

SUPPLEMENTAL WATERSHED WORK PLAN AGREEMENT NO. II

Between the

Alamo Soil and Water Conservation District
Local Organization

San Antonio River Authority
Local Organization

State of Texas
(hereinafter referred to as the Sponsoring Local Organization)

and the

Soil Conservation Service
United States Department of Agriculture
(hereinafter referred to as the Service)

Whereas, the Watershed Work Plan Agreement for Salado Creek Watershed, State of Texas, executed by the Sponsoring Local Organizations named therein and the Service, became effective on the 2nd day of October 1962; and

Whereas, the Supplemental Watershed Work Plan Agreement for Salado Creek Watershed, State of Texas, executed by the Sponsoring Local Organization and the Service became effective on the 23rd day of April 1969; and

Whereas, in order to carry out the watershed work plan, as supplemented, for said watershed, it has become necessary to modify said Watershed Work Plan Agreement, as supplemented; and

Whereas, it has become necessary to modify the watershed work plan, as supplemented, to comply with the provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Public Law 91-646, 84th Stat. 1894); and

Whereas, it has been necessary to modify the Watershed Work Plan as supplemented, to reflect current policy and terminology relative to engineering and project administration costs; and

Whereas, a Supplemental Watershed Work Plan No. II which modifies the Watershed Work Plan dated March 1962, and the Supplemental Watershed Work Plan dated September 1968, for said watershed has been developed through the cooperative efforts of the Sponsoring Local Organization and the Service; which plan is annexed to and made a part of this agreement; and

Now, therefore, the Sponsoring Local Organization and the Service hereby agree upon the following modifications of the terms, conditions, and stipulations of said Supplemental Watershed Work Plan Agreement:

1. A paragraph is added to read as follows:

The Sponsoring Local Organization will provide relocation advisory assistance services and make the relocation payments to displaced persons as required by the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Public Law 91-646, 84th Stat. 1894) effective as of January 2, 1971, and the Regulations issued by the Secretary of Agriculture pursuant thereto. Prior to July 1, 1972, the Sponsoring Local Organization will comply with the real property acquisition policies contained in said Act and Regulations to the extent that they are legally able to do so in accordance with their State law. After July 1, 1972, the real property acquisition policies contained in said Act shall be followed in all cases.

The Service will bear 100 percent of the first \$25,000 of relocation payment costs for any person, business, or farm operation displaced prior to July 1, 1972. Any such costs for a single dislocation in excess of \$25,000 and all costs for relocation payments for persons displaced after July 1, 1972, will be shared by the Sponsoring Local Organization and the Service as follows:

	<u>Sponsoring Local Organization</u> (percent)	<u>Service</u> (percent)	<u>Estimated Relocation Payment Costs</u> (dollars)
Relocation Payments	23.73	76.27	9,820

2. Paragraph numbered 2 is modified to read as follows:

The percentages of construction costs of structural measures to be paid by the Sponsoring Local Organization and by the Service are as follows:

<u>Works of Improvement</u>	<u>Sponsoring Local Organization</u> (percent)	<u>Service</u> (percent)	<u>Estimated Construction Cost</u> (dollars)
17 Floodwater Retarding Structures	0	100	3,267,896

3. Paragraph numbered 3 is modified to read as follows:

The percentages of the engineering costs to be borne by the Sponsoring Local Organization and the Service are as follows:

<u>Works of Improvement</u>	<u>Sponsoring Local Organization</u> (percent)	<u>Service</u> (percent)	<u>Estimated Engineering Costs</u> (dollars)
17 Floodwater Retarding Structures	0	100	168,325

4. Paragraph numbered 4 is modified to read as follows:

The Sponsoring Local Organization and the Service will each bear the costs of Project Administration which it incurs, estimated to be \$10,500 and \$417,603 respectively.

5. The Sponsoring Local Organization and the Service further agree to all other terms, conditions, and stipulations of said Watershed Work Plan Agreement, as supplemented, not modified herein.

Alamo Soil and Water Conservation District
Local Organization

By Johnny Dudek, Jr.
Johnny Dudek, Jr.
Title Chairman
655 South Main Avenue
Address San Antonio, Texas 78204
Zip code
Date September 23, 1971

The signing of this agreement was authorized by a resolution of the governing body of the Alamo Soil and Water Conservation District
Local Organization
adopted at a meeting held on September 23, 1971

Elmer Pape
(Secretary, Local Organization)
Elmer Pape, 655 South Main Avenue
Address San Antonio, Texas 78204
Zip Code
Date September 23, 1971

San Antonio River Authority
Local Organization

By *Fred Pfeiffer*
Title FRED N. PFEIFFER, Manager

Address _____

Date September 29, 1971 ^{Zip Code} _____

The signing of this agreement was authorized by a resolution of the governing body of the San Antonio River Authority

adopted at a meeting held on September 29, 1971
Local Organization

Louis T. Rosenberg
(Secretary, Local Organization)
LOUIS T. ROSENBERG

Address Assistant Secretary

Date September 29, 1971 ^{Zip Code} _____

SAN ANTONIO RIVER AUTHORITY
Fourth Floor Three Americas Building
San Antonio, Texas 78205

Local Organization

By _____

Title _____

Address _____

Zip Code _____

Date _____

The signing of this agreement was authorized by a resolution of the governing body of the _____

adopted at a meeting held on _____
Local Organization

(Secretary, Local Organization)

Address _____

Zip Code _____

Date _____

Soil Conservation Service
United States Department of Agriculture

By *M. J. Spear* ^(Acting)
State Conservationist

Date SEP 29 1971

SUPPLEMENTAL
WATERSHED WORK PLAN NO. II
For
WATERSHED PROTECTION AND FLOOD PREVENTION

SALADO CREEK WATERSHED
Bexar County, Texas

Prepared Under the Authority of the Watershed
Protection and Flood Prevention Act, (Public Law
566, 83rd Congress, 68 Stat. 666); as amended.

Prepared By:

Alamo Soil and Water Conservation District
(Sponsor)

San Antonio River Authority
(Sponsor)

With Assistance By:

U. S. Department of Agriculture
Soil Conservation Service
August 1971

SUPPLEMENTAL
WATERSHED WORK PLAN NO. II

SALADO CREEK WATERSHED
Bexar County, Texss
August 1971

PURPOSE OF THE SUPPLEMENTAL WORK PLAN

It has become necessary to modify the watershed work plan, as supplemented, for Salado Creek Watershed to incorporate provisions for implementing the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970. In order to simplify the cost-sharing of relocation payments and set forth the provisions for providing relocation advisory assistance services, it is necessary to modify the watershed work plan, as supplemented, to reflect current policy and terminology relative to engineering and project administration costs.

The following are changes and modifications made in appropriate parts of the watershed work plan, ss supplemented.

Works of Improvement to be Installed

Under present conditions, the acquisition of land rights needed for the installation of Floodwater Retarding Structure No. 15A will result in the displacement of persons from three tenant-occupied dwellings, and one owner-occupied dwelling, and the displacement of one business categorized as a riding stable. No other displacement or relocation is apparent at this time. However, if other relocations become necessary, relocation payments will be cost-shared in accordance with percentages shown in the work plan agreement.

Explanation of Installation Costs

The total costs for apparent eligible relocation payments resulting from dislocations indicated under "Works of Improvement To Be Installed", are estimated to be \$9,820. After July 1, 1972, the share of these costs to be borne by Public Law 566 funds is 76.27 percent and the share to be borne by other funds is 23.73 percent, and are based upon the ratio of Public Law 566 funds and other funds to the total project costs less relocation payments. For those displacements prior to July 1, 1972, Public Law 566 funds will provide the first \$25,000 for each displacement.

Engineering services costs consist of, but are not limited to, detailed surveys, geologic investigations, laboratory analyses, reports, designs, and cartographic services.

Public Law 566 project administration costs consist of construction inspection, contract administration, assistance to the San Antonio River Authority in providing relocation advisory assistance, maintenance of Soil Conservstion Service State Office records and accounts, and Washington Office and E&WP Unit costs.

The local costs for project administration includes sponsors' costs relative to contract administration overhead and organizational costs, whatever construction inspection they desire to make at their own expense, and all relocation advisory assistance service costs. Advisory assistance service costs include, but are not limited to, determining the need of displaced persons or businesses for relocation assistance, providing appropriate application forms, assisting in filing applications forms, hearing and resolving grievances, providing advisory services to displaced persons in order to minimize hardships to persons, serving notice or displacement, and making relocation payments. Costs for providing relocation advisory assistance services are estimated to be \$2,000 and will be borne entirely by the San Antonio River Authority.

Comparison of Costs and Benefits

The total average annual cost of structural measures (amortized total installation cost, plus operation and maintenance) is \$146,238. These measures are expected to produce average annual benefits, excluding secondary benefits of \$621,047, resulting in a benefit to cost ratio of 4.30:1.0. The ratio of total average annual project benefits, accruing to structural measures (\$681,731) to the average annual cost of structural measures (\$146,238) is 4.7:1.0 (revised table 6).

Project Installation

The San Antonio River Authority through its own facilities and staff, or by contract with a fully qualified government agency, will: (1) provide personally, or by first class mail, written notice of displacement and appropriate application forms to each displaced person, or business, (2) give each displaced person notice to vacate at least 90 days prior to the date they must move, (3) assist in filing applications, (4) review and approve applications for relocation assistance, (5) review and process grievances in connection with displacements, and (6) make relocation payments.

The San Antonio River Authority, or its contracted agent, will provide such relocation advisory assistance services as may be needed in connection with the relocation of displaced persons, businesses, or farm operations in accordance with the provisions of United States Department of Agriculture Rules and Regulations Title 7, Part 19 (interim).

Construction of any floodwater retarding structure causing a displacement will not be initiated until decent, safe, and sanitary replacement housing is available for all displaced families.

Financing Project Installation

The local share of costs for relocation payments and all project administration costs for relocation advisory assistance services will be borne by the San Antonio River Authority which has adequate funds available from tax resources.

REVISED TABLE 1 - ESTIMATED PROJECT INSTALLATION COSTS
Salado Creek Watershed, Texas

Installation Cost Item	Number to be applied		Estimated Cost (dollars)					
	Federal		Public Law 566 Funds		Other funds		Total	
	Land	Non-Land	Federal	Non-Federal	Federal	Non-Federal		
Land Treatment								
Soil Conservation Cropping System	11,483						11,483	
Contour Fencing	617						617	
Gaver and Green Manure Crops	11,483						11,483	
Crop Residue Use	48,153						48,153	
Brush and Weed Control	7,000						7,000	
Range Deferred Grazing	79,200						79,200	
Diversion Ditches	79,200						79,200	
Farm Ponds	10						10	
Grassed Waterway or Outlet	8						8	
Pasture and Hayland Management	6,515						6,515	
Pasture and Hayland Planting	6,515						6,515	
Range Proper Use	13,372						13,372	
Range Seeding	2,633						2,633	
Range Rotation-Deferred Grazing	4,000						4,000	
Terraces, Gradient	292,680						292,680	
Terraces, Parallel	42,240						42,240	
Trough or Tank	12						12	
Technical Assistance								
SCS Subtotal			12,850		12,850		25,700	
TOTAL LAND TREATMENT			12,850		12,850		25,700	
STRUCTURAL MEASURES								
Construction								
Soil Conservation Service		14						
Floodwater Retarding Structures No.	3	2/	529,192	2,738,704			3,267,896	
Subtotal Construction			529,192	2,738,704			3,267,896	
Engineering Services								
Soil Conservation Service								
Subtotal - Engineering Services			24,540	143,785			168,325	
Relocation Payments								
Soil Conservation Service								
Subtotal - Relocation Payments			24,540	143,785			168,325	
Project Administration								
Soil Conservation Service								
Subtotal - Relocation Payments								
Project Administration								
Soil Conservation Service								
Relocation Advisory Assistance Services								
Construction Inspection								
Other								
Subtotal - Administration			26,830	154,545			181,375	
Other Costs			97,791	198,436			296,227	
Land Rights			64,621	352,982			417,603	
Subtotal - Administration			189,242	705,963			895,205	
Land Rights								
Subtotal - Other								
TOTAL STRUCTURAL MEASURES			618,353	3,242,961			3,861,314	
TOTAL PROJECT			618,353	3,255,811			3,874,164	
1/ Price Base: 1971								
2/ Two sites located entirely on Federal land and one site located partially on Federal lands								

REVISED TABLE 2 - ESTIMATED STRUCTURAL COST DISTRIBUTION
 Salado Creek Watershed, Texas
 (Dollars) 1/

Item	Installation Cost - Public Law 566 Funds			Installation Cost - Other Funds			Total Installation Cost
	Construction	Engineering	Relocation Payments	Construction	Engineering	Relocation Payments	
1 2/ Floodwater Retarding Structures							
1 2/	261,719	13,086	-	15,990			290,795
2 2/ A/	216,547	8,908	-	10,025			235,480
3 2/	263,440	13,172	-	19,480			296,092
4	169,732	8,486	-	11,610			189,828
5	275,360	13,768	-	17,700			306,828
6	147,046	8,823	-	24,720			180,589
7	171,013	8,551	-	17,280			196,844
8	213,173	10,658	-	20,140			243,971
9	118,203	7,092	-	7,110			132,405
10	201,688	10,084	-	9,570			221,342
11	194,749	9,737	-	11,100			215,586
12	236,739	11,897	-	21,620			270,256
13A	94,096	6,586	-	11,150			111,832
13B	107,560	6,453	-	8,300			122,313
15A (Rev.)	226,483	11,324	7,490	49,050		2,330	296,677
15	246,102	12,305	-	59,895			318,302
16	124,246	7,455	-	27,150			158,851
Subtotal	3,267,896	168,325	7,490	3,443,711	2,330	341,870	3,787,911
Project Administration	xxx	xxx	xxx	417,603	xxx	xxx	428,103
GRAND TOTAL	3,267,896	168,325	7,490	3,861,314	2,330	341,870	4,216,014

1/ Price Bases 1971
 2/ Structure site located entirely on Federal lands.
 3/ Structure site located partially on Federal land.
 4/ Actual construction cost.
 5/ Relocation payments for displacements prior to July 1, 1972 will be shared as provided in PL-91-646 and in paragraph numbered 1 of the Supplemental Watershed Work Plan Agreement.

REVISED TABLE 4 - ANNUAL COST

Salado Creek Watershed, Texas

(Dollars) 1/

Evaluation Unit	: Amortization : of : Installation : Cost <u>2/</u>	: Operation : and : Maintenance : Cost	: Total
Floodwater Retarding Structures 1 through 12, 13A, 13B, 15A, 15 (Rev.), and 16 <u>3/</u>	128,334	3,400	131,734
Project Administration	14,504	xxx	14,504
GRAND TOTAL	142,838	3,400	146,238

1/ Price Base: Installation - 1971, Operation and maintenance at adjusted normalized prices, April 1966.

2/ 100-years at 3.25 percent.

3/ Interrelated measures.

August 1971

REVISED TABLE 6 - COMPARISON OF BENEFITS AND COSTS FOR STRUCTURAL MEASURES
Salado Creek Watershed, Texas
(Dollars) ^{1/}

Evaluation Unit	Average Annual Benefits ^{1/}						Average Annual Cost ^{4/}	Benefit-Cost Ratio
	Damage Reduction	Urban Use	Incidental ^{2/}	Other ^{3/}	Secondary	Total		
Floodwater Retarding Structures Nos. 1 through 12, 13A, 13B, 15A, 15 (Rev.), and 16	92,113	58,746	461,000	9,215	60,657	681,731	131,734	5.21:1.0
Project Administration	xxx	xxx	xxx	xxx	xxx	xxx	14,504	xxx
GRAND TOTAL	92,113 ^{5/}	58,746	461,000	9,215	60,657	681,731	146,238	4.71:1.0

^{1/} Price Bases Adjusted normalized prices, April 1966.

^{2/} Includes \$21,000 benefits from ground water recharge and \$440,000 from recreation.

^{3/} Benefits from reduction in damages to San Antonio River Floodplain.

^{4/} From Table 4.

^{5/} In addition, it is estimated that land treatment measures will provide damage reduction benefits of \$444 annually.