

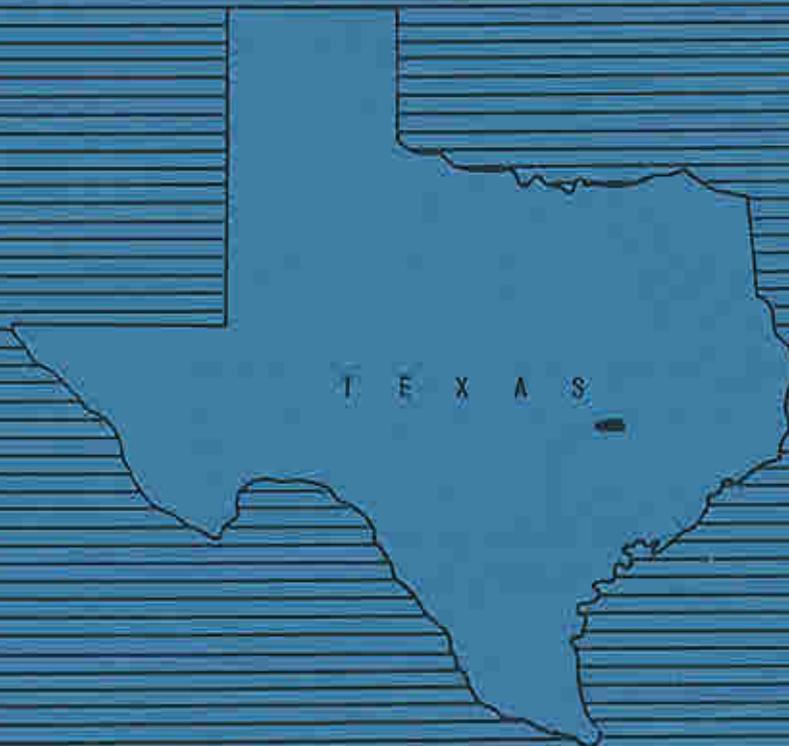
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SUPPLEMENTAL
WORK PLAN No.1

FOR WATERSHED PROTECTION, FLOOD PREVENTION
AND RECREATIONAL DEVELOPMENT

DONAHOE CREEK WATERSHED

BELL, WILLIAMSON, AND MILAM COUNTIES, TEXAS



November 1971

SUPPLEMENTAL WATERSHED WORK PLAN AGREEMENT No. 1

Between the

Little River-San Gabriel Soil and Water Conservation District
Local Organization

Donahoe Creek Watershed Authority
Local Organization

City of Bartlett
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 the Donahoe Creek Watershed, State of Texas, executed by the Sponsoring Local Organization named therein and the Service, became effective on the 14th day of July 1965; and

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

Whereas, it has become necessary to modify the watershed work plan 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 become necessary to modify the Watershed Work Plan to reflect current policy and terminology relative to engineering and project administration costs; and

Whereas, a Supplemental Watershed Work Plan which modifies the Watershed Work Plan dated September 1964 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 Watershed Work Plan Agreement:

1. Paragraph numbered 1 is modified to read as follows:

The Sponsoring Local Organization will acquire all land rights needed for installation of structural works of improvement (estimated cost \$377,688), and agrees that all land acquired or improved with PL-566 financial or credit assistance will not be sold or otherwise disposed of for the evaluated life of the project except to a public agency which will continue to maintain and operate the development in accordance with the Operation and Maintenance Agreement. Cost-sharing for land acquisition will be as follows:

<u>Works of Improvement</u>	<u>Sponsoring Local Organization (percent)</u>	<u>Service (percent)</u>	<u>Estimated Cost (dollars)</u>
Multiple-Purpose Structure No. 4 and Basic Recrea- tional Facilities. Payments to landowners for 979 Acres and cost of modification of improvements.	50	50	182,583
Legal fees, survey costs, flowage easements, and other costs.	100	0	2,940
9 Floodwater Retarding Structures (other than No. 4)	100	0	192,165

2. A paragraph numbered 14 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	35.89	64.11	18,150

3. A paragraph numbered 15 is added to read as follows:

The program conducted will be in compliance with all requirements respecting nondiscrimination as contained in the Civil Rights Act of 1964 and the regulations of the Secretary of Agriculture (7 C.F.R. 15.1-15.12), which provide that no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any activity receiving Federal Financial assistance.

4. Paragraph number 4 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 Cost</u> (dollars)
Multiple-Purpose Structure No. 4	0	100	8,948
Basic Recreational Facilities	50	50	3,890
9 Floodwater Retarding Structures	0	100	51,288

5. Paragraph numbered 5 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 \$12,192 and \$172,689 respectively.

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

Little River-San Gabriel Soil and Water Conservation District
Local Organization

By: G. E. Kretzschmar
G. E. KRETZSCHMAR
Title Chairman

Address Bartlett, Texas 76511
Zip code

Date February 24, 1972

The signing of this agreement was authorized by a resolution of the governing body of the Little River-San Gabriel Soil and Water Conservation District Local Organization adopted at a meeting held on February 24, 1972

Henry Phel
(Secretary, Local Organization)
HENRY PHEL

Address Buckholts, Texas 76518
Zip Code

Date February 24, 1972

Donahoe Creek Watershed Authority
Local Organization

By: W. L. Stokes Jr.
W. L. STOKES JR.
Title PRESIDENT

Address Bartlett, Texas 76511
Zip Code

Date April 26, 1972

The signing of this agreement was authorized by a resolution of the governing body of the Donahoe Creek Watershed Authority Local Organization adopted at a meeting held on April 26, 1972

H. C. Marshall
(Secretary, Local Organization)

Address BARTLETT, TEXAS 76511
Zip Code

Date April 26, 1972

City of Bartlett

Local Organization

By Geo Howland

Title Mayor

Address Bartlett Ill 76511
Zip Code

Date March 28, 1972

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

Local Organization

adopted at a meeting held on March 20, 1972

Frances Zigale
(Secretary, Local Organization)

Address Drawer 4, Bartlett 76511

Date Mar. 28, 72
Zip Code

Local Organization

By _____

Title _____

Address _____
Zip Code

Date _____

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

Local Organization

adopted at a meeting held on _____

(Secretary, Local Organization)

Address _____
Zip Code

Date _____

Soil Conservation Service
United States Department of Agriculture

By Deane W. Gordon
State Conservationist

Date May 1, 1972 (5-1-72)

SUPPLEMENTAL
WATERSHED WORK PLAN NO. 1
FOR
WATERSHED PROTECTION, FLOOD PREVENTION
AND
RECREATIONAL DEVELOPMENT

DONAHOE CREEK WATERSHED
Bell, Williamson, and Milam Counties, 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:

Little River-San Gabriel Soil and Water Conservation District

Donahoe Creek Watershed Authority

City of Bartlett

With Assistance by:

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

SUPPLEMENTAL
WATERSHED WORK PLAN NO. 1

DONAHOE CREEK WATERSHED
Bell, Williamson, and Milam Counties, Texas
November 1971

PURPOSE OF THE SUPPLEMENTAL WORK PLAN

It has become necessary to modify the watershed work plan for Donahoe 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 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.

Works of Improvement to be Installed

Under present conditions the acquisition of land rights needed for installation of the structural measures will result in the following displacements: Floodwater Retarding Structure No. 1, contents of two barns and one shed; Floodwater Retarding Structure No. 2, contents of two sheds; Floodwater Retarding Structure No. 5, contents of one barn and one shed; Multiple-Purpose Structure No. 4, three owner-operated farm enterprises and contents of one barn.

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 displacements indicated under "Works of Improvement To Be Installed" are estimated to be \$18,150. After July 1, 1972, the share of these costs to be borne by Public Law 566 funds is 64.11 percent and the share to be borne by other funds is 35.89 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, maintenance of records and accounts, contract administration, and assistance to the City of Bartlett and the Donahoe Creek Watershed Authority in providing relocation advisory assistance.

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 services costs. Estimated costs of \$1,400 for providing relocation advisory assistance services are expected to amount to \$1,000 for the City of Bartlett and \$400 for the Donahoe Creek Watershed Authority.

Comparison of Costs and Benefits

The total average annual cost of structural measures (amortized total installation costs, plus operation and maintenance) is \$61,676. These measures are expected to produce average annual benefits, excluding secondary benefits, of \$103,382, resulting in a benefit to cost ratio of 1.7:1.0. The ratio of total average annual project benefits accruing to structural measures, \$110,017, to the average annual cost of structural measures, \$61,676, is 1.8:1.0 (revised table 6).

Project Installation

The City of Bartlett has assumed responsibility for providing those relocation advisory assistance services and relocation costs associated with Multiple-Purpose Structure No. 4. The Donahoe Creek Watershed Authority has likewise assumed these responsibilities for Floodwater Retarding Structures Nos. 1, 2, and 5. Each sponsor will through its own facilities, for those structures for which it has assumed responsibility, (1) provide personally, or by first class mail, written notice of displacement and appropriate application forms to each displaced person or business, (2) give displaced persons notice to vacate at least 90 days prior to the date they must move. (3) assist in filling applications, (4) review and approve applications for relocation assistance, (5) review and process grievances in connection with displacements, and (6) make relocation payments.

Each sponsor, having responsibility for furnishing relocation advisory assistance services, will provide such measures, facilities, or services as may be necessary or appropriate in order to, (1) determine the need, if any, of displaced persons for relocation assistance, (2) provide current and continuing information on the availability, prices, and rentals of comparable decent, safe, and sanitary sale and rental housing, and of comparable commercial properties and locations for displaced businesses and farm operations, (3) assure, that within a reasonable period of time prior to displacement, replacement dwellings will be available, (4) assist a displaced person displaced from his business or farm operation in obtaining and becoming established in a suitable replacement location, (5) supply information concerning housing programs, disaster loan programs, and other Federal or State programs offering assistance to displaced persons, (6) provide other advisory services to

displaced persons in order to minimize hardships to such persons in adjusting to relocation, (7) advise displaced persons that they should notify the displacing agency before they move, and (8) prior to initiation of acquisition, provide persons from whom it is planned to acquire land a brochure or pamphlet outlining the benefits to which they may be entitled.

Construction of any structural measure 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 afore mentioned sponsors for those structures for which they have assumed responsibility. The Donahoe Creek Watershed Authority has adequate funds available as the result of bond issues and the City of Bartlett has adequate funds available from tax resources.

REVISED TABLE 1 - ESTIMATED PROJECT INSTALLATION COST

Donahoe Creek Watershed, Texas

Installation Cost Item	Unit	No. to be Applied	Estimated Cost		
			Public Law Funds	Other Funds	Total
			Dollars 1/		
			566		
			2/		
<u>LAND TREATMENT</u>					
Soil Conservation Service					
Cropland	Acre	10,592	-	102,956	102,956
Pastureland	Acre	15,990	-	264,808	264,808
Technical Assistance			28,374	47,100	75,474
SCS Subtotal			28,374	414,864	443,238
TOTAL LAND TREATMENT			28,374	414,864	443,238
<u>STRUCTURAL MEASURES</u>					
<u>Construction</u>					
Soil Conservation Service					
Multiple-Purpose					
Structure	No.	1	175,062	18,612	193,674
Basic Recreation					
Facilities	No.	1	31,507	31,508	63,015
Floodwater Retarding					
Structure	No.	9	807,248	-	807,248
Subtotal - Construction			1,013,817	50,120	1,063,937
<u>Engineering Services</u>					
Soil Conservation Service					
			62,181	1,945	64,126
Subtotal - Engineering			62,181	1,945	64,126
<u>Relocation Payments</u>					
Soil Conservation Service					
			11,636	6,514	18,150
Subtotal - Relocation Payments			11,636	6,514	18,150
<u>Project Administration</u>					
Soil Conservation Service					
Relocation Advisory					
			-	1,400	1,400
Assistance Services					
			81,797	4,031	85,828
Construction Inspection					
			90,892	6,761	97,653
Subtotal - Administration			172,689	12,192	184,881
<u>Other Costs</u>					
Land Rights					
			91,291	286,397	377,688
Water Rights					
			-	600	600
Subtotal - Other			91,291	286,997	378,288
TOTAL STRUCTURAL MEASURES			1,351,614	357,768	1,709,382
TOTAL PROJECT			1,379,988	772,632	2,152,620

1/ Price Base: 1971 for all structural measures except for floodwater retarding structures Nos. 7, 8, and 9 which are at actual construction cost.

2/ Acres to be treated during project installation.

REVISED TABLE 2 - ESTIMATED STRUCTURAL COST DISTRIBUTION

Donaboe Creek Watershed, Texas

(Dollars) $\frac{1}{2}$

Item	Installation Cost - Public Law 566 Funds			Installation Cost - Other Funds			Total Installation Cost
	Construction: Engineering: Payments: Rights:	Relocation: Land: Public Law: Payments: Rights:	566	Construction: Engineering: Payments: Rights:	Relocation: Land: Water: Rights: Other:	Total Installation Cost	
Floodwater Retarding Structures (constructed) Nos. 7, 8, 9	181,025	14,144	-	195,169	-	19,150	214,319
Subtotal	181,025	14,144	-	195,169	-	19,150	214,319
Floodwater Retarding Structures	182,856	8,448	180	191,484	-	100	246,884
1	94,224	6,219	51	100,494	-	29	135,148
3	95,446	6,299	-	101,745	-	-	136,945
5	113,809	6,362	64	120,235	-	36	20,716
6	80,177	5,292	-	85,469	-	-	140,991
10	59,711	4,524	-	64,235	-	-	21,010
Subtotal	626,223	27,144	295	667,662	-	165	173,180
Multiple-Purpose Structure	175,062	8,948	11,341	89,902	18,612	600	116,903
4	31,507	1,945	-	24,389	31,508	2,890	36,343
Basic Recreation Facilities	206,569	10,893	11,341	91,291	50,120	600	153,246
Subtotal	1,013,817	62,181	11,636	91,291	1,178,925	600	345,576
Project Administration	-	-	-	172,689	-	-	184,881
GRAND TOTAL	1,013,817	62,181	11,636	91,291	1,178,925	600	357,768

$\frac{1}{2}$ Price Base: 1971

$\frac{2}{2}$ Relocation payments for displacements prior to July 1, 1972 will be shared as provided in EL-91-646 and in paragraph numbered 1 of the Supplemental Watershed Work Plan Agreement.

$\frac{3}{3}$ Actual construction cost.

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1978-8

REVISED TABLE 2A - COST ALLOCATION AND COST SHARING SUMMARY
Donahoe Creek Watershed, Texas

(Dollars) 1/

ITEM	COST ALLOCATION			COST SHARING		
	Flood	Prevention	Other	Flood	Prevention	Other
Single - Purpose Floodwater Retarding Structures Nos. 1 through 3 and 5 through 10	1,051,161	1,051,161	-	858,831	192,330	-
Multiple-Purpose Structure No. 4	165,398	401,156	163,678	120,575	284,253	116,903
Basic Recreation Facilities	-	72,184	-	35,841	-	36,343
GRAND TOTAL	1,216,559	1,524,501	1,022,509	1,178,925	192,330	153,246

1/ Price Base: 1971 for all structural measures except Floodwater Retarding Structures Nos. 7, 8, and 9 which are at the actual construction cost.

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REVISED TABLE 4 - ANNUAL COST

Donahoe Creek Watershed, Texas

(Dollars)

Evaluation Unit	: Amortization : Of : Installation : Cost <u>1/</u>	: Operation : and : Maintenance : Cost <u>2/</u>	: Total
Floodwater Retarding Structures 1 through 3 and 5 through 10			
and			
Multiple-Purpose Structure No. 4, and Basic Recrea- tion Facilities	48,250	7,575	55,825
Project Administration	5,851	-	5,851
TOTAL	54,101	7,575	61,676

1/ Price Base: 1971 for all structural measures, except for floodwater retarding structures Nos. 7, 8, and 9 which are at actual construction cost, amortized for 100 years at 3.0 percent.

2/ Long-term prices as projected by ARS, September 1957.

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REVISED TABLE 6 - COMPARISON OF BENEFITS AND COSTS FOR STRUCTURAL MEASURES

Donahoe Creek Watershed, Texas

(Dollars)

Measures	AVERAGE ANNUAL BENEFITS ^{1/}				Average Annual Cost	Benefit Cost Ratio
	Flood Prevention	Damage Reduction	Recreation	Secondary		
Floodwater Retarding Structures No. 1 through 3 and 5 through 10						
and						
Multiple-Purpose Structure No. 4, and Basic Recreational Facilities	78,336	1,046	24,000	6,635	110,017	2.0:1
Project Administration	-	-	-	-	5,851	-
GRAND TOTAL	^{3/} 78,336	1,046	24,000	6,635	110,017	1.8:1

^{1/} Price Base: Long-term prices as projected by ARS, September 1957.

^{2/} From table 4.

^{3/} In addition, it is estimated that land treatment measures will provide flood damage reduction benefits of \$7,638 annually.

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