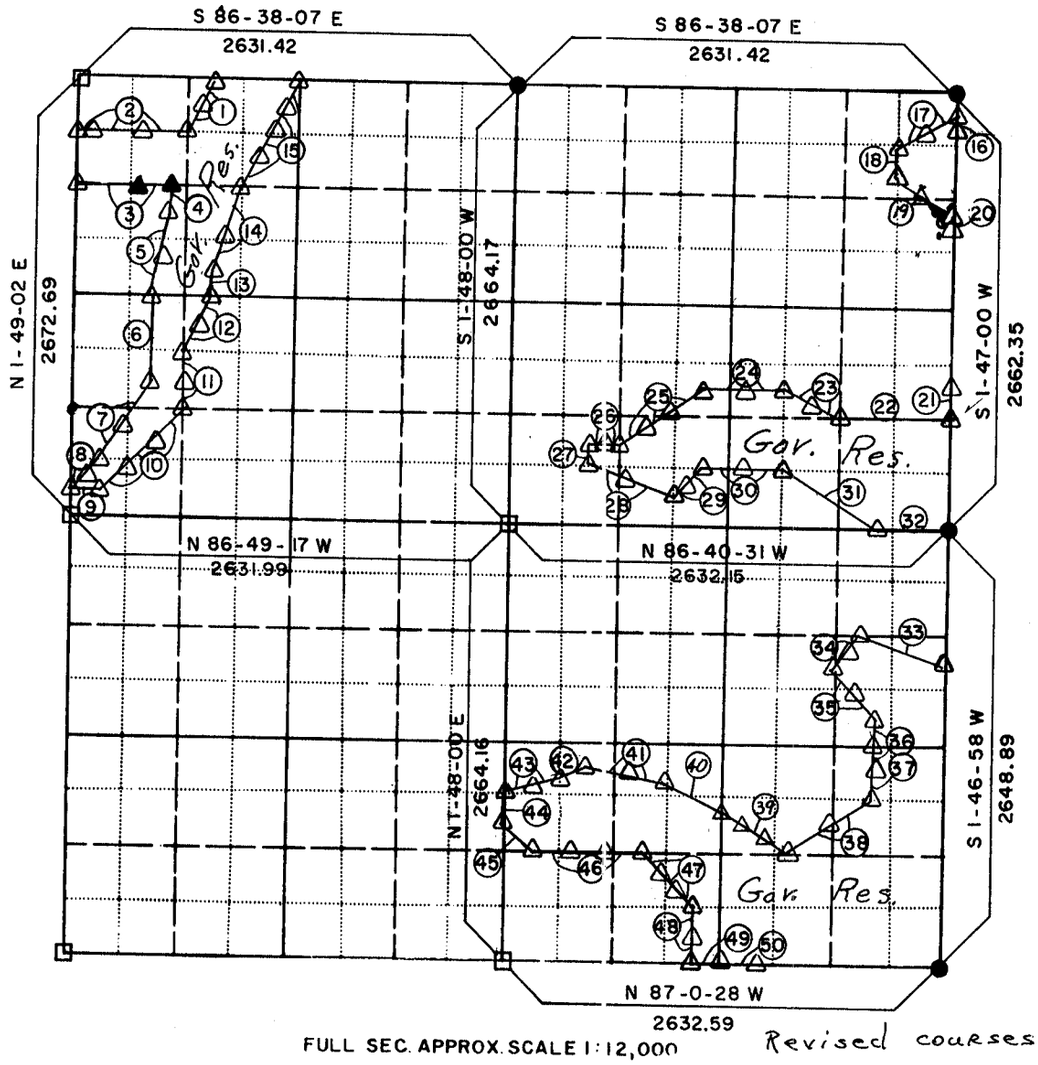
PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

CONTRACT NO. DACW03-67-C-0101

SEC. 12, T 20-N, R 28-W COUNTY BENTON



FULL SEC. APPROX. SCALE 1:12,000

Revised courses 19 & 20
MAY 1985

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE / GRID BEARING	ELEVATION / DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		216-8A		1184.82			
			S2-25-49W	211.11			
		217-1		1194.54	766,645.96	1,436,319.95	
	1		S28-03-29W S28-20-19W	209.05			Field Survey Computer
		217-1A		1200.96			
	1		S28-03-29W S28-20-19W	160.14 159.07			Field Survey Computer
		217-2		1193.06	766,321.96	1,436,145.21	Field to previously set point
	2		N86-39-08W	450.79			

Angles B67-30
Field Book No. Dist. B67-31 Levels B67-37,40 Date: '67

CERTIFICATE OF SURVEY

I HEREBY CERTIFY THAT THE ABOVE PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE IN SECTION 12, T 20-N, R 28-W.

BENTON COUNTY, ARKANSAS

Lemuel H Tull

LEMUEL H. TULL P.E. REG. NO. 1786

CRAFTON AND TULL CONSULTING ENGINEERS, INC.
UNDER THE SUPERVISION OF
U.S. ARMY ENGINEER DISTRICT, LITTLE ROCK
CORPS OF ENGINEERS

GN MN 1°11'35" 7°30' JAN-67

LEGEND

- ▲ - MONUMENT TYPE 1
- △ - MONUMENT TYPE 3
- ● - FOUND I. P.
- ○ - SET I. P.
- ■ - FOUND STONE
- □ - COMPUTED CORNER
- ✱ - OTHER

SHEET 1 of 7

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

CONTRACT NO. DACW03-67-C-0101

SEC. 12, T 20-N, R 28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		217-2A		1243.56			
	2		N86-39-08W	136.79			
		217-2B		1254.36			
	2		N86-39-08W	122.28			
		217-2C		1245.14			
	2		N86-39-08W	198.92			
		217-3		1202.31	766,375.03	1,435,237.98	
		217-4		1166.82			
			S53-27-35W	305.16			
		217-5		1168.85	766,026.38	1,435,477.86	
	3		S86-40-54E	208.14			
		217-5A		1174.67			
	3		S86-40-54E	367.52			
		217-6		1130.98	765,993.06	1,436,052.55	
	4		S1-48-47W	166.92			
		217-7		1161.93	765,826.22	1,436,047.27	
	5		S11-10-32W	138.14			
		217-7A		1178.42			
	5		S11-10-32W	205.96			
		217-7B		1183.57			
	5		S11-10-32W	161.32			
		218-1-1		1180.21	765,330.38	1,435,949.31	
	6		S1-48-49W	500.82			
		218-1-2		1171.62	764,829.81	1,435,933.46	
	7		S35-31-46W	246.80			
		218-1-2A		1192.31			
	7		S35-31-46W	345.73			
		218-1-3		1187.42	764,347.60	1,435,589.13	
	8		S47-03-29W	85.79			
		218-1-3A		1196.71			
	8		S47-03-29W	145.80			
		218-1-4		1194.36	764,189.83	1,435,419.60	

PARTIAL BOUNDARY SURVEYS
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WHITE RIVER, ARKANSAS

CONTRACT NO. DACW03-67-C-0101

SEC. 12, T 20-N, R 28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE / GRID BEARING	ELEVATION / DISTANCE	POSITION / NORTH	POSITION / EAST	REMARKS
	9		S86-48-40E	164.50			
		218-1-5		1141.79	764,180.68	1,435,583.84	
	10		N47-04-29E	257.22			
		218-1-5A		1150.39			
	10		N47-04-29E	287.57			
		218-1-5B		1153.25			
	10		N47-04-29E	149.75			
		218-1-6		1145.94	764,653.69	1,436,092.41	
	11		N1-48-46E	30.58			
		218-1-6A		1150.32			
	11		N1-48-46E	303.24			
		218-1-7		1117.84	764,987.34	1,436,102.97	
	12		N28-19-23E	157.56			
		218-1-7A		1141.25			
	12		N28-19-23E	210.81			
		217-9		1159.20	765,311.61	1,436,277.74	
	13		N1-48-47E	166.87			
		217-10		1146.48	765,478.40	1,436,283.02	
	14		N20-08-23E	195.44			
		217-10A		1148.19			
	14		N20-08-23E	327.40			
		217-11		1142.03	765,969.27	1,436,463.04	
	15		N28-36-23E N28-20-49E	233.04			Field survey by Computer
		217-11A		1154.08			
	15		N28-36-23E N28-20-49E	200.03			Field survey by computer
		217-11B		1152.23			
	15		N28-36-23E N28-20-49E	159.37			Field survey by Computer
		217-11C		1151.08			
	15		N28-36-23E N28-20-49E	144.85 143.54			Field survey by Computer
		215-5		1139.10	766,617.00	1,436,812.49	
		223-1-3		1154.20			
			N87-47-07W	280.00			In Sec. 7 T-20-N, R-27-W

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PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 12, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		223-1-4 214-2-1		1165.36	766,181.63	1,440,746.47	
	16		N1·46·38E	37.41			
		214-2-2		1178.22	766,219.02	1,440,747.63	
	17		S 66·21·38 W S 66·12·38 W	183.37			FIELD SURVEY BY COMPUTER
		214-2-2A		1185.52			
	17		S 66·21·38 W S 66·12·38 W	181.72 181.15			FIELD SURVEY BY COMPUTER
		214-2-3		1171.76	766,071.98	1,440,414.08	YIELD TO PREVIOUS SET POINT
	18		S-1-47-01 W	166.50			
		214-2-4		1148.62	765,905.65	1,440,408.90	
	19		S-50-19-13 E	164.16			
		214-2-4A		1144.23	765,800.83	1,440,535.24	
	19		S·50·19·13 E	256.27			
		214-2-5		1144.27	765,639.47	1,440,729.60	
	20		S·01·47·30W	11.85			
		214-2-6 = 223-1-1		1147.06	765,627.63	1,440,729.23	YIELD TO U.S.C.E. BRASS CAP 223-1-1
		223-1-10			764,423.94	1,440,691.14	YIELD TO U.S.C.E. BRASS CAP 223-1-6
	21		S 3·51·52 W S 1·46·56 W	33.28 34.42			FIELD SURVEY BY COMPUTER
		219-1		1132.49	764,389.54	1,440,690.67	
	22		N86·39·53W	657.98			
		219-2		1149.28	764,427.82	1,440,033.80	
	23		N60·09·06W	182.14			
		219-2A		1170.81			
	23		N60·09·06W	190.55			
		219-3		1174.16	764,613.31	1,439,710.55	
	24		N86·39·44W	308.99			
		219-3A		1176.02			
	24		N86·39·44W	184.49			
		219-4		1169.90	764,642.04	1,439,217.91	
	25		S58·51·04W	201.02			
		219-4A		1177.28			
	25		S58·51·04W	189.57			
		219-4B		1186.42			
	25		S58·51·04W	197.25			
		219-5		1166.74	764,337.97	1,438,714.82	

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 12, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
	26		N86·40·05W	82.50			
		219-5A		1158.00			
	26		N86·40·05W	82.00			
		219-6		1138.61	764,347.53	1,438,550.60	
	27		S1·47·47W	81.08			
		219-6A		1155.67			
	27		S1·47·47W	85.41			
		219-7		1148.03	764,181.12	1,438,545.38	
	28		S68·11·32E	363.02			
		219-7A		1150.90			
	28		S68·11·32E	162.02			
		219-8		1166.99	763,986.07	1,439,032.85	
	29		N47·12·42E	98.13			
		219-8A		1169.49			
	29		N47·12·42E	132.74			
		219-9		1155.28	764,142.90	1,439,202.28	
	30		S86·40·15E	235.87			
		219-9A		1156.52			
	30		S86·40·15E	257.64			
		219-10		1134.62	764,114.24	1,439,694.96	
	31		S53·09·34E	602.64			
		219-11		1161.29	763,752.90	1,440,177.26	
	32		S86·40·32E	493.53			
		219-12 223-1-12		1154.38	763,724.28	1,440,669.96	
		223-2-2A		1156.46			In Sec. 7
			N88·06·02W	122.85			
		220-1		1152.21	762,908.80	1,440,640.45	YIELD TO PREVIOUS SURVEY
	33		N68·10·02W	271.80			
		220-1A		1151.03			
	33		N68·10·02W	244.90			
		220-2		1174.10	763,100.96	1,440,160.81	YIELD TO PREVIOUS SURVEY
	34		S46·48·58W S46·06·05W	157.29			FIELD SURVEY OFFICE CALCULATION

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PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 12, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		220-2A		1166.33			
	34		S 46·48·58 W S 46·06·05 W	83.61 83.67			FIELD SURVEY OFFICE CALC.
		220-3		1154.61	762,933.88	1,439,987.18	PREVIOUS SET POINT
	35		S34·22·19E	231.00			
		220-3A		1162.31			
	35		S34·22·19E	187.13			
		220-4		1149.98	762,588.76	1,440,223.24	
	36		S1·47·16W	165.70			Sec. 7 T-20-N, R-27-W
		221-1		1167.38	762,423.14	1,440,218.07	
	37		S1·47·04W	141.69			
		221-1A		1168.27			
	37		S1·47·04W	189.72			
		221-2		1148.56	762,091.89	1,440,207.75	
	38		S 58·45·44 W S 58·47·54 W	367.56			FIELD SURVEY BY COMPUTER
		221-2A		1181.11			
	38		S 58·45·44 W S 58·47·54 W	220.36 220.74			FIELD SURVEY BY COMPUTER
		221-3		1168.39	761,787.12	1,439,704.55	YIELD TO PREVIOUS SET POINT
	39		N56·04·43W	212.02			
		221-3A		1204.47			
	39		N56·04·43W	137.92			
		221-3B		1213.63			
	39		N56·04·43W	135.66			
		218-2-1		1208.25	762,058.11	1,439,301.60	
	40		N60·22·19 W	372.01			
		218-2-2		1176.54	762,242.02	1,438,978.23	
	41		N 77·20·51W	167.52			
		218-2-2A		1184.99			
	41		N 77·20·51W	334.91			
		218-2-3		1174.24	762,352.07	1,438,488.00	
	42		S66·02·39W	182.62			
		218-2-4		1146.93	762,277.92	1,438,321.11	
	43		S78·51·09W	197.46			
		218-2-4A		1174.78			
	43		S78·51·09W	140.09			

PARTIAL BOUNDARY SURVEYS
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SEC. 12, T - 20 - N, R - 28 - W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		218-2-5		1179.51	762,212.66	1,437,989.93	
	44		S 1-48-00W	166.51			
		218-2-6		1134.77	762,046.23	1,437,984.70	
	45		S42-13-39E	236.68			
		218-2-7		1158.29	761,870.97	1,438,143.77	
	46		S86-55-31E	103.10			
		218-2-7A		1174.48			
	46		S86-55-31E	223.06			
		218-2-7B		1174.76			
	46		S86-55-31E	331.95			
		218-2-8		1131.55	761,835.67	1,438,800.93	
	47		S42-18-06E	127.91			
		218-2-8A		1147.26			
	47		S42-18-06E	211.60			
		218-2-8B		1147.87			
	47		S42-18-06E	133.28			
		218-2-9		1138.39	761,485.99	1,439,119.13	
	48		S 1-47-33W	232.88			
		218-2-9A		1138.37			
	48		S 1-47-33W	99.28			
		218-2-10		1163.78	761,153.97	1,439,108.74	
	49		S87-00-27E	164.53			
		221-5		1159.16	761,145.38	1,439,273.05	
	50		S87-00-27E	246.80			
		222-1		1136.08	761,132.50	1,439,519.52	
		223-2-3			762,887.75	1,440,904.00	SECTION BREAKDOWN
			N87-22-12W	259.99			
		223-2-4			762,899.68	1,440,644.28	SECTION BREAKDOWN
			S 1-24-32W	2.78			NOT USED
		220-1			762,896.90	1,440,644.21	SECTION BREAKDOWN
	33		N68-21-59W	524.56			
		220-2			763,090.29	1,440,156.60	SECTION BREAKDOWN
	34		S47-17-11W				
		220-3			762,953.88	1,439,987.18	SECTION BREAKDOWN

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