

SUPPLEMENTAL WATERSHED WORK PLAN NO. II

for

WATERSHED PROTECTION, FLOOD PREVENTION
AND RECREATIONAL DEVELOPMENT

TOWN BRANCH WATERSHED
Madison 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:

Bedias Creek Soil and Water Conservation District
(Sponsor)

City of Madisonville
(Sponsor)

Commissioners Court of Madison County
(Sponsor)

With Assistance By:

United States Department of Agriculture
Soil Conservation Service
August 1970

SUPPLEMENTAL WATERSHED WORK PLAN AGREEMENT NO. II

between the

Bedias Creek Soil and Water Conservation District
(Local Organization)

City of Madisonville
(Local Organization)

Commissioners Court of Madison County
(Local Organization)

(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 Town Branch
Watershed, State of Texas, executed by the Sponsoring Local Organization
named therein and the Service, became effective on the 19th day of April
1962; and

Whereas, the Supplemental Watershed Work Plan Agreement for _____
Town Branch Watershed, State of Texas, executed by the Sponsoring
Local Organization named therein and the Service, became effective on the
16th day of March, 1964; and

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

Whereas, the Sponsoring Local Organization has developed a long-range
master plan for community recreation development; and

Whereas, it has been found necessary to modify the watershed work plan,
as supplemented, by revising the types, numbers, and costs of basic recrea-
tional facilities to be installed to assure orderly development and full
compatibility of features in the recreation area; and

Whereas, it has been found mutually advantageous to the Sponsoring
Local Organization and the Service 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 October 1961, and the Supplemental Watershed Work Plan dated September 1963, for said watershed has been developed through the mutual 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. That portion of paragraph numbered 3 relative to basic recreational facilities is modified to read as follows:

The percentages of construction costs of structural works of improvement 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)
Basic Recreational Facilities	50	50	92,775

2. All construction costs for appurtenant features to the Group Shelter, such as air conditioning and heating units, or other non-basic items, as desired by the Sponsoring Local Organization will be borne by the Sponsoring Local Organization.
3. All construction costs for main water lines, main sanitary sewer lines and power lines necessary to provide service to the recreation area will be borne by the Sponsoring Local Organization, except that portion of sanitary sewer lines installed through the embankment of multiple-purpose structure. Cost-sharing for utility lines will be limited to those lines connecting recreational facilities to main utility sources.
4. That portion of paragraph numbered 4 relative to basic recreational facilities is modified to read as follows:

The percentage of 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)
Basic Recreational Facilities A and E Contract	50	50	11,000

5. All engineering costs for main water lines, main sanitary sewer lines, and power lines necessary to provide service to the recreation area are excluded from the provisions of the A and E contract and will be borne by the Sponsoring Local Organization.
6. Except for specialized inspection services provided for under terms of the A and E Contract, the Sponsoring Local Organization and the Service will each bear the costs of Project Administration for installation of basic recreational facilities which it incurs, estimated to be \$2,000 and \$12,045, respectively.
7. Tables 1, 2 and 2A referred to in the Supplementary Watershed Work Plan are modified to conform with tables 1, 2, 2A and 2B (revised), which read as follows: (tables attached)
8. 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.
9. The Sponsoring Local Organization and the Service further agree to all other terms, conditions, and stipulations of said Supplementary Watershed Work Plan Agreement not modified herein.

Bedias Creek Soil and Water Conservation District
Local Organization

By T. C. Smith
T. C. Smith
Title Chairman

Address Wrensburg, TX 77871
Zip code

Date August 25, 1970

The signing of this agreement was authorized by a resolution of the governing body of the Bedias Creek Soil and Water Conservation District
Local Organization

adopted at a meeting held on 4-8-64

Sterling Andrews
(Secretary, Local Organization)
Sterling Andrews

Address William Street 75852
Zip Code

Date 8-15-70

City of Madisonville

Local Organization
By W. B. Viser
W. B. Viser

Title Mayor
Address P.O. DRAWER 77844
MADISONVILLE, TEX Zip Code

Date August 25, 1970

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

Local Organization
adopted at a meeting held on the 13th day of June, 1966

Ross Maddie
(Secretary, Local Organization)
Ross Maddie

Address P.O. Box 5149 77864
Zip Code

Date August 25, 1970

Commissioners Court of Madison County
Local Organization

By J. C. Wells
J. C. Wells

Title County Judge

Address Madisonville, Tex 77864
Zip Code

Date 8-25-70

The signing of this agreement was authorized by a resolution of the governing body of the Commissioners Court of Madison County
Local Organization

adopted at a meeting held on 4-13-66

Marie Evans
(Secretary, Local Organization)
Marie Evans County Clerk

Address Madisonville, Texas
Zip Code

Date 8-25-70 77864

Soil Conservation Service
United States Department of Agriculture

By _____

Date _____

TABLE 1 - ESTIMATED PROJECT INSTALLATION COST

Town Branch Watershed, Texas

Installation Cost Item	Unit	Estimated Cost (Dollars)			Total
		Land	Land	Land	
<u>LAND TREATMENT</u>					
Soil Conservation Service Grassland	Acre	400		14,080	14,080
Technical Assistance				860	860
TOTAL LAND TREATMENT				14,940	14,940
<u>STRUCTURAL MEASURES</u>					
<u>Construction</u>					
Soil Conservation Service Multiple-Purpose Structure	No	1	78,459	17,456	95,915
Basic Recreational Facilities	No	1	46,387	46,388	92,775
Floodwater Retarding Structures	No	1	45,137	-	45,137
Subtotal - Construction			169,983	63,844	233,827
<u>Engineering Services</u>					
Soil Conservation Service			16,905	5,500	22,405
Subtotal - Engineering Services			16,905	5,500	22,405
<u>Project Administration</u>					
Soil Conservation Service Construction Inspection			14,364	1,000	15,364
Other			17,869	2,000	19,869
Subtotal - Administration			32,233	3,000	35,233
<u>Other Costs</u>					
Land Rights			35,099	43,949	79,048
Water Rights			-	600	600
Subtotal - Other			35,099	44,549	79,648
TOTAL STRUCTURAL MEASURES			254,220	116,893	371,113
TOTAL PROJECT			254,220	131,833	386,053

1/ Price Base: 1970 for basic recreational facilities; actual costs for all other structural measures.

TABLE 2 - ESTIMATED STRUCTURAL COST DISTRIBUTION

Town Branch Watershed, Texas
(Dollars) 1/

Item	Installation Cost P. L. 566 Funds				Installation Cost Other Funds				
	Construction	Engineering	Land Rights	Total P.L. 566	Construction	Engineering	Land Rights	Water Rights	Total Other
Multiple-Purpose Structure									
1	78,459	7,445	35,099	121,003	17,456	-	36,649	600	54,705
Basic Recreational Facilities	46,381	5,500 <u>2/</u>		51,887	46,388	5,500 <u>2/</u>	-	-	51,888
Floodwater Retarding Structure									
2	45,137	3,960	-	49,097			7,300		7,300
Subtotal	169,983			221,987	63,844				113,893
Project Administration				32,233					3,000
GRAND TOTAL	169,983	16,905	35,099	254,220	63,844	5,500	43,949	600	116,893

1/ Price Base: 1970 for basic recreational facilities; actual costs for all other structures.

2/ A and E Contract costs.

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August 1

TABLE 2A - COST ALLOCATION AND COST SHARING SUMMARY

Town Branch Watershed, Texas
(Dollars) 1/

Item	Cost Allocation			Cost Sharing				
	Purpose			Public Law 566			Other	
	Flood Prevention	Recreation	Total	Flood Prevention	Recreation	Total	Flood Prevention	Recreation
<u>Multiple Purpose</u>								
Structure No. 1	65,840	109,868	175,708	65,840	55,163	121,003	-	54
<u>Single Purpose</u>								
Basic Recreation Facilities	-	103,775	103,775	-	51,887	51,887	-	51
Floodwater Retarding Structure No. 2	56,397	-	56,397	49,097	-	49,097	7,300	
GRAND TOTAL	122,237	213,643	335,880	114,937	107,050	221,987	7,300	106

1/ Price Base: 1970 for basic recreational facilities; actual costs for all other structures.

TABLE 2B - RECREATIONAL FACILITIES

ESTIMATED CONSTRUCTION COSTS

Town Branch Watershed, Texas
(Dollars) 1/

Item	Number	Estimated Unit Cost	Total Construction Cost
1. Site Preparation, Grading, etc.	1 Job	LS	4,700
2. Access Roads - Paved	2,900 Ft. ^{2/}	5.30	15,400
3. Parking Areas and Associated Drives - Paved	2,770 sq.yd. ^{2/}	2.25	6,250
4. Drives and Parking - Gravel	2,430 sq.yd. ^{2/}	1.50	3,645
5. Group Shelter with Restrooms, including electrical service and water and sewer lines to City water and sewer mains	1	LS	21,000
6. Restroom, including electrical service and water and sewer lines to City water and sewer mains	1	LS	5,300
7. Shade Shelters	5	450	2,250
8. Fencing of playgrounds area for public protection	1 Job	LS	9,000
9. Fencing - Exterior	2.2 Mile ^{2/}	LS	5,250
10. Sanitary sewer line through embankment at Multiple-Purpose Structure	90 feet	LS	1,000
11. Drinking fountains and irrigation sprinkler lines	2	750	1,500
12. Boat Ramp	1	LS	1,200

(Footnotes on last page of this table.)

TABLE 2B - RECREATIONAL FACILITIES

ESTIMATED CONSTRUCTION COSTS (Continued)

Town Branch Watershed, Texas
(Dollars) 1/

Item	Number	Estimated Unit Cost	Total Construction Cost
13. Boat Dock	1	LS	4,000
14. Vegetative Planting	8.7 Ac. <u>2/</u>	LS	1,120
15. Landscaping	1 Job	LS	500
16. Entrance Sign	1	LS	300
17. Directional Signs	15 <u>2/</u>	8	120
18. Picnic Units	40 <u>2/</u>	150	6,000
19. Trash Disposal Units	6 <u>2/</u>	40	240
20. Playground Equipment Swing, Slide, Merry-go-round, and See-saw	2 sets	2,000	4,000
GRAND TOTAL			92,775

1/ Price Base: 1970

2/ Estimated quantity, subject to minor variation at time of detailed planning.

Supplement No. II
August 1970