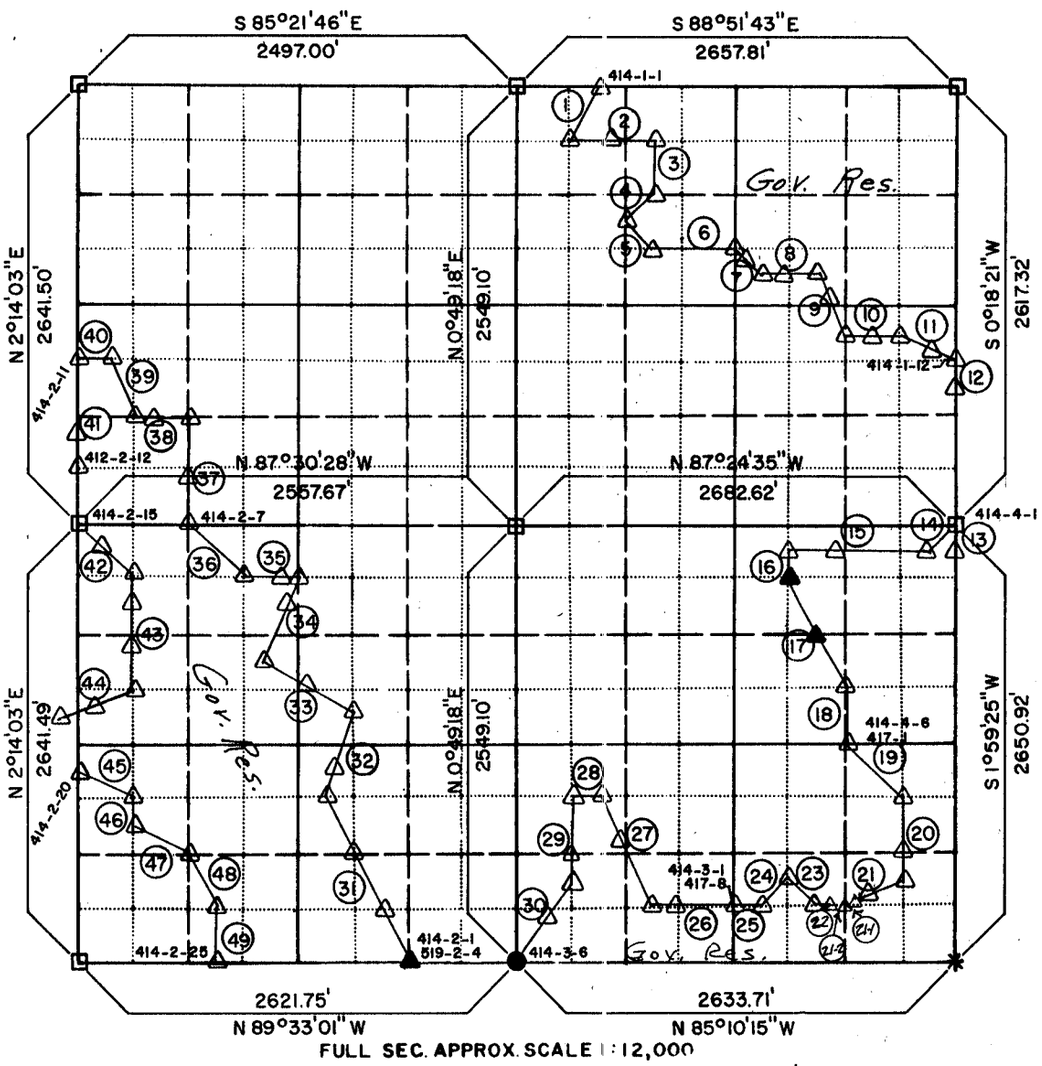
PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

CONTRACT NO. DACW03-67-C-0101

SEC. 24, T 20-N, R 28-W COUNTY BENTON



FULL SEC. APPROX. SCALE 1:12,000

Revised Book 85 B-3

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE / GRID BEARING	ELEVATION / DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		400-11					
			S 0·40·11 E S 0·38·30 E	296.98 296.82			FIELD SURVEY OFFICE CALCULATIONS
		400-12 414-1-1		1146.16	755,876.97	1,438,183.43	YIELD TO PREVIOUS SURVEY
*	1		S28·20·59E	368.66			
		414-1-2		1180.66	755,549.51	1,438,014.06	YIELD TO PREVIOUS SURVEY
*	2		S87·50·49E	272.05			
		414-1-2A		1144.89			
*	2		S87·50·49E	225.03			

ANGLES - B67-34
DIST. - B67-35
LEVELS - B67-40
B67-37

Field Book No. _____ Date: -67

CERTIFICATE OF SURVEY

I HEREBY CERTIFY THAT THE ABOVE PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE IN SECTION 24, 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 8

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 24, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		414-1-3		1142.81	755,530.84	1,438,510.79	YIELD TO PREVIOUS SURVEY
*	3		S2·09·28W	329.14			
		414-1-4		1145.10	755,201.93	1,438,498.39	YIELD TO PREVIOUS SURVEY
*	4		S44·16·00W	231.54			
		414-1-5		1182.99	755,036.13	1,438,336.78	YIELD TO PREVIOUS SURVEY
*	5		S45·32·40E	232.99			
		414-1-6		1152.16	754,872.95	1,438,503.08	YIELD TO PREVIOUS SURVEY
*	6		S88·48·55E	498.21			
		414-1-7		1154.02	754,862.65	1,439,001.19	YIELD TO PREVIOUS SURVEY
*	7		S45·40·33E	145.71			
		414-1-7A		1155.97			
*	7		S45·40·33E	87.91			
		414-1-8		1151.51	754,699.42	1,439,168.32	YIELD TO PREVIOUS SURVEY
*	8		S88·51·03E	121.60			
		414-1-8A		1149.53			
*	8		S88·51·03E	210.28			
		414-1-9		1125.77	754,692.76	1,439,500.13	YIELD TO PREVIOUS SURVEY
*	9		S26·22·16E	153.59			
		414-1-9A		1139.18			
*	9		S26·22·16E	217.09			
		414-1-10		1139.83	754,360.65	1,439,664.78	YIELD TO PREVIOUS SURVEY
*	10		S88·50·51E	132.22			
		414-1-10A		1145.13			
*	10		S88·50·51E	199.82			
		414-1-11		1132.21	754,353.98	1,439,996.76	YIELD TO PREVIOUS SURVEY
*	11		S63·38·49E	233.66			
		414-1-11A		1133.67			
*	11		S63·38·49E	136.67			
		414-1-12 413-1		1121.24	754,189.59	1,440,328.60	YIELD TO PREVIOUS SURVEY
*	12		S10·38·18W	94.36			
		413-2		1135.29	754,096.85	1,440,311.18	YIELD TO PREVIOUS SURVEY

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 24, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE / GRID BEARING	ELEVATION / DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		413-4					
			S27·15·48W	363.69			
		414-4-1		1136.44	753,102.43	1,440,305.77	
	13		N1·59·05E	82.00			
		414-4-2		1143.82	753,184.38	1,440,308.61	
	14		S47·40·12W	234.05			
		414-4-3		1144.80	753,026.77	1,440,135.58	
	15		N87·16·22W	579.89			
		414-4-3A		1157.56			
	15		N87·16·22W	257.44			
		414-4-4		1150.05	753,066.61	1,439,299.20	
	16		S1·33·41W	163.28			
		414-4-5		1138.80	752,903.39	1,439,294.75	
	17		S25·03·33E	340.68			
		414-4-5A		1143.19			
	17		S25·03·33E	402.01			
		414-4-6		1135.83	752,230.61	1,439,609.32	
	18		S1-42-21W	328.17			
		414-4-7 417-1		1139.63	751,902.59	1,439,599.55	
	19		S42·25·47E	475.58			
		417-2		1136.89	751,551.56	1,439,920.42	
	20		S1·50·56W	348.71			
		417-2A		1152.31			
	20		S1·50·56W	145.94			

SHEET 3 of 8

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 24, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE / GRID BEARING	ELEVATION / DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
		417-3		1141.49	751,057.17	1,439,904.46	
	21		S 67·51·36 W S 67·28·08 W	215.84			FIELD SURVEY SECTION BREAKDOWN
		417-3A		1154.58			
	~~21~~		~~S 67·51·36 W~~ ~~S 67·28·08 W~~	~~146.44~~ ~~146.02~~	Revised See	Sheet #8	~~FIELD SURVEY~~ SECTION BREAKDOWN
BK. 85 B-3		417-4		~~1146.78~~	~~750,918.51~~	1,439,570.22	YIELD TO PREVIOUSLY SET POINT
Pg. 13-16	~~22~~		N85·27·21 W	164.97			
		417-5		1143.28	750,931.58	1,439,405.77	
	23		N42·13·37 W	238.09			
		417-6		1155.03	751,107.88	1,439,245.76	
	24		S48·21·49 W	225.99			
		417-7		1147.51	750,957.73	1,439,076.86	
	25		N85·27·23 W	164.98			
		417-8 414-3-1		1158.28	750,970.80	1,438,912.40	
	26		N85·27·23 W	375.70			
		414-3-1A		1159.51			
	26		N85·27·23 W	119.23			
		414-3-2		1152.14	751,010.02	1,438,419.03	
	27		N25·23·48 W	509.48			
		414-3-2A		1145.57			
	27		N25·23·48 W	230.05			
		414-3-3		1144.77	751,687.08	1,438,101.86	
	28		N86·01·16 W	165.73			
		414-3-4		1179.18	751,689.58	1,437,936.53	
	29		S0·58·19 W	306.74			
		414-3-4A		1163.65			
	29		S0·58·19 W	173.59			
		414-3-5		1148.21	751,209.32	1,437,928.38	
	30		S 36·45·09 W S 36·36·32 W	237.61			FIELD SURVEY SECTION BREAKDOWN
		414-3-5A		1153.75			
	30		S 36·45·09 W S 36·36·32 W	326.16 325.97			FIELD SURVEY SECTION BREAKDOWN
		414-3-6 519-2-1		1150.14	750,756.77	1,437,592.18	YIELD TO PREVIOUSLY SET POINT
		519-2-3					

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 24, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
			N43-04-59W	462.70			
		519-2-4 414-2-1		1154.29	750,761.91	1,436,936.76	
	31		N25-36-06W	400.02			
		414-2-1A		1174.07			
	31		N25-36-06W	313.76			
		414-2-1B		1175.43			
	31		N25-36-06W	366.87			
		414-2-2		1144.38	751,736.46	1,436,469.80	
	32		N19-52-24E	133.98			
		414-2-2A		1149.01			
	32		N19-52-24E	377.34			
		414-2-3		1142.15	752,217.33	1,436,643.62	
	33		N54-33-04W	340.81			
		414-2-3A		1141.63			
	33		N54-33-04W	242.66			
		414-2-4		1132.24	752,555.73	1,436,168.30	
	34		N19-53-19E	382.31			
		414-2-4A		1122.47			
	34		N19-53-19E	129.43			
		414-2-5		1141.32	753,036.95	1,436,342.39	
	35		N87-46-04W	171.23			
		414-2-5A		1161.95			
	35		N87-46-04W	149.46			
		414-2-6		1150.34	753,049.44	1,436,021.94	
	36		N42-21-35W	459.57			
		414-2-7		1141.15	753,389.03	1,435,712.29	
	37		N1-53-28E	331.91			
		414-2-7A		1153.93			
	37		N1-53-28E	322.65			
		414-2-8		1131.43	754,043.23	1,435,733.89	
	38		N86-58-56W	212.73			
		414-2-8A		1153.32			
	38		N86-58-56W	105.05			
		414-2-9		1150.34	754,059.96	1,435,416.55	
	39		N23-25-52W	367.94			
		414-2-10		1169.34	754,397.56	1,435,270.24	

SHEET 5 of 8

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 24, T - 20-N, R - 28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
	40		N86·42·50W	158.41			
		414-2-11		1120.87	754,406.64	1,435,112.09	
	41		S2·14·02W	492.06			
		414-2-11A		1144.71			
	41		S 2·14·02W	168.31			
		414-2-12		1138.63	753,746.77	1,435,086.35	
		414-2-14					
			S 62·26·45 E S 62·22·10 E	371.77 373.22			FIELD SURVEY SECTION BREAKDOWN
		414-2-15		1138.59	753,416.83	1,435,073.48	YIELD TO PREVIOUSLY SET POINT
	42		S41·55·52E	143.80			
		414-2-15A		1152.72			
	42		S41·55·52E	316.47			
		414-2-16		1148.34	753,074.41	1,435,381.05	
	43		S2·03·44W	142.37			
		414-2-16A		1165.38			
	43		S2·03·44W	205.27			
		414-2-16B		1174.02			
	43		S2·03·44W	309.83			
		414-2-17		1146.35	752,417.37	1,435,357.39	
	44		S57·53·31W	172.28			
		414-2-17A		1160.32			
	44		S57·53·31 W	297.27			
		414-2-17B		1150.68			PT. IN SECTION 23
	44		S57·53·31 W	125.39			
		414-2-18		1151.40	752,101.15	1,434,853.45	PT. IN SECTION 23
		414-2-19					
			S88·37·13 E	168.60			
		414-2-20		1143.21	751,932.12	1,435,015.56	
	45		S61·38·00E	361.58			
		414-2-21		1133.65	751,760.33	1,435,337.72	

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 24, T -20-N, R -28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
	46		S 2·03·51W	164.37			
		414-2-22		1145.21	751,596.07	1,435,327.80	
	47		S62·02·50E	361.95			
		414-2-23		1122.66	751,426.41	1,435,647.52	
	48		S24·52·05E	362.73			
		414-2-24		1125.30	751,097.31	1,435,800.06	
	49		S1·48·15W	326.55			
		414-2-25 519-2-5		1135.04	750,770.92	1,435,789.78	
		400-11A					
			S 2·52·39W	162.23			
		400-12 414-1-1			755,344.55	1,438,163.53	SECTION BREAKDOWN
*	1		S28·17·35W	359.29			
		414-1-2			755,528.18	1,437,993.23	SECTION BREAKDOWN
*	2		S88·04·45E	498.90			
		414-1-3			755,516.68	1,438,442.00	SECTION BREAKDOWN
*	3		S0·39·22W	321.30			
		414-1-4			755,195.40	1,438,488.32	SECTION BREAKDOWN
*	4		S47·10·56W	229.54			
		414-1-5			755,039.39	1,438,319.95	SECTION BREAKDOWN
*	5		S44·53·52E	233.31			
		414-1-6			754,874.12	1,438,484.63	SECTION BREAKDOWN
*	6		S88·18·51E	500.05			
		414-1-7			754,859.41	1,438,984.46	SECTION BREAKDOWN
*	7		S44·44·33E	234.57			
		414-1-8			754,692.80	1,439,149.58	SECTION BREAKDOWN
*	8		S88·13·25E	333.56			
		414-1-9			754,682.46	1,439,482.98	SECTION BREAKDOWN
*	9		S26·26·46E	368.78			
		414-1-10			754,352.27	1,439,647.22	SECTION BREAKDOWN
*	10		S88·02·28E	333.94			
		414-1-11			754,340.85	1,439,980.97	SECTION BREAKDOWN

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

SEC. 24, T-20-N, R-28-W COUNTY BENTON

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE GRID BEARING	ELEVATION DISTANCE	POSITION NORTH	POSITION EAST	REMARKS
*	11		S62·16·11E	376.07			
		414-1-12 413-1			754,165.86	1,440,313.85	SECTION BREAKDOWN
*	12		S 2·12·56W	69.06			
		413-2			754,096.85	1,440,311.18	SECTION BREAKDOWN
		Revision sheet # 4 of # 8 Book 85 B-3					Pg. # 13 & 16
		417-3A		1154.58	750,975.85	1,439,704.53	
	21		S·67·51·36 W	118.44			
		417-4		1149.27			Set 1985 Type III
	21-1		S 57·27·42 W	30.77			
		417-4-1		1145.91			Set 1985 Type III
	21-2		N 74·20·55 W	31.06			
		417-4-2		1146.97			Set 1985 Type III
	22		N 85·27·21 W	134.97			
		417-5		1143.28	750,931.58	1,439,405.77	

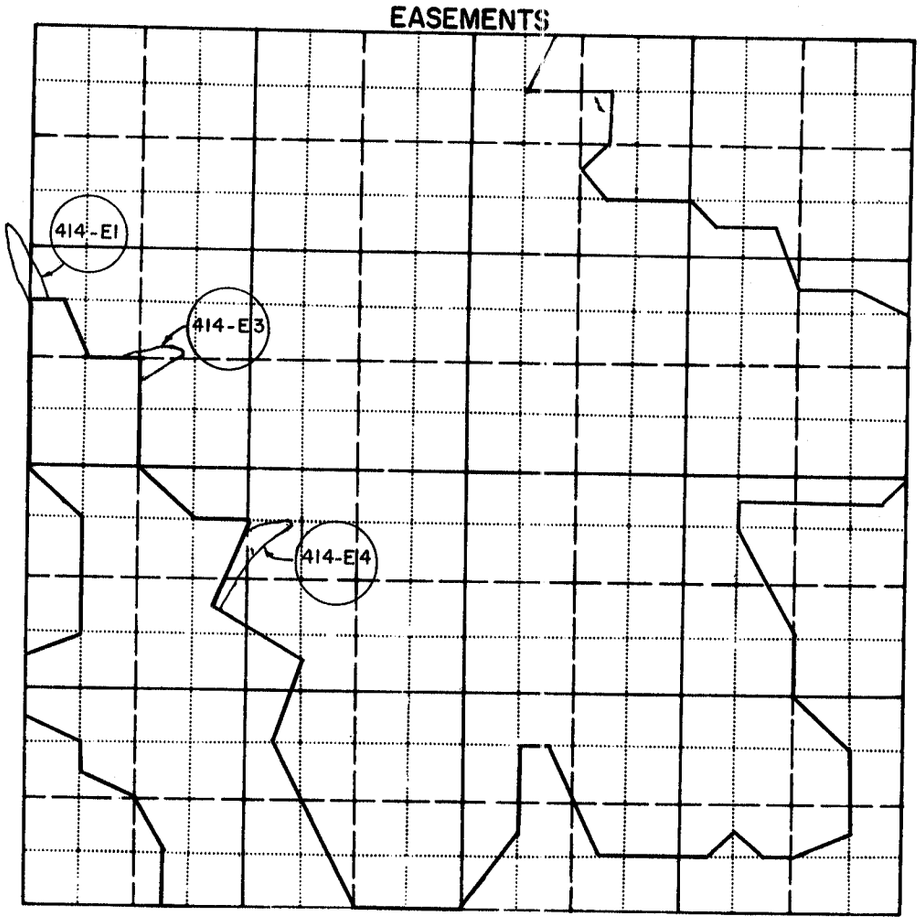
SHEET 8 of 8

PARTIAL BOUNDARY SURVEYS
BEAVER RESERVOIR
WHITE RIVER, ARKANSAS

CONTRACT NO. DACW03-67-C-0101

SEC. 24, T 20-N, R 28-W COUNTY BENTON

EASEMENTS



FULL SEC. APPROX. SCALE 1:12,000

TRACT NO.	COURSE NO.	MONUMENT NO.	ANGLE	ELEVATION	POSITION		REMARKS
			GRID BEARING	DISTANCE	NORTH	EAST	

Field Book No. _____ Date: _____

CERTIFICATE OF SURVEY

I HEREBY CERTIFY THAT THE ABOVE PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE IN SECTION 24, 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

SHEET 1 of ____

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