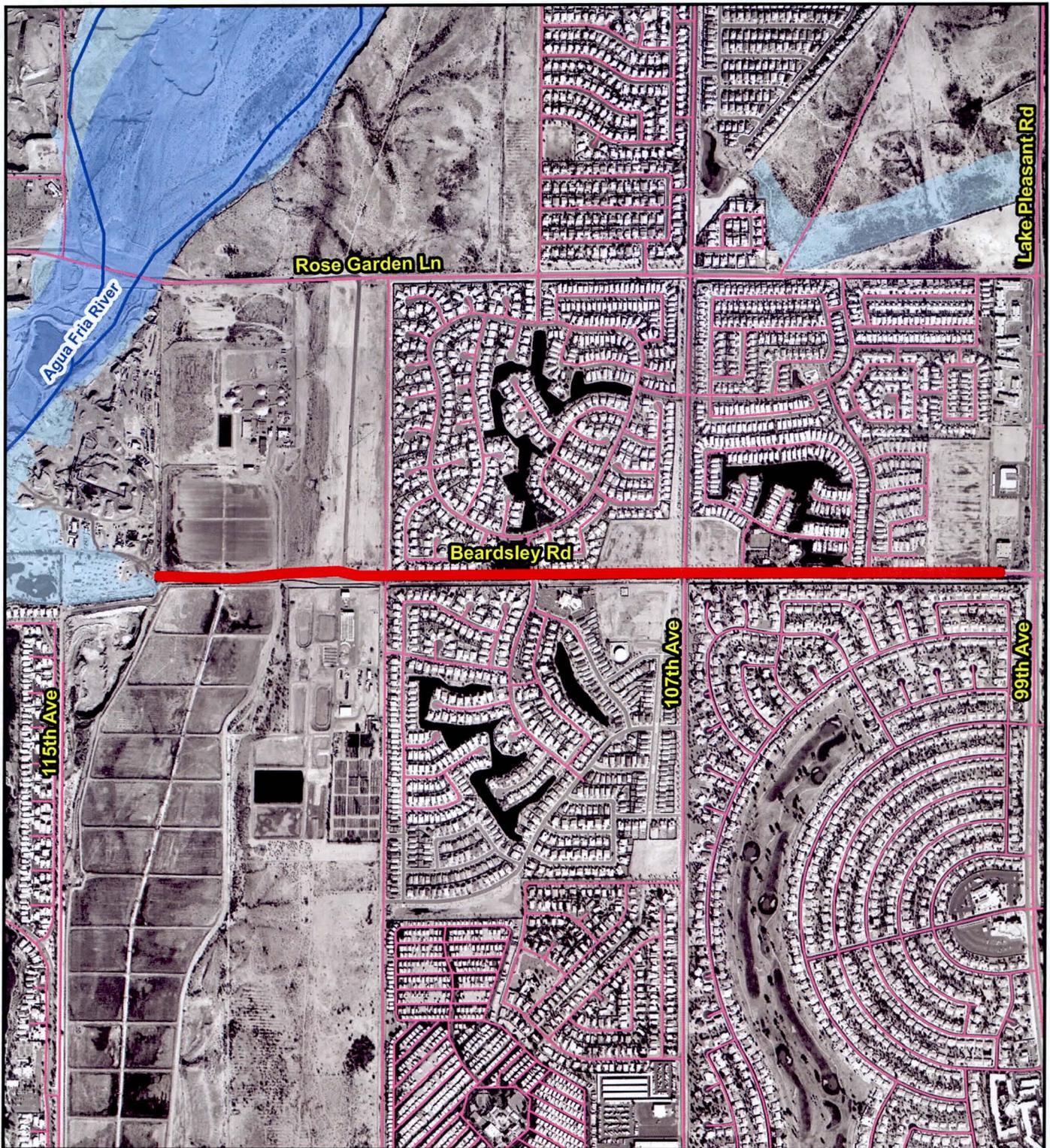
Project Name: Beardsley Road Channel Improvements (101st Ave. to the Agua Fria River)  
 Requested By: City of Peoria  
 Date: July 15, 2005

Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	<b>2</b>
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	<b>6</b>
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	<b>5</b>
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	<b>10</b>
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	<b>14</b>
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	<b>4</b>
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	<b>4</b>
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	<b>6</b>
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	<b>6</b>
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	<b>3</b>
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	<b>3</b>
			<b>TOTAL</b>	<b>63</b>

**Project Description:**

This project request is to upgrade the capacity of the existing channel and culvert improvements adjacent to Beardsley Road. The project is a recommendation from the Glendale-Peoria ADMP. The capacity improvements for this project will provide for 100-year flow within this 1.5 mile reach of the channel. The improvements would provide additional protection to existing and future developments within the watershed and would control flows to the existing downstream discharge point into the Agua Fria River. The contributing watershed that is routed through the project is approximately 3 square miles and the downstream area protected is approximately 2 square miles. The open channel segments of this project will help to improve water quality of storm water by intercepting sediment and provide further improvement to water quality by capturing nuisance discharges and reducing erosion. The project lends itself to being a buffer to the adjacent residences from the noise and view of the roadway. The estimated cost of the project is \$2.6 million with a proposed 50/50 cost share between the FCDMC and the City of Peoria. Operation and maintenance would be the responsibility of the City within the City limits. Responsibility for the remaining area would need to be negotiated. This project ranks fourth in the City of Peoria's submittals to the Prioritization Procedure FY 2007.

# Beardsley Road Channel Improvements



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

-  Project Location
-  River/Wash
-  Floodway
-  Floodplain Fringe
-  Streets

0      1,000      2,000 Feet



Project #23: Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Glendale-Peoria ADMP Update  
 Requested By: City of Peoria  
 Date: July 15, 2005

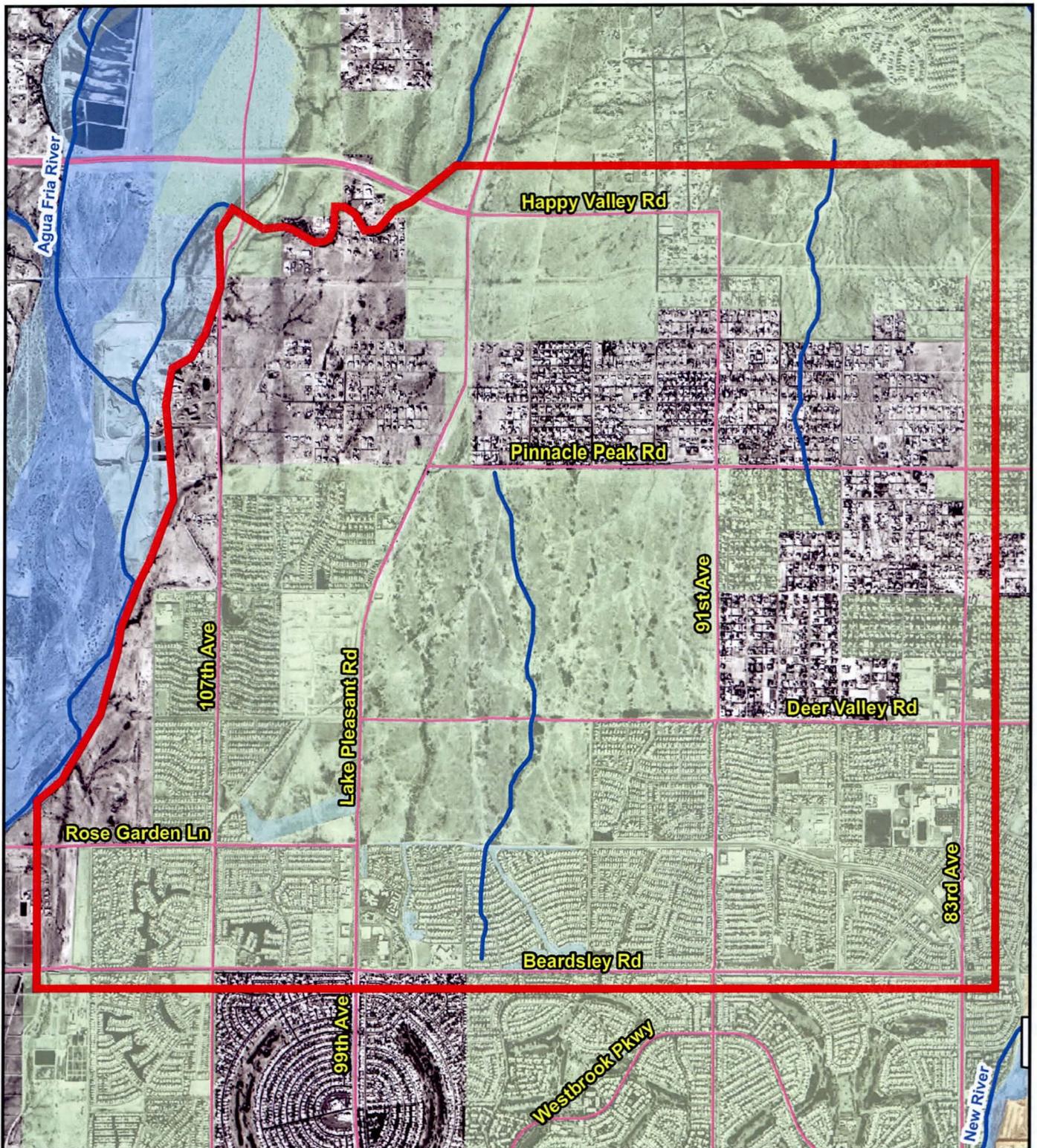
Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	<b>Not Scored FY 2007</b>
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	0-9	10-18	19-25	
Environmental Quality	0-3	4-6	7-8	
Area-wide Benefits	0-3	4-7	8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This request was not scored since it is a request for a study and the Prioritization Evaluation Criteria do not apply to study requests.

**Project Description:**

This request is to update the Glendale/Peoria ADMP Update to reflect the modified Rose Garden Lane Channel element of the Northwest Region and modified 83rd Ave. and Pinnacle Peak Road element of the 83rd Ave. Region. The estimated cost of this project is \$500,000. It is proposed the FCDMC cost-share 80% with the City of Peoria cost-sharing 20%. This project ranks fifth in priority for the City of Peoria's submittals to the Prioritization Procedure FY 2007.

# Glendale-Peoria ADMP Update



PRIORITIZATION PROCEDURE - FY 06/07  
 September 2005  
 Photo Date: December 2004

- |   |                   |   |                  |
|---|-------------------|---|------------------|
|  | Project Area      |  | Peoria           |
|  | River/Wash        |  | Glendale         |
|  | Floodplain Fringe |  | Arterial Streets |
|  | Floodway          |   |                  |

0      3,000      6,000 Feet



Project #24: Send to Planning

**FY 2007 CIP Prioritization Procedure**

Project Name: Downtown Peoria ADMP  
 Requested By: City of Peoria  
 Date: July 15, 2005

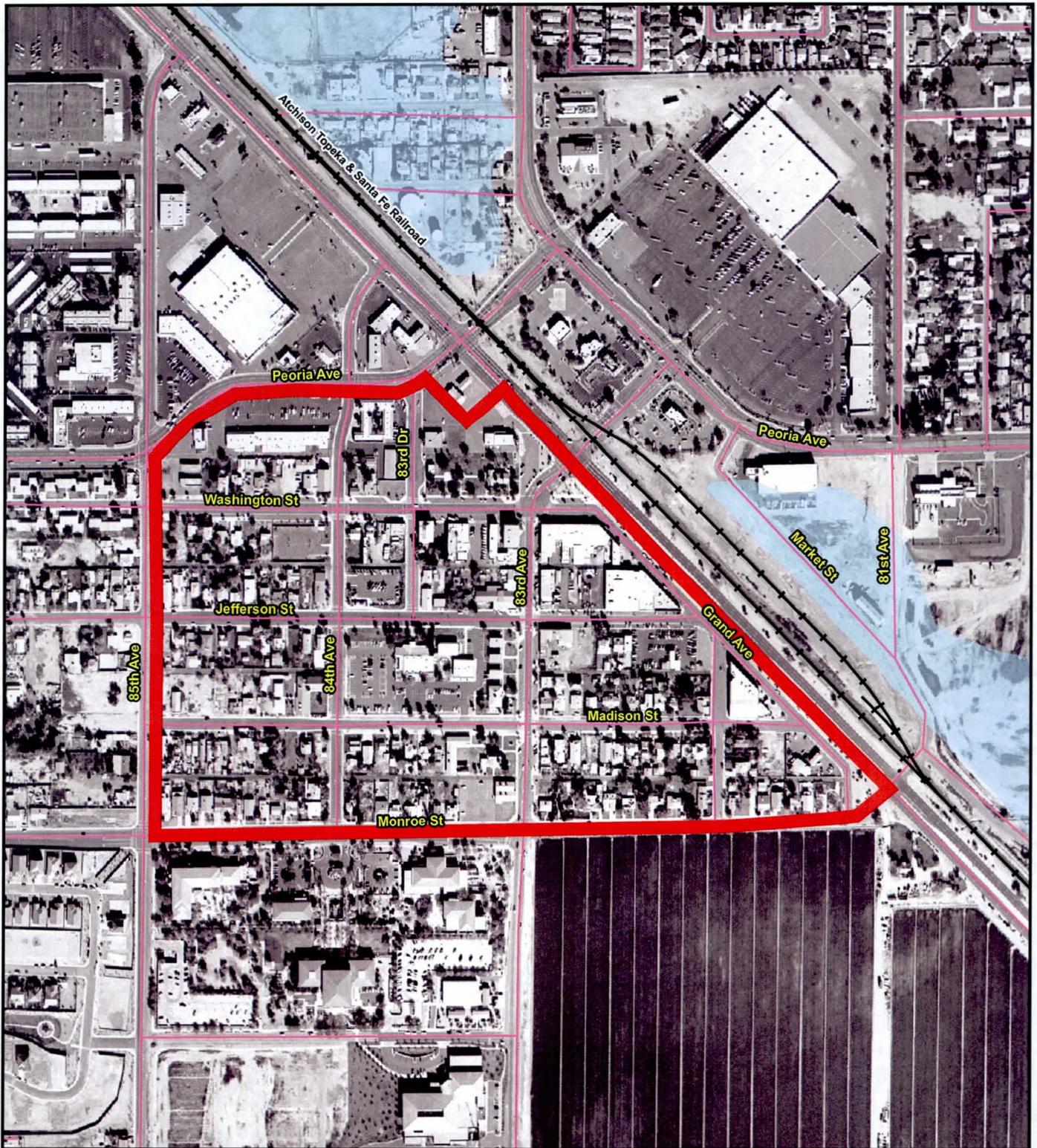
Factor	Range			PEC Points	
	<u>Low</u>	<u>Med</u>	<u>High</u>		
Agency Priority	0-1	2-4	5	<b>Not Scored FY 2007</b>	
Master Plan Element	0-3	4-6	7-8		
Hydrologic/Hydraulic Significance	0-3	4-7	8-10		
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10		
Area Protected	0-9	10-18	19-25		
Environmental Quality	0-3	4-6	7-8		
Area-wide Benefits	0-3	4-7	8-10		
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6		
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8		
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5		
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5		
			<b>TOTAL</b>		

This request was not scored since it is a request for a study and the Prioritization Evaluation Criteria do not apply to study requests.

**Project Description:**

This project request is to update the information contained in the Maryvale ADMS to reflect a modified land use intensity within approximately 40 acres located in the downtown core of the City of Peoria. The estimated cost of this project is \$200,000 with a proposed 50/50 cost-share between the FCDMC and the City of Peoria. This project ranks sixth in priority for the City of Peoria's submittals to the Prioritization Procedure FY 2007.

# Downtown Peoria ADMP



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 500 1,000 Feet



-  Project Area
-  Floodplain Fringe
-  Floodway
-  Streets

Project #25: Not Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Skunk Creek Channel at Pinnacle Peak Road & 35th Avenue  
 Requested By: City of Phoenix  
 Date: July 15, 2005

Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	Not Scored FY 2007
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
	<b>TOTAL</b>			

This project was requested for the FY 2006 FCD CIP Prioritization Procedure and was recommended with a score of 70. This project is Phoenix's first priority project of this year's requests.

**FY 2006 Prioritization Request Project Description:**

This project request is for a proposed channel improvement project to modify the channel and construct a new grade control structure upstream of 35th Avenue. This project is the first priority for the City of Phoenix out of this year's requests. This area was studied in the Adobe Dam/Desert Hills ADMP. The proposed channel improvement is for the 100-year design storm event and will incorporate the regional trail system, multi-use public amenities, and protect the riparian corridors. Numerous residential and a few commercial properties on the west side of the Skunk Creek upstream of the Pinnacle Peak Road Bridge will be protected. In addition, Paseo Highlands Park and the north-east corner of Pinnacle Peak Road and 35th Avenue will be removed from the 100-year designated FEMA floodplain. The estimated project cost is \$8.5 million. It is proposed that FCDMC and the City of Phoenix would cost-share 50/50. The City would be the lead agency and assume operation and maintenance responsibilities.

# Skunk Creek Channel at Pinnacle Peak Road and 35th Avenue



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

-  Project Location
-  River
-  Project Location
-  Arterial Streets

0 1,250 2,500 Feet



Project #26: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: 24th Avenue/Camelback Road Drainage Improvement, Phase 4  
 (20th Ave. & Turney Drainage Improvements)  
 Requested By: City of Phoenix  
 Date: July 15, 2005

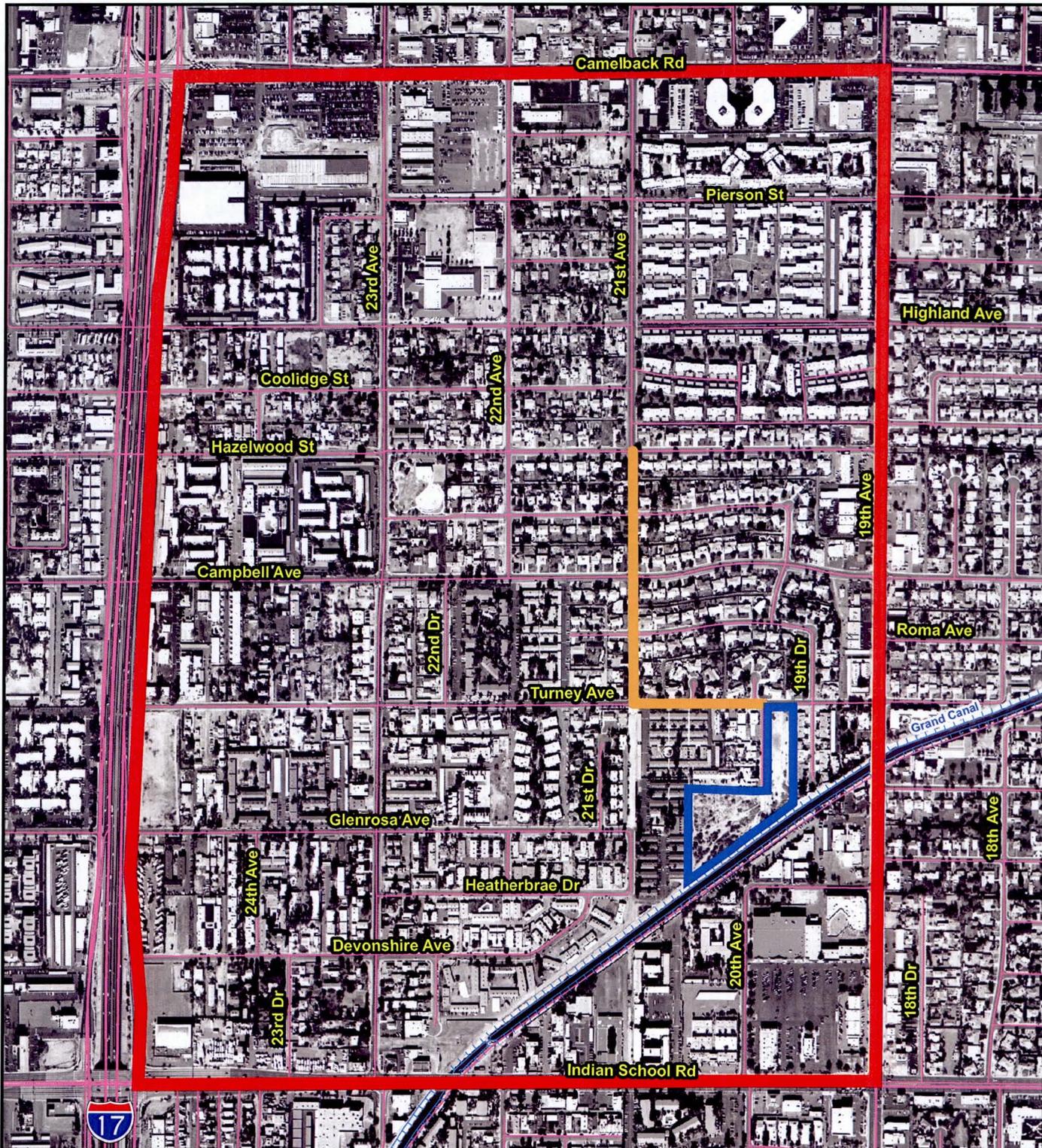
Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	4
Master Plan Element	0-3	4-6	7-8	5
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	6
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	9
Area Protected	0-9	10-18	19-25	15
Environmental Quality	0-3	4-6	7-8	4
Area-wide Benefits	0-3	4-7	8-10	6
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	5
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	6
O&M Costs	High 0-2	Med 3-4	Low 5	3
O&M Responsibility	District 0	Others 3	Agency 5	5
			<b>TOTAL</b>	<b>68</b>

This project was originally submitted for the FY 2006 FCD CIP Prioritization Procedure and was recommended with a score of 70. The current request is for Phase IV of the project and dollar estimates are significantly higher. This project is Phoenix's second priority project of this year's requests.

**Project Description:**

The proposed project will design and construct complementary flood control features to reduce and/or mitigate flooding situations in the vicinity of 24th Avenue and Camelback Road. The drainage area is approximately 5 square miles and is located in the north central Phoenix area. This area is included in Design Concept Report for 24th Avenue and Camelback Road Drainage Improvements Project. The project is a necessary component of the regional project that will provide flood protection to a portion of the drainage watershed between the 21st Avenue watershed from the north Camelback Road and the watershed bounded by Camelback Road, Grand Canal, 19th Avenue, and I-17. The proposed basin in the vicinity of 20th Ave. & Turney Ave., may be used as a multi-purpose recreational facility. The estimated cost of the project will be \$6.5 million and is proposed to be a 50/50 cost-share between the FCDMC and the City. It is anticipated that the cost to operate and maintain the detention basin will be assumed by the City of Phoenix.

# 24th Ave/Camelback Road Drainage Improvement Phase 4



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

-  Project Area
-  Proposed Basin
-  Proposed Storm Drain
-  Streets

0 450 900 Feet



Project #27: Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: 9th Avenue Storm Drain  
 Requested By: City of Phoenix  
 Date: July 15, 2005

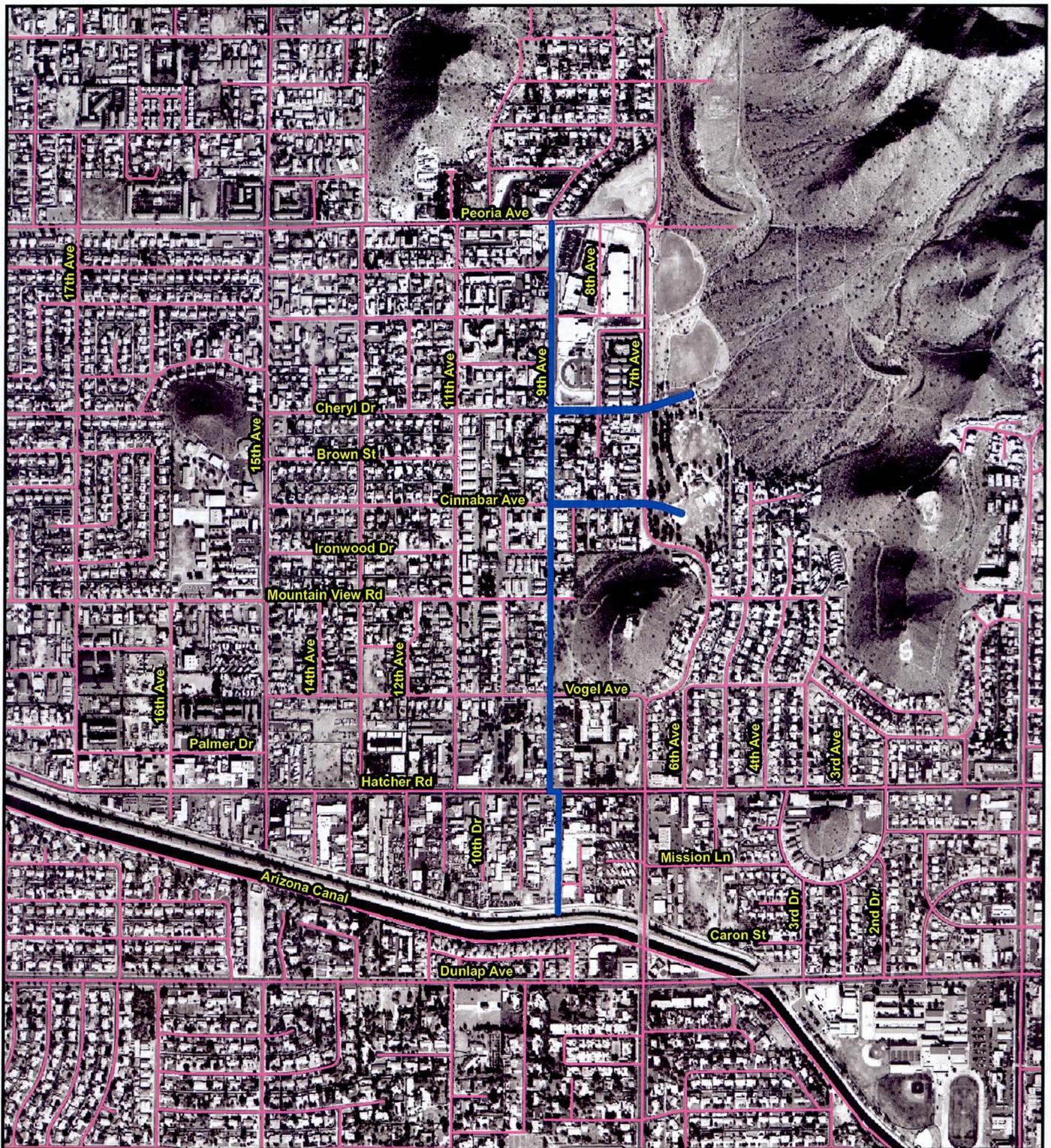
Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	Not Scored FY 2007
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	0-9	10-18	19-25	
Environmental Quality	0-3	4-6	7-8	
Area-wide Benefits	0-3	4-7	8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This project was originally submitted for the FY 2006 FCD CIP Prioritization Procedure and was recommended with a score of 65. This project is Phoenix's third priority project of this year's requests. This project, Project Control Number 580.06.31, is currently budgeted in the FCDMC 5-year CIP.

**FY 2006 Prioritization Request Project Description:**

This project proposal will collect and convey the 10-year flood event from Peoria Avenue downstream to the Arizona Canal Diversion Channel (ACDC). This project is being proposed from the candidate assessment report prepared by the Engineering and Environmental Consultants, Inc. dated June 2004. This area is within the ACDC ADMP (1994). The estimated total construction cost for the 9th Avenue Storm Drain Project, including laterals and street paving is approximately \$1.6 million. It is proposed the City of Phoenix and the District cost share 50/50. The City will be responsible for the operation and maintenance of the 9th Avenue Storm Drain.

# 9th Avenue Storm Drain



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

— Proposed Storm Drain  
— Street Centerlines

0 500 1,000 Feet



Project #28: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: 43rd Avenue/Baseline Road Detention Basin  
 Requested By: City of Phoenix  
 Date: July 15, 2005

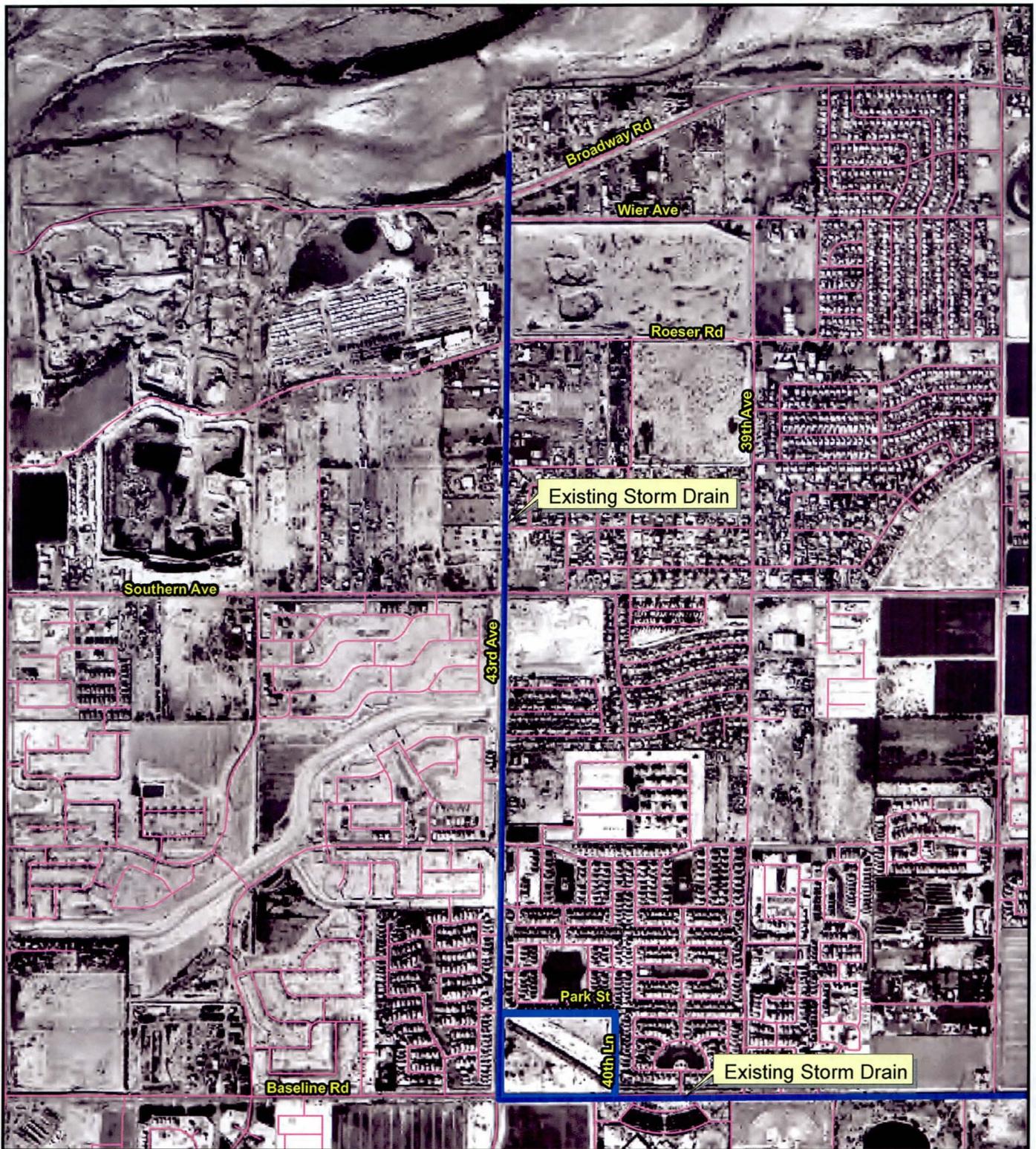
Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	Not Scored FY 2007
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This project was originally submitted for the FY 2006 FCD CIP Prioritization Procedure and was recommended with a score of 67. Funding is currently budgeted in the FCD 5-Year CIP. A Project Control Number has not yet been assigned. This project is ranked fourth priority project of this year's requests by the City of Phoenix.

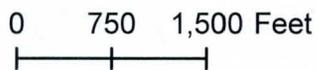
**FY 2006 Prioritization Request Project Description:**

This project consists of a detention basin at the north east corner of 43rd Avenue and Baseline Road. The District has previously identified several detention basins and storm drain systems in the South Phoenix/Laveen ADMP (1997). This detention basin will be designed for a 100-year level of protection and is a part of the overall drainage system plan for the South Phoenix/Laveen ADMP area. The proposed basin will provide flood protection for residential developments existing and planned for the area and may have multi-use recreational amenities. The estimated cost is \$3.6 million for the project design and construction. The District has already acquired the basin rights-of way at a cost of \$660,000. It is proposed the FCDMC cost share 50/50 with the City. The City will be responsible for the operation and maintenance.

# 43rd Ave/Baseline Road Detention Basin



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004



-  Proposed Basin
-  Existing Storm Drains
-  Street Centerlines

Project #29: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: 27th Avenue/South Mountain Avenue Detention Basin  
 Requested By: City of Phoenix  
 Date: July 15, 2005

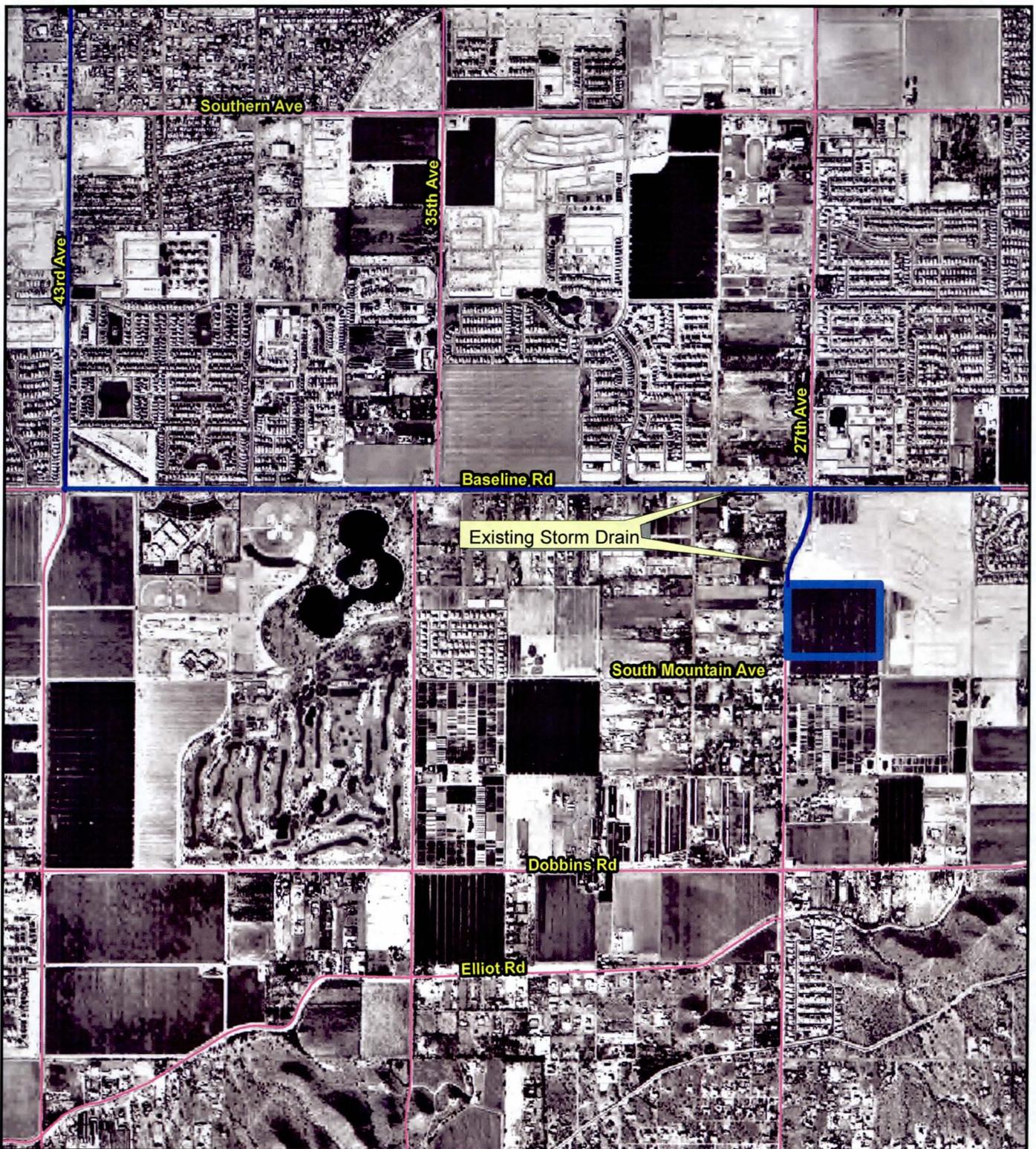
Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	Not Scored FY 2007
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This project was originally submitted for the FY 2006 FCD CIP Prioritization Procedure and was recommended with a score of 71. Funding is currently budgeted in the FCD 5-Year CIP. A Project Control Number has not yet been assigned. This project is ranked fifth in priority project of this year's requests by the City of Phoenix.

**FY 2006 Prioritization Request Project Description:**

This project proposal consists of one detention basin at the north east corner of 27th Avenue and S. Mountain Avenue. The District has previously identified several detention basins and storm drain systems in the South Phoenix/Laveen ADMP (1997). This detention basin is designed for a 100-year level of protection and is a part of the overall drainage system plan for the South Phoenix/Laveen ADMP area. The proposed basin will provide flood protection for residential developments existing and planned for the area and may have multi-use recreational amenities. The estimated cost to design and construct the basin is \$3.6 million. It is proposed the FCDMC cost-share 50/50 with the City. The FCDMC has previously acquired the basin rights-of-way for \$622,000. The City will be responsible for operation and maintenance.

# 27th Avenue/South Mountain Avenue Detention Basin



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

 Proposed Basin  
 Arterial Streets

0 1,000 2,000 Feet  




Project #30: Previously Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: North Mountain Detention Basin #7 - Emergency Dam Repair & Mitigation  
 Requested By: City of Phoenix  
 Date: July 15, 2005

Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	<b>Not Scored FY 2007</b>
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This request does not meet the Prioritization Evaluation Criteria, and is therefore, not scored.

**Project Description:**

This project request is to design and construct repairs to the North Mountain Detention Basin Number 7. This project will enhance the structural integrity of the dam. Emphasis will be given on environmental quality to mitigate the loss of vegetation on the structure which has become valued landscape in the area. The City of Phoenix is proposing the FCDMC District fund this project 100% as the City does not have any designated funds at this time for the Emergency Dam Repair and Mitigation. The City will be responsible for operation and maintenance. This project is ranked sixth in priority by the City of Phoenix.

# North Mountain Detention Basin #7 Emergency Dam Repair and Mitigation



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

 North Mountain  
Detention Dam #7  
 Arterial Streets

0 375 750 Feet  




Project #31: Not Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Pecos Basin CAR  
 Requested By: City of Phoenix  
 Date: July 15, 2005

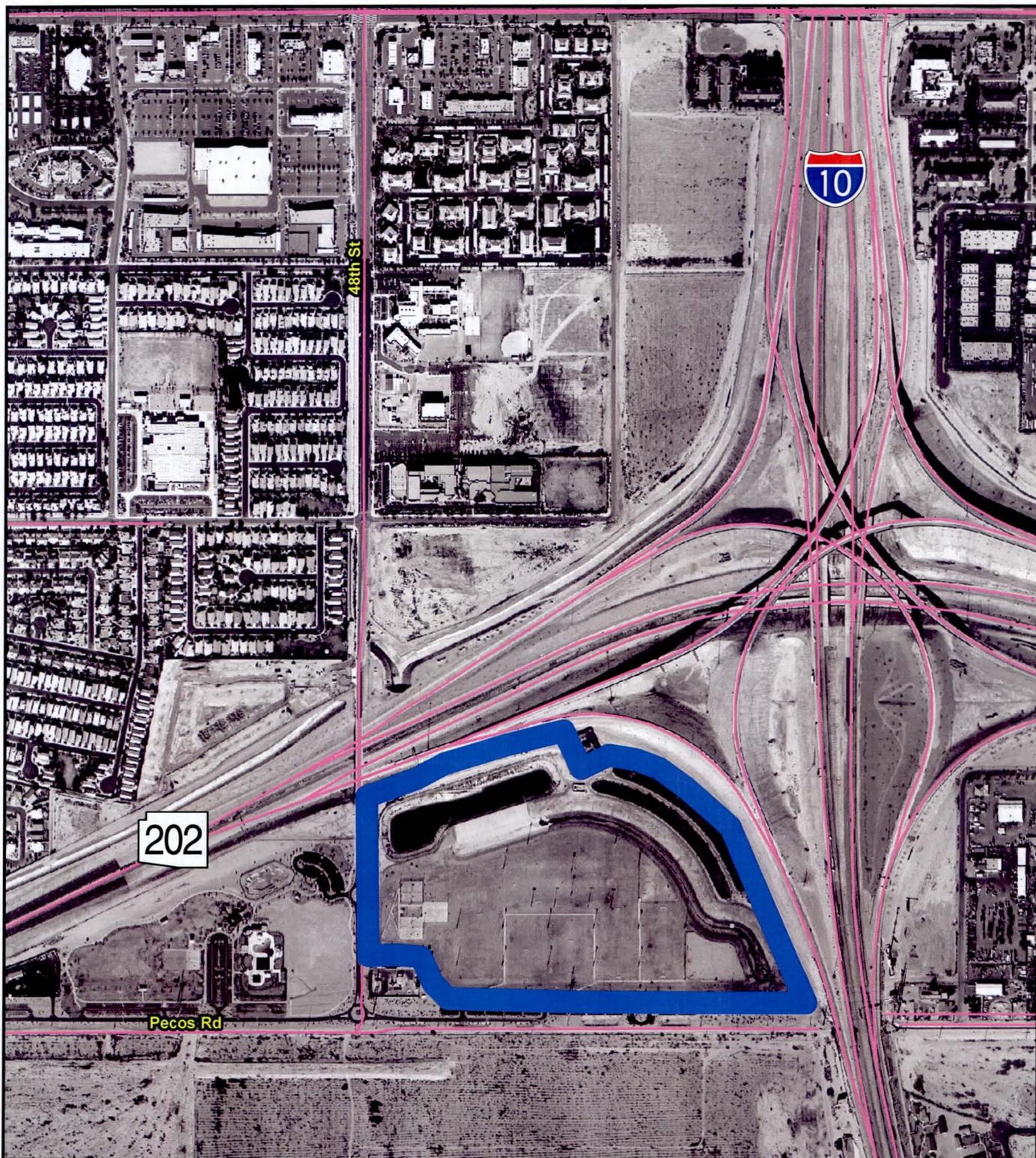
Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	Not Scored FY 2007
Master Plan Element	0-3	4-6	7-8	
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	
Area Protected	0-9	10-18	19-25	
Environmental Quality	0-3	4-6	7-8	
Area-wide Benefits	0-3	4-7	8-10	
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	
O&M Costs	High 0-2	Med 3-4	Low 5	
O&M Responsibility	District 0	Others 3	Agency 5	
			<b>TOTAL</b>	

This request does not meet the Prioritization Evaluation Criteria, and is therefore, not scored.

**Project Description:**

This request is to perform a Candidate Assessment Report (CAR) for the Pecos Basin at the intersection of SR-202 and 48th Street in the City of Phoenix. The estimated cost of the report is \$100,000 to be fully funded by the FCDMC. This project is ranked seventh in priority by the City of Phoenix. The FCDMC and the City of Phoenix cost-shared the implementation of the basin which was completed in 2001. This project has been previously submitted by the City of Phoenix and was entitled "Southeast Phoenix Basin Water Quality Program".

# Pecos Basin CAR



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

— Arterial Streets  
□ Proposed Basin

0 375 750 Feet  
|-----|-----|



Project #32: Not Recommended

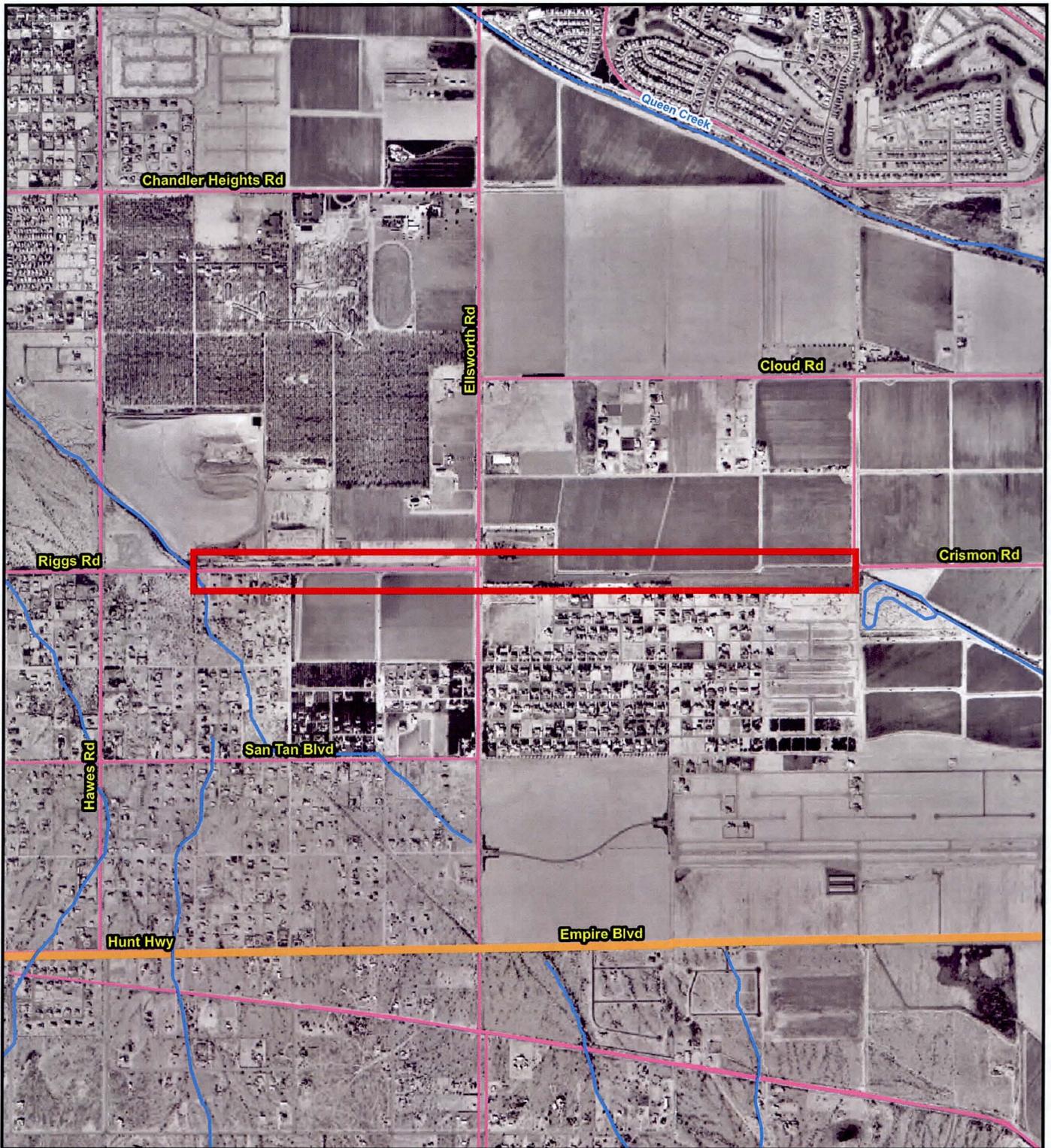
**FY 2007 CIP Prioritization Procedure**

Project Name: Sonoqui Wash - Riggs Road to Crismon Road  
 Requested By: Town of Queen Creek  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	5
Master Plan Element	0-3	4-6	7-8	7
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	6
Level of Protection	2-10 yr 0-5	11-50 yr 6-8	>50 yr 9-10	10
Area Protected	0-9	10-18	19-25	17
Environmental Quality	0-3	4-6	7-8	5
Area-wide Benefits	0-3	4-7	8-10	7
Total Project Cost	>\$10M 0-3	\$3-\$10M 4-5	<\$3M 6	3
Level of Partner(s) Participation	0-30% 0-3	31-60% 4-7	>60% 8	7
O&M Costs	High 0-2	Med 3-4	Low 5	4
O&M Responsibility	District 0	Others 3	Agency 5	5
<b>Project Description:</b>			<b>TOTAL</b>	<b>75</b>

This project request is to improve the east branch of the Sonoqui Wash along Riggs Road to Crismon Road. The project consists of 1.75 miles of earth-lined channel, 1.75 miles of multi-use pathway, 1.75 miles of equestrian trail, a bridge at Ellsworth Road, and the creation of 45 acres of landscaped public open space. The Hydraulic Master Plan for Queen Creek identifies the only feasible alternative is to increase the capacity of the wash to handle the 100-year storm. The Town's General Plan identifies Queen Creek Wash and Sonoqui Wash as major public open space and trail system areas. This project will remove approximately 200 acres of farmland and 200 acres of developed land from the floodplain. Areas protected include 40 existing homes, approximately 30 future homes, and various utilities. There are no designated environmental sensitive areas and this project does not affect water quality. The total estimated project cost is \$13,000,000. The District is requested to participate to the level of County jurisdiction, to manage design and construction of the project, and acquire the rights-of-way within the County jurisdiction. The proposed cost-share is approximately 45% FCDMC and 55% Town. Operation and maintenance costs are estimated as \$17,750 annually and will be the responsibility of the Town. This project is ranked first in priority by the Town of Queen Creek.

# Sonoqui Wash - Riggs Road to Crismon Road



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 1,000 2,000 Feet  
|-----|-----|



-  Sonoqui Wash Project Area
-  Arterial Streets
-  Washes
-  County Boundary

Project #33: Recommended

**FY 2007 CIP Prioritization Procedure**

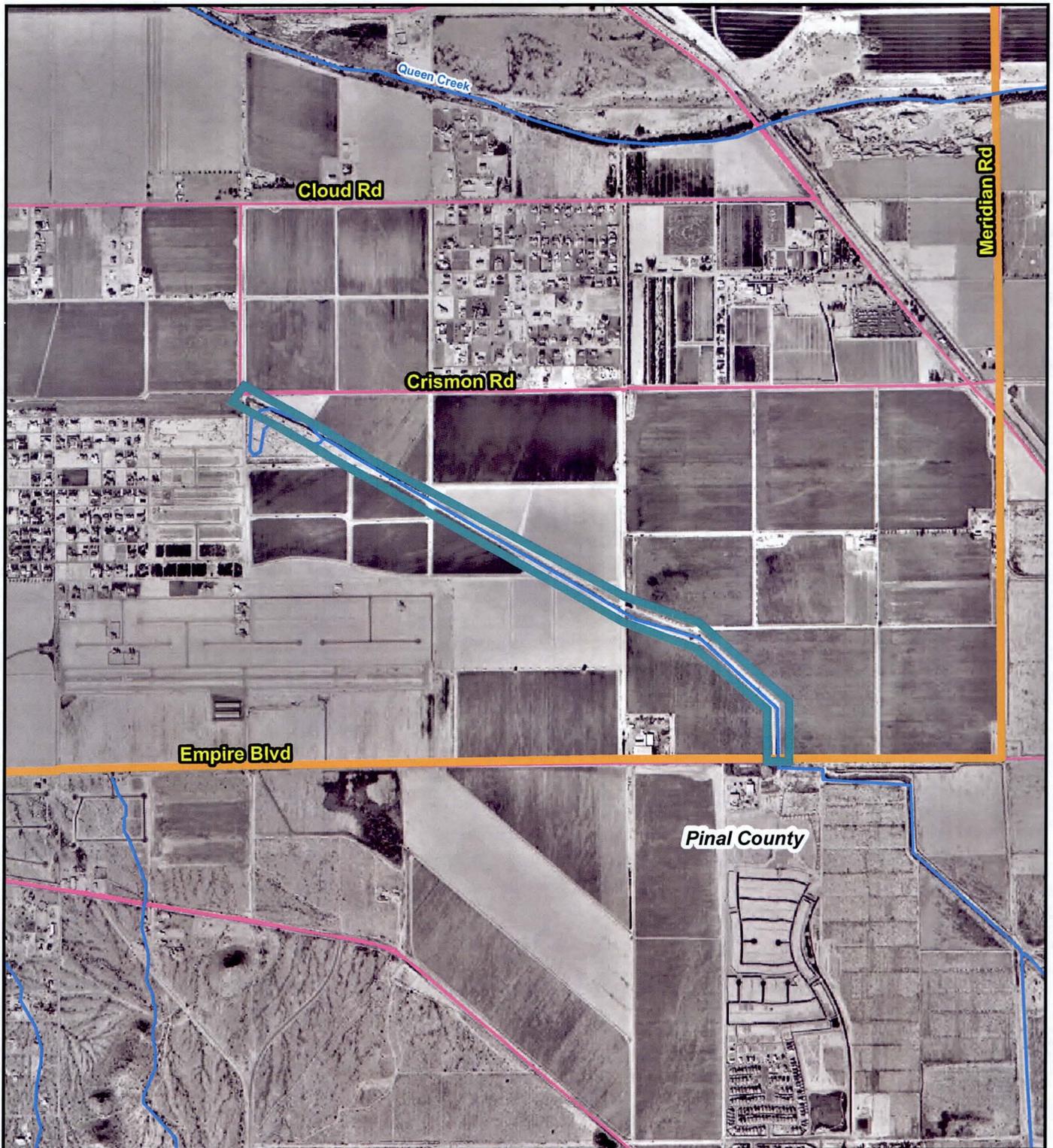
Project Name: Sonoqui Wash - Crismon Road to Empire Road  
 Requested By: Town of Queen Creek  
 Date: July 15, 2005

Factor	Range			PEC Points
	Low	Med	High	
Agency Priority	0-1	2-4	5	4
Master Plan Element	0-3	4-6	7-8	7
Hydrologic/Hydraulic Significance	0-3	4-7	8-10	7
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	10
Area Protected	0-9	10-18	19-25	17
Environmental Quality	0-3	4-6	7-8	5
Area-wide Benefits	0-3	4-7	8-10	7
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	3
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	7
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	4
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	5
			<b>TOTAL</b>	<b>73</b>

**Project Description:**

This project request is to improve the east branch of the Sonoqui Wash from Crismon Road to Empire Road. The project consists of 1.75 miles of earth-lined channel, 1.75 miles of multi-use pathway, 1.75 miles of equestrian trail, and the creation of 42 acres of landscaped public open space. The Hydraulic Master Plan for Queen Creek identifies the only feasible alternative is to increase the capacity of the wash to handle the 100-year storm. The Town's General Plan identifies Queen Creek Wash and Sonoqui Wash as major public open space and trail system areas. This project will remove approximately 400 acres of farmland from the floodplain and protect a future middle school and bus maintenance facility. There are no designated environmental sensitive areas and this project does not affect water quality. The total estimated project cost is \$12,500,000. The District is requested to participate to the level of County jurisdiction and to manage the design and construction of the project. The proposed cost-share is approximately 42% FCDMC and 58% Town. Operation and maintenance costs are estimated as \$17,750 annually and will be the responsibility of the Town. This project is ranked second in priority by the Town of Queen Creek.

# Sonoqui Wash - Crismon Road to Empire Boulevard



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 1,000 2,000 Feet  
|-----|-----|



-  Sonoqui Wash Project Area
-  Arterial Streets
-  Washes
-  County Boundary

Project #34: Recommended

**FY 2007 CIP Prioritization Procedure**

Project Name: Martin Acres Channelization  
 Requested By: City of Surprise  
 Date: July 15, 2005

Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	<b>Not Scored FY 2007</b>
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
	<b>TOTAL</b>			

This project request was not scored since the Wittmann ADMP has not been completed for this area. A recommendation from the Wittmann ADMP will be evaluated in the future.

**Project Description:**

This project request is to provide flood control improvements to Martin Acres bounded by US 60 on the northeast, Citrus Road on the west, and Norwich Road on the south. The area is located within the Wittmann ADMS Update study area. The level of protection for the proposed facilities is the 100-year storm event. Since Martin Acres is already developed, the impact on water quality will be minimal. The project will provide a significant visual enhancement to Martin Acres and allow the City of Surprise to construct asphalt roadways within the development. This project will serve as the starting point for significant redevelopment projects in this segment of the City. The estimate cost of the project is \$3 million. It is proposed the City and the FCDMC cost-share 50/50. Operating and maintenance responsibilities for the project will be negotiated with the FCDMC and will most likely fall upon the FCDMC. As this is the only project submitted by the City of Surprise, it is ranked first in priority.

# Martin Acres Channelization



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

0 1,000 2,000 Feet



-  Project Area
-  Floodway
-  Floodplain Fringe
-  Watercourses
-  Streets

Project #35: Defer Until Wittmann ADMP Completed

**FY 2007 CIP Prioritization Procedure**

Project Name: Gillespie ADMS  
 Requested By: Woolsey Flood Protection District  
 Date: July 15, 2005

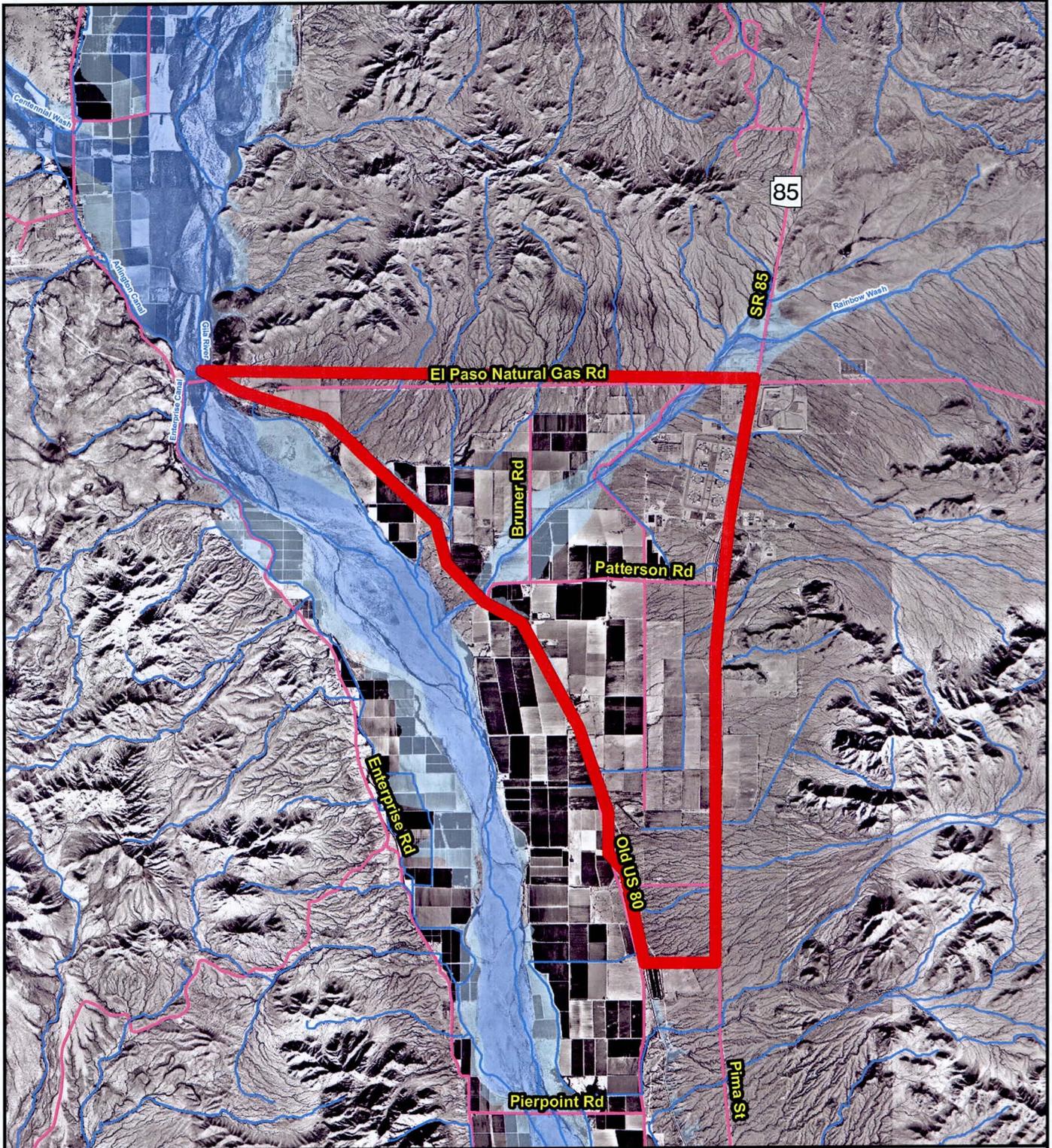
Factor	Range			PEC Points
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	<b>Not Scored FY 2007</b>
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	
			<b>TOTAL</b>	

This request does not meet the Prioritization Evaluation Criteria, and is therefore, not scored.

**Project Description:**

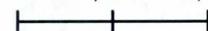
This project request is to conduct the Gillespie Area Drainage Master Study. The area covers approximately 300 square miles that is undergoing rapid change in land use that affects flood management. Key areas include State Route 85, the Gila Bend Canal, MC80, Patterson Road and Woods Road. The estimated cost is unknown but the FCDMC will be expected to provide 100% of the costs. As this is the only request by the Woolsey Flood Protection District, it is ranked first in priority.

# Gillespie ADMS



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

-  Project Area
-  River/Wash
-  Floodway
-  Floodplain Fringe
-  Arterial Streets

0 5,000 10,000 Feet  




Project #36: Send to Planning

**FY 2007 CIP Prioritization Procedure**

Project Name: Peoria Avenue Drainage  
 Requested By: Town of Youngtown  
 Date: July 15, 2005

<b>Factor</b>	<b>Range</b>			<b>PEC Points</b>
Agency Priority	<u>Low</u> 0-1	<u>Med</u> 2-4	<u>High</u> 5	<b>5</b>
Master Plan Element	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	<b>0</b>
Hydrologic/Hydraulic Significance	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	<b>4</b>
Level of Protection	<u>2-10 yr</u> 0-5	<u>11-50 yr</u> 6-8	<u>&gt;50 yr</u> 9-10	<b>10</b>
Area Protected	<u>Low</u> 0-9	<u>Med</u> 10-18	<u>High</u> 19-25	<b>11</b>
Environmental Quality	<u>Low</u> 0-3	<u>Med</u> 4-6	<u>High</u> 7-8	<b>4</b>
Area-wide Benefits	<u>Low</u> 0-3	<u>Med</u> 4-7	<u>High</u> 8-10	<b>5</b>
Total Project Cost	<u>&gt;\$10M</u> 0-3	<u>\$3-\$10M</u> 4-5	<u>&lt;\$3M</u> 6	<b>6</b>
Level of Partner(s) Participation	<u>0-30%</u> 0-3	<u>31-60%</u> 4-7	<u>&gt;60%</u> 8	<b>6</b>
O&M Costs	<u>High</u> 0-2	<u>Med</u> 3-4	<u>Low</u> 5	<b>4</b>
O&M Responsibility	<u>District</u> 0	<u>Others</u> 3	<u>Agency</u> 5	<b>5</b>
			<b>TOTAL</b>	<b>59</b>

**Project Description:**

This project request is to pipe an existing drainage channel for approximately 200 lineal feet south of Peoria Avenue in the vicinity of 111th Avenue with a 5-foot diameter rubber gasket reinforced concrete pipe. The contributing drainage area for this project is 65 acres. The Town desires to have Peoria Avenue free from flooding in a 100-year 6-hour event storm. This project would benefit about 100 individuals and indirectly benefit about 1000 residents. The proposed project will improve the flow characteristics of the outlet and allow for an aesthetic improvement to the area. No wetlands are located on this system. The estimated cost of this project is \$250,000. It is proposed the Town and the FCDMC cost-share 50/50. Operation and maintenance will be the responsibility of the Town of Youngtown. As this is the Town's only request, it is ranked first in priority.

# Peoria Avenue Drainage



PRIORITIZATION PROCEDURE - FY 06/07  
September 2005  
Photo Date: December 2004

-  Project Area
-  Youngtown
-  Streets

0 250 500 Feet  




Project #37: Not Recommended