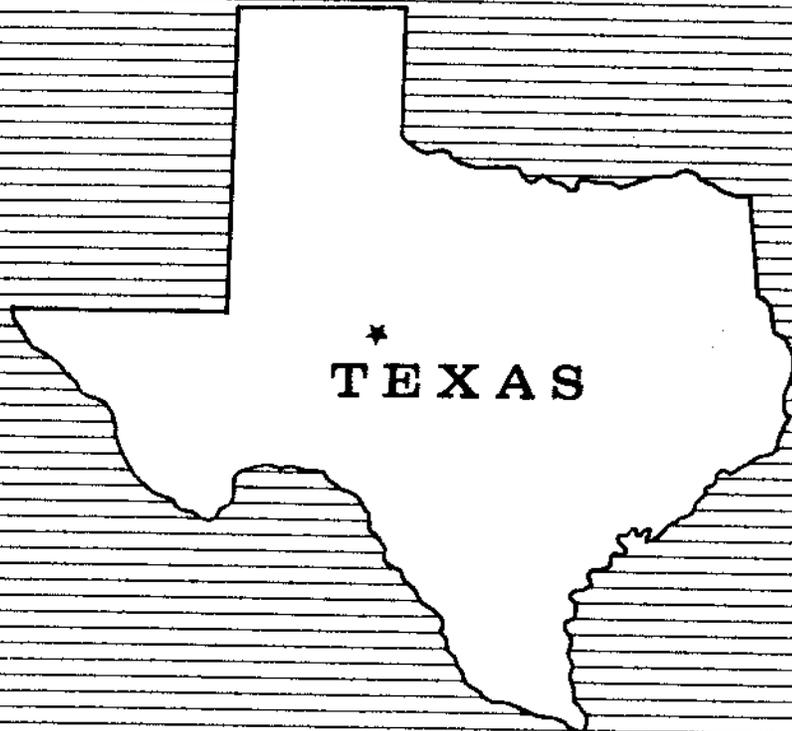


**SUPPLEMENTAL PLAN NO. IV
FOR WATERSHED PROTECTION AND FLOOD PREVENTION**

**JIM NED CREEK WATERSHED
OF THE MIDDLE COLORADO RIVER WATERSHED**

BROWN, COLEMAN, CALLAHAN, TAYLOR and RUNNELS COUNTIES, TEXAS



Supplemental Watershed Work Plan Number IV

Between the

City of Coleman
Local Organization

Central Colorado Soil and Water Conservation District
Local Organization

(hereinafter referred to as the City and District and when referred to collectively will be called Local Sponsors)

State of Texas

and the

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

Whereas, the Watershed Work Plan Agreement for the Jim Ned Creek Watershed, State of Texas, executed by the Sponsoring Local Organization named in the original watershed work plan, and the Service, became effective on the 5th day of October 1960; and

Whereas, the Supplemental Watershed Work Plan Agreement No. I for said watershed, executed by the Sponsoring Local Organization named therein and the Service, became effective on the 23rd day of April 1973; and

Whereas, the Supplemental Watershed Work Plan Agreement No. II for said watershed, executed by the Sponsoring Local Organization named therein, and the Service, became effective on the 22nd day of October 1974; and

Whereas, the Supplemental Watershed Work Plan Agreement No. III for said watershed, executed by the Sponsoring Local Organization named therein and the Service, became effective on the 12th day of May 1976; and

Whereas, in order to complete the overall public water-based recreation development at Multiple-purpose structure No. 38A in this watershed, it has become necessary to modify the agreement to include cost-sharing arrangements between the City and the Service for the installation of public water-based recreational facilities.

Whereas, there has been developed through the cooperative efforts of the City and District and the Service, a mutually satisfactory plan for cost-sharing on public water-based recreation at Site 38A on the Jim Ned Creek Watershed, which supplement is annexed to and made a part of this agreement; and

Whereas, the supplement describes the recreation problems and set forth a plan for works of improvements the kinds and quantities of measures to be installed, the estimated cost, cost-sharing arrangements, maintenance and other responsibilities of those participating in the project.

Now, therefore, in view of the foregoing considerations, the local sponsors and the Secretary of Agriculture, through the Service, hereby agree on the supplement, and further agree that the works of improvement as set forth in said supplement will be installed, operated and maintained substantially in accordance with the terms, conditions and stipulations provided therein; and do hereby agree upon the following terms, conditions, and stipulations of said Waterahed Work Plan Agreement.

1. Delete from Supplemental Work Plan No. II "The City of Coleman will bear all costs for basic recreational facilities."
2. Add - Installation of public water-based recreation facilities at Multiple-purpose structure No. 38A on a cost-share basis with the City.
3. A separate agreement will be entered into between the Service and the City before either party initiates work involving funds of the other party. Such agreement will set forth in detail the financial and working arrangements and other conditions that are applicable to the specific works of improvement.
4. The costs shown in this agreement represents preliminary estimates. In finally determining the costs to be borne by the parties hereto; the actual costs incurred in the installation of works of improvements will be used.
5. The City will furnish with other than Public Law 78-534 funds all land easements, rights-of-way and permits as may be needed to install recreation facilities.
6. The percentage of construction and engineering costs to be borne by the City and by the Service are as follows:

<u>Item</u>	<u>City of Coleman</u> (percent)	<u>Service</u> (percent)	<u>Estimated Costs</u> (dollars)
Construction			
Recreation facilities	50	50	140,460
Architectural and Engineering Services	50	50	10,000

7. The Local Sponsors and the Service will each bear the cost of Project Administration it which incurs, estimated to be \$3,000 and \$20,000 respectively.

The Local Sponsors and the Service further agree to all other terms, conditions and stipulations of said watershed work plan agreement, as supplemented, not modified herein.

Central Colorado Soil and Water Conservation District

Local Organization

PO Box 867, Coleman TX 76834
Address Zip Code

By _____

Title _____

Date 11/2/78

The signing of this agreement was authorized by a resolution of the governing body of the Central Colorado Soil and Water Conservation District adopted _____
Local Organization

at a meeting held on 11/2/78

[Signature]
Secretary, Local Organization

Santa Anna, TX 76818
Address Zip Co

11/2/78
Date

City of Coleman
Local Organization

City Hall, Coleman, Texas 76834
Address Zip Code

By [Signature]
Title Mayor

Date Nov 3, 1978

The signing of this agreement was authorized by a resolution of the governing body of the CITY OF COLEMAN, Texas adopted _____
Local Organization

at a meeting held on Nov 2, 1978

Eddy Jamison
Secretary, Local Organization

P.O. Box 592 Coleman, TX 76
Address Zip Co

Nov 3, 1978
Date

Soil Conservation Service
United States Department of Agriculture

Approved by:
[Signature]
State Conservationist

NOV 7 1978
Date

SUPPLEMENTAL WATERSHED WORK PLAN NO. IV

FOR

WATERSHED PROTECTION, FLOOD PREVENTION AND
NON-AGRICULTURAL WATER MANAGEMENT

JIM NED CREEK WATERSHED
of the Middle Colorado River Watershed
Brown, Coleman, Callahan, Taylor
and Runnels Counties, Texas

Plan Prepared and Works of Improvement
to be installed under the authority
of the Flood Control Act of 1944
as Amended and Supplemented

Prepared By:

Central Colorado Soil and Water Conservation District
Local Organization

City of Coleman
Local Organization

With Assistance By:

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
January 1978

SUPPLEMENTAL

WATERSHED PLAN NO. IV

JIM NED CREEK WATERSHED
of the Middle Colorado River Watershed
Brown, Coleman, Callahan, Taylor and Runnels Counties, Texas

September 1977

PURPOSE OF THE SUPPLEMENTAL PLAN

The purpose of this supplemental watershed plan for the Jim Ned Creek watershed is to modify the plan, as supplemented to add installing public water-based recreation facilities at multiple-purpose structure No. 38A on a cost-share basis with the City of Coleman.

Supplement No. II for this watershed added Site No. 38A which included storage capacity of 161 acre feet for recreation purposes. The construction of the dam was completed in December 1976. During plan formulation of Supplement No. II the City of Coleman agreed to install at its own expense certain basic recreation facilities. The City's financial ability to do this has changed and it has requested the Service, under its authorities, to assist in formulating a recreation development plan around this existing lake. Furthermore, the City needs cost-share participation in order to install the planned development on the tract of land already committed for recreation land use.

The purpose of this supplement is to provide for the use of flood prevention funds on a cost-share basis to install recreation facilities around the existing lake.

The following are changes made in appropriate parts of the watershed plan, as supplemented.

WATERSHED PROBLEMSProblems Relating to Water Management

During the formulation of the watershed plan supplement No. 11, Site 19A was added to include capacities for both floodwater detention and storage of water for recreation purpose. At that time, the City of Coleman agreed to install recreation facilities as needed. The City does not have the financial resources to carry out this obligation in a reasonable time period. Consequently, the City has requested the Service to provide technical and financial assistance to install water-based recreation facilities.

The City utilized multiple planning inputs to formulate this selected plan. The Texas Parks and Wildlife Department personnel developed a conceptual park plan for the City. The Department could not provide financial assistance through State or BOR funds for development purposes. The City held two public meetings to solicit public reaction and inputs on the kinds and location of facilities. The results were favorable for park development and both the city and public were in agreement on the kinds of facilities that should be installed.

There is a need to develop a water-oriented park in the immediate vicinity of Coleman. Research compiled by the Comprehensive Planning Staff of the Texas Parks and Wildlife Department indicates there is a deficit of outdoor water-based recreation facilities to serve the needs of people residing in Region 8. The user days participation occurring in this Region is expected to increase by 52 percent during the period 1970-1980. Activities in the top ranking are fishing, swimming and picnicking.

WORKS OF IMPROVEMENT TO BE INSTALLEDStructural Measures

This supplement provides for adding basic recreational facilities around an existing water impoundment of 22 surface acres, which was constructed as part of the overall structural works for flood prevention and recreation in this watershed.

RECREATION FACILITIES

This supplemental plan provides for the installation of recreational facilities on a 94 acre park site of land known as Memory Lake Park during a three-year installation period. The park site is owned by the City of Coleman and will be developed as a public water-based recreational development. The recreation pool has 22 surface acres. A water budget study shows the lake will furnish yearlong water supply. The County health officer has previously determined the lake water quality was suitable for water contact activities.

The plan is in accord with the Texas Outdoor Recreation Plan.

An archeological survey of the park was made by the Service's archeologist during 1977. Nothing of historical significance was found and a search of the National Register of Historic Places failed to identify any sites which will be affected by project action.

Table 2B lists the basic facilities and the proposed number or amount which will be installed as part of this plan. Basic facilities include road improvements, park spaces, picnic units, a group shelter, paths or sidewalks, restroom, swimming beach, fishing piers, and an associated game field. Basic facilities where applicable will be designed to meet federal

standards in accordance with Public Law 90-480 and state requirements in accordance with Senate Bill 111 in regard to making them accessible to the physically handicapped.

The City has an existing overhead electrical utility system within the park near the north boundary. Connections to this source will be made using an underground extension system to needed points in the park. The recreational area is adequately fenced to prevent livestock encroachment and to protect the park aesthetics.

The restroom will consist of a single masonry building with separate sections served by a pit-type reinforced concrete holding tank located below the structure with man holes for effluent evacuation purposes. The City did not want to develop a potable water supply for the park. After full evaluation of the situation the City concluded that the majority of the users would be local and the public can furnish its own water needs without causing inconvenience.

All state and local requirements related to public health and maintain lake water quality will be complied with in design, operation, and maintenance of park facilities.

A contour map (on 2-foot contours) of the entire park is available. In the fall of 1977, the lake was stocked with fat head minnows, hybrid sunfish, channel catfish and bass. The stockponds above the lake have also been controlled and restocked with desirable fish. During the construction of the dam, the city placed brush and rock piles in the dry lake for fish habitat purposes.

EXPLANATION OF INSTALLATION COSTS

The costs shown in this plan represent preliminary estimates. The actual costs incurred in the installation of the facilities will be used in determining the costs to be borne by each party. The total cost estimates are shown in Table 1. Table 2 gives a distribution of estimated installation costs by source of funds.

Table 2B is a listing of each item of work planned for installation. The types, number, estimated unit costs and total costs for recreation facilities are shown in this table. The total installation costs for recreation facilities, excluding project administration, is estimated to be \$150,460 of which \$75,230 will be borne by Federal funds and \$75,230 will be borne by City funds.

Construction costs of \$140,460 include the cost of installation of both structural and vegetative elements according to plans and specifications for each element of work. It includes costs of materials and labor and may, in some instances, require the contractor to implement an onsite safety program to protect the public.

Engineering costs of \$10,000 are for professional architectural and engineering (A&E) services. The City and the Service will enter into an agreement for the procurement of A&E services with a qualified private firm for preparation of construction plans and specifications for the recreation facilities. Such agreement will provide for the Service to award and administer such contract, which will be negotiated by the Service in accordance with Federal Procurement Regulations. The Service will consult with the City on the price, if it exceeds the estimated cost provided for in the project agreement. The A&E contract for basic

Facilities will be shared 50-50 by the City and the Service. The Service will participate with the City in review of all construction plans and specifications.

The Service's administration costs of \$20,000 consist of construction inspection, contract administration, and maintenance of Service records and accounts. The City's administration cost of \$3,000 will be borne by the City relative to its administrative costs, overhead, and whatever construction inspection it desires to make. Regardless of the method used to install all planned work, the City and the Service will each bear 50 percent of the actual construction costs. Any costs incurred for obtaining loans, land and water rights, legal fees, and surveys associated there will be borne 100 percent by the City.

The Service will be the contracting agency to advertise, award, and administer contracts for installation of all facilities including labor, materials, and equipment.

The installation period is estimated to be three years. The City has expressed a maximum commitment of about \$25,000 annually for its share of park development. The Service and the City will mutually concur in the final determination of what items in Table 2B will be included for a given construction year program. Vegetation work needed to control erosion will be done as part of construction of each item. The order for construct priority is:

1. All roads with parking
2. Restroom with security light
3. Fishing piers
4. Swimming beach
5. Group shelter with lights
6. Individual picnic units
7. Landscaping

BENEFITS FROM WORKS OF IMPROVEMENT

The installation of the recreation facilities included in this plan in connection with the recreation water provided by multiple-purpose structure 2

1. Provide a needed water oriented recreation area for the residents residing in and near Coleman.
2. Provide a day use park with picnicking, fishing, and swimming opportunities for all age groups.
3. Provide a quality fishing experience which gives a 24-hour utilization.

It is estimated that 8,600 recreation user days will benefit annually from the development of the city park. Holidays and weekends during the spring and summer season will be the periods of greatest use. It is expected that more than 200 people will visit the park on peak days.

An analysis of available data from this general area indicates that the recreation facilities herein provided would be valued at \$2.25 per user day. It is estimated that the installation of all planned basic facilities will produce \$19,350 in average annual monetary benefits.

COMPARISON OF BENEFITS AND COSTS

The average annual cost of structural measures, (amortized total installation cost and project administration, plus operation, maintenance, and repair), for the total project is \$164,820. These measures are expected to average annual primary benefits of \$316,411. The benefit-cost ratio without secondary benefits is 1.9 to 1.0. The ratio of total average annual project benefits accruing to structural measures, \$346,588, to the average annual cost of structural measures, \$164,820 is 2.1 to 1.0 (Table 6).

Financing Project Installation

Funds for the local share of the cost for installing recreation facilities will be provided by the City of Coleman.

Works of improvement will be installed pursuant to the following conditions:

1. A supplemental operation and maintenance agreement between the City and the Service has been executed.
2. All landrights and permits have been obtained and certified by the city.
3. Project agreements and an A&E agreement have been executed.
4. Construction plans and specifications have been agreed to by each party hereto.
5. Federal funds and City funds are available.

PROVISIONS FOR OPERATION AND MAINTENANCE

The City will be responsible for the operation and maintenance of the recreation facilities installed. An operation and maintenance agreement will be entered into between the City, the District and the Service setting forth operation and maintenance requirements prior to execution of a project agreement. The estimated annual cost of operation and maintenance is \$6,860, which includes replacement of basic facilities. It is considered that most of the facilities to be installed including access roads and parking areas will have a useful life of about 25 years with normal and adequate maintenance. Therefore, it is considered that most of the facilities will have to be replaced at one time during the 50-year project evaluation period.

The City agrees that all land acquired or improved with PL-534 funds 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.

The annual replacement cost for facilities can best be arrived at by the sinking fund method, whereby a set amount of funds are put into a sinking account each year at a specified rate of interest. The total amount of set-aside funds plus the accrued interest will equal the required capital amount at the specified future time frame. The annual amount to assure replacement capital 25 years hence at 6 percent interest would be \$2,560.

Operation and maintenance work will normally consist of actions which can be expected in a public water-based recreational development. Action will include, but will not be limited to daily operations of the park such as maintenance of the grounds; cleaning and servicing restrooms to maintain sanitary conditions, replacement and upkeep of equipment due to normal wear and tear. The City will inspect, clean and make timely repairs to picnic units, group shelter, fishing pier and swimming beach; road system, parking areas, and walking paths will be maintained by repairing or replacement; daily collection of garbage will be necessary.

The City will carry out an effective operation and maintenance program to insure that all works installed will be available to meet the long range recreational needs of the people. The District will provide technical assistance on operations and maintenance as is appropriate. Inspection of the improvements will be made annually by the City, the District, and the Service for a period of three years. Annual inspection after the third year will be made by the City and the District. After the third year, the Service will make additional inspections periodically as deemed necessary.

Inspection reports will be supplied to the Service annually by the City. Upon request the District will provide technical assistance for needed maintenance work.

REVISED TABLE 1 - ESTIMATED PROJECT INSTALLATION COST

Jim Ned Creek Watershed, Texas
(Middle Colorado River Watershed)

Installation Cost Item	Number		Estimated Cost (Dollars) 1/			Total
	Unit	Land	Federal	Non Federal	Other	
LAND TREATMENT	Land	Land	Land	Land	Land	Land
Land Areas						
Cropland	-	108,830	108,830	-	643,820	643,820
Pastureland	-	13,255	13,255	-	312,490	312,490
Rangeland	-	249,750	294,750	-	4,805,440	4,805,440
Other Land 2/	-	1,502	1,502	-	7,510	7,510
Critical Area Stabilization	Acres	3,640	3,640	992,000	248,000	1,240,000
Technical Assistance				706,480	-	706,480
TOTAL LAND TREATMENT	xxx	xxx	xxx	1,698,480	6,017,260	7,715,740
STRUCTURAL MEASURES						
Construction						
Floodwater Retarding Structures	No.	37	37	2,935,710	-	2,935,710
Multiple-Purpose Structure	No.	1	1	79,730	28,390	108,120
Recreation						
Basic Facilities	No.	1	1	70,230	70,230	140,460
Subtotal Construction				3,085,670	98,620	3,184,290
Engineering Services				206,760	8,670	215,430
Project Administration						
Construction Inspection				291,420	3,700	295,120
Other				276,730	17,850	294,580
Subtotal Administration				568,150	21,550	589,700
Other Cost						
Land Rights				-	369,410	369,410
Water Rights				-	500	500
Subtotal Other					369,910	369,910
TOTAL STRUCTURAL MEASURES				3,860,580	498,750	4,359,330
TOTAL PROJECT						

REVISED TABLE 2 - ESTIMATED STRUCTURAL COST DISTRIBUTION
 JIM NED CREEK WATERSHED, TEXAS
 (Middle Colorado River Watershed)
 (Dollars) 1/

Item	Installation Cost-Flood Prevention Funds		Installation Cost-Other Funds		Total Installation Cost				
	Engi-:Construc-:tion	Total Flood :Prevention :	Engi-:Construc-:tion	Water :Land :Other:					
Floodwater Retarding Structure Nos. 2/ 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 12A, 12C, 12E-1, 12F, 15, 16, 17, 17B-1, 19, 20, 21, 22, 23, 24, 25, 25A, 25B, 26A, 27, 28, 31, 32, 33, 34A, 35, 36, and 37 and Multiple-Purpose Structure 38A	3,015,440	201,760	3,217,200	28,390	3,670	500	369,410	401,970	3,619,170
Recreation - Basic Facilities	70,230	5,000 ^{3/}	75,230	70,230	5,000 ^{3/}	-	-	75,230	150,460
Subtotal Structural Measures	3,085,670	206,760	3,292,430	98,620	8,670	500	369,410	477,200	3,769,630
Project Administration	---	---	568,150	---	---	---	---	21,550	589,700
GRAND TOTAL	3,085,670	206,760	3,860,580	98,620	8,670	500	369,410	498,750	4,359,330

1/ Price base: 1978 for Recreation basic facilities. Actual construction cost for all other structural measures.
 2/ All floodwater retarding structures and MP structure No. 38 constructed
 3/ For A&E Services

REVISED TABLE 2A - COST ALLOCATION AND COST SHARING SUMMARY
 Jim Ned Creek Watershed, Texas
 (Middle Colorado River Watershed)
 (Dollars) 1/

Item	COST ALLOCATION :		COST SHARING		OTHER	
	PURPOSE :		FLOOD PREVENTION :		: Recreation :	
	Recreation :	Total :	Flood Prevention :	Total :	Flood :	Recreation :
Floodwater Retarding Structures	---	3,486,360	3,128,000	---	358,360	---
Multiple-Purpose Structure 38A	95,750	37,060	89,200	---	6,650	37,060
Recreation-Basic Facilities	---	150,460	---	75,230	---	75,230
GRAND TOTAL	3,582,110	3,769,630	3,217,200	75,230	364,910	112,290

1/ Price Base: 1978 for Recreation basic facilities. Actual construction cost for all Floodwater Retarding Structures and Multiple-purpose structures.

RECREATIONAL FACILITIES
 TABLE 2B - ESTIMATED CONSTRUCTION COSTS
 Jim Ned Creek Watershed, Texas
 (Middle Colorado River Watershed)
 (Dollars) ^{1/}

<u>Item Description</u>	<u>Amount or Number</u>	<u>Estimated Unit Cost</u>	<u>Tot Constru Co</u>
ROADS			
No. 1 - Access Road, Asphalt, 12 ft. wide 3 single car parking spaces-10'x20'	900 ft. 3 spaces	\$ 7.00 70.00	\$ 6,0 2
No. 2 - Access Road, asphalt, 20' width CMP culverts	1800 ft. 5	13.00 300.00	23,2 1,5
No. 3 - Access Road- Caliche surface 20' width CMP culverts	3400 ft. 6	3.47 1,720.00	11,8 1,7
PARKING			
No. 1 - Asphalt with curb	44 spaces	115.00	5,0
No. 2 - Asphalt with curb	10 spaces	115.00	1,1
No. 3 - Caliche surface with curb	10 spaces	70.00	7
RESTROOM - Masonry with R/C Floor and holding tank (10'x24')	1	10,800.00	10,8
GROUP SHELTER (30'x40') with Picnic tables	1 10	12,000.00 100.00	12,0 1,0
Garbage cans with rack	4	50.00	2
Barbeque unit	1	500.00	5
PICNIC UNITS with Shelter Tops grill and trash can	12	1,480.00	17,7
FISHING PIERS wooden			
West side (7x140 ft)	1	14,700.00	14,7
East side (7x90 ft)	1	9,450.00	9,4
LIGHTING			
Underground cable	2,000 ft.	2.50	5,0
Light on Pole	3	300.00	9
WALKS			
Concrete	273 s.y.	15.00	4,1
Gravel	0.3 mile	16,000.00	4,8

TABLE 2 - Continued

<u>Item Description</u>	<u>Amount^{2/} or Number</u>	<u>Estimated Unit Cost</u>	<u>To Const (</u>
PLAYING FIELD with back stop Grading and vegetation	1	2,000.00	2
SWIMMING BEACH			
Concrete curbing	300 ft.	3.00	
Sand Fill (80x100')	150 cy	4.00	
Safety Bouys and rope	1	500.00	
Diversion to protect beach	300 ft.	1.00	
VEGETATION - LANDSCAPING			
Establish Grass on roadsides and disturbed areas	5 ac	300.00	1
Plant Trees near fishing piers	15	25.00	
<u>SIGNS - Entrance and informational</u>	<u>6</u>	<u>-</u>	<u>1</u>
GRAND TOTAL			\$ 140

1/ Price Base: 1978

2/ Estimated quantity subject to minor variation at time of detailed planning except, restrooms, group shelters and fishing piers.

January 1978

REVISED TABLE 4 - ANNUAL COST
Jim Ned Creek Watershed, Texas
(Middle Colorado River Watershed)
(Dollars) 1/

Evaluation Unit	: Amortization of : Installation Cost 2/	: Operation and : Maintenance Cost	: Total
Floodwater Retarding structures 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 12A, 12C, 12E-1, 2F, 15, 16, 17, 17B-1, 19, 20, 21, 22, 23, 24, 25 5A, 25B, 26A, 27, 28, 31, 32, 33, 34A, 35, 36, 37, Multi-Purpose structure 38-A, and recreation-Basic facilities	129,890	11,370	143,820
Project Administration	21,000	---	21,000
GRAND TOTAL	150,890	13,930	164,820

- / Price Base: Installation - 1978 prices for basic recreational facilities. Actual construction costs for all other structural measures. O&M - current prices.
- / 50 Year at 2.50 percent for all structures except for Floodwater Retarding Structure No. 37, Multiple-Purpose Structure No. 38-A, and basic facilities which are 50 years at 3.25 percent.
- / Includes 6,860 for operation, maintenance and replacement of basic recreational facilities.

Supplement No. IV
January 1978

REVISED TABLE 6 - COMPARISON OF BENEFITS AND COSTS FOR STRUCTURAL MEASURES
 Jim Ned Creek Watershed, Texas
 (Middle Colorado River Watershed)
 (Dollars)

Evaluation Unit	AVERAGE - ANNUAL BENEFITS 1/											
	Damage Reduction 2/	Changed: Land Use 3/	Intensive Land Use 4/	Other: Recreational 5/	More Intensive Land Use 6/	Average Annual Cost	Annual Cost	Secondary Cost	Total Cost	Benefit to Cost Ratio		
Floodwater Retarding Structures												
2, 3, 5, 6, 7, 8, 9,												
10, 11, 12, 12A, 12C,												
12E-1, 12F, 15, 16,												
17, 17B-1, 19, 20,												
21, 22, 23, 24, 25,												
25A, 25B, 26A, 27,												
28, 31, 32, 33, 34A,												
35, 36, 37, Multi-												
Purpose Structures 38-A,												
and Recreation-Basic												
Facilities	245,479	2,028	6,294	43,260	19,350	30,177	346,588	143,820	2.4:1			
Project Administration	0	0	0	0	0	0	0	21,000	0			
GRAND TOTAL	245,479	2,028	6,294	43,260	19,350	30,177	346,588	164,820	2.1:1			

1/ Price Base: Current recreation values, Water Resources Council, for recreation development. Adjusted normalized prices for agricultural and current prices for non-agricultural.
 2/ In addition, it is estimated that land treatment measures will provide flood damage reduction benefits of \$65,687 annually, plus \$41,963 attributable to Lake Coleman.
 3/ In addition, changed land use benefits prorated to Lake Coleman are \$737 annually.
 4/ In addition, more intensive land use benefits of \$2,529 annually are credited to Lake Coleman.
 5/ Benefits outside of Watershed (Below Lake Brownwood) in Brownwood Laterals Watershed. In addition, \$22,600 benefits annually are attributable to Lake Coleman.
 6/ From Table 7

