

**CASE**

**NUMBER:**

99-431

KY. PUBLIC SERVICE COMMISSION

Index for Case: 1999-00431

AS OF : 03/06/07

South Anderson Water District

Complaints - Service

OF RUBEN BARNETT

IN THE MATTER OF RUBEN BARNETT VS. SOUTH ANDERSON WATER DISTRICT

SEQ NBR	Date	Remarks
1	10/20/99	Formal complaint from Ruben Barnett vs. South Anderson Water District.
2	10/29/99	Acknowledgement letter.
3	11/09/99	Order to Satisfy or Answer; info due 11/19
4	(M) 11/19/99	ANSWER TO DEFENDANT TO FORMAL COMPLAINT (SOUTH ANDERSON WD RAY EDELMAN)
5	01/07/00	Order entered setting procedural schedule; schedules 3/9 hearing
6	(M) 01/20/00	FIRST SET OF INTERROGATORIES & REQ FOR PRODUCTION OF DOCUMENTS (REGINALD THOMAS RUBIN BARNETT)
7	(M) 01/20/00	FIRST SET OF REQ FOR PRODUCTION OF DOCUMENTS BY THE COMPLAINANT (SOUTH ANDERSON WATER DISTRICT)
8	(M) 01/20/00	DEFENDANTS FIRST SET OF INTERROGATORIES TO COMPLAINANT (SOUTH ANDERSON WATER DISTRICT)
9	(M) 01/31/00	ANSWER OF DEFENDANT TO COMPLAINTS FIRST SET OF INTERROGATORIES (SOUTH ANDERSON WD)
10	(M) 02/01/00	COMPLAINANTS ANSWER TO DEF FIRST SET OF INTERROGATORIES & REQ FOR PRO (RUBEN BARNETT)
11	(M) 02/08/00	PRELIMINARY ENG REPORT (SOUTH ANDERSON WD)
12	(M) 02/11/00	SWORN STATEMENT OF ELVIS THOMPSON, CHRISTINE & JAMES RIGGLE (COMPLAINANT)
13	(M) 02/14/00	TESTIMONY OF KEN TAYLOR & BOB KINCER (SOUTH ANDERSON CO WD)
14	(M) 02/15/00	AFFIDAVIT OF TIMOTHY RUCKER & RAY ELLIOTT (SOUTH ANDERSON)
15	(M) 02/15/00	SWORN STATEMENT OF BARNETT, REDMON, CUNNINGHAM, DEFINO, RUCKOR (SOUTH ANDERSON)
16	(M) 03/23/00	TRANSCRIPT FILED FOR HEARING ON MARCH 9, 00 (VIVIAN LEWIS COURT REPORTER)
17	(M) 04/18/00	BRIEF OF COMPLAINANT (REGINALD L. THOMAS/RUBEN BARNETT)
18	(M) 04/18/00	BRIEF FOR DEFENDANT, SOUTH ANDERSON WATER DISTRICT (RAY EDELMAN/SOUTH ANDERSON WD)
19	(M) 04/28/00	REPLY BRIEF (SOUTH ANDERSON WD)
20	(M) 04/28/00	REPLY BRIEF (RUBEN BARNETT)
21	08/11/00	FINAL ORDER DISMISSING COMPLAINT

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21	08/11/00	FINAL ORDER DISMISSING COMPLAINT

KY. PUBLIC SERVICE COMMISSION

Index for Case: 1999-00434

AS OF : 03/06/07

BellSouth Telecommunications, Inc. dba AT&T Kentucky and AT&T Southeast

Price Regulation Plan

PRICE REGULATION PLAN

IN THE MATTER OF THE REVIEW OF BELLSOUTH TELECOMMUNICATIONS, INC'S PRICE REGULATION PLAN

SEQ NBR	Date	Remarks
1	10/25/99	Order establishing case, response due 12/17/99.
2	(M) 10/25/99	FOCUSED MANAGEMENT & OPERATIONS AUDIT (BELLSOUTH TELECOMMUNICATIONS, INC.)
3	11/01/99	Letter enclosing corrected pages 97-98 of the audit report.
4	(M) 12/17/99	RESPONSE TO ORDER OF OCT 25,99 WITH CONFIDENTIAL (BELLSOUTH CREIGHTON MERSHON)
5	(M) 12/22/99	NOTIFICATION THAT TFP UPDATE IS INCLUDED IN ATTACHMENT 6 REGULATION P (CREIGHTON MERSHON BELLSOUTH)
6	01/10/00	Letter granting request for confidentiality filed 12/17 by BellSouth.
7	03/10/00	Order setting forth procedural schedule to be followed & requesting info.
8	(M) 03/24/00	RESPONSE TO PSC PRICE REGULATION REVIEW (CREIGHTON MERSHON BELLSOUTH)
9	03/31/00	Order scheduling an IC for 4/10/2000 at 1:30 in CR 1.
10	04/05/00	Letter granting petition for conf. filed 3/24 by BellSouth.
11	(M) 04/06/00	REQUEST FOR INFORMATION (AG E BLACKFORD)
12	04/18/00	IC memo sent to parties of record; comments, if any, due 4/26/2000.
13	(M) 04/25/00	POST-CONFERENCE RESPONSE TO QUESTIONS ASKED BY THE COMMISSION (CREIGHTON MERSHON/BELLSOUTH)
14	(M) 04/25/00	RESPONSES TO ATTORNEY GENERAL (CREIGHTON MERSHON/BELLSOUTH)
15	04/27/00	Order suspending proposed tariff filing up to and including 9/30/2000.
16	(M) 05/04/00	SETTLEMENT PROPOSAL OF BELLSOUTH, AT&T, AND SPRINT (CREIGHTON MERSHON/BELLSOUTH)
17	(M) 05/04/00	MOTION FOR EXTENSION OF TIME (CREIGHTON MERSHON)
18	(M) 05/04/00	OMITTED ATTACHMENT FROM FILING ON MAY 4,00 (CREIGHTON MERSHON BELLSOUTH)
19	05/05/00	Order granting ext. of time; all testimony due 5/10;hearing s/be held as ordered
20	(M) 05/08/00	TESTIMONY (WALTER DRABINSKI VANTAGE CONSULTING)
21	(M) 05/10/00	TESTIMONY OF FRED L. GERWING & STEPHEN RAUSCH (CREIGHTON MERSHON BELLSOUTH)
22	(M) 06/21/00	TRANSCRIPT FILED FOR HEARING ON JUNE 6,2000 (VIVIAN LEWIS COURT REPORTER)
23	(M) 06/21/00	RESPONSE TO PSC PRICE REGULATION REVIEW ITEM NO 1-7 (BELLSOUTH CREIGHTON MERSHON)
24	(M) 06/26/00	PAGE 4 OF ATTACHMENT TO RESPONSE 6, IN BELLSOUTH'S JUNE 21 FILING (CREIGHTON MERSHON/BELLSOUTH)
25	08/03/00	Final Order adopting certain elements of the transition regulation plan, etc.
26	(M) 08/28/00	MOTION FOR CLARIFICATION OR RECONSIDERATION (CREIGHTON MERSHON/BELLSOUTH)
27	(M) 09/05/00	CLASSIFICATIONS AND CRITERIA (CREIGHTON MERSHON/BELLSOUTH)
28	(M) 09/05/00	PETITION FOR CONFIDENTIALITY; DISK; TARIFFS & PRICEOUTS (FRED L. GERWING BELLSOUTH)
29	(M) 09/07/00	TARIFF PAGES (CREIGHTON MERSHON/BELLSOUTH)
30	(M) 09/08/00	TARIFF PAGES FOR TARIFF FILED 9/5/00 IN REPOSENSE TO 8/3/00 ORDER (FRED L. GERWING BELLSOUTH)
31	(M) 09/11/00	CONFIDENTIAL TARIFF FILING (CREIGHTON MERSHON/BELLSOUTH)
32	09/18/00	Order granting rehearing; info regarding costs, etc. is due by 10/9/2000.
33	(M) 09/20/00	JOINT MOTION FOR EXTENSION OF TIME (WILLIAM ATKINSON/SPRINT)
34	(M) 10/02/00	TARIFF PAGES (CREIGHTON MERSHON/BELLSOUTH)
35	10/03/00	Order granting Sprint,MCI & AT&T ext.until 11/1/2000 to submit tariff filings.
36	(M) 10/09/00	RESPONSE TO PSC ORDER DATED 9/18/00. PET. FOR CONF. ENCLOSED (CREIGHTON E. MERSHON BELLSOUTH)
37	(M) 10/09/00	INFORMATION FOR FILING MADE ON SEPT 8,00 (CREIGHTON MERSHON BELLSOUTH)
38	10/13/00	Petition for confidentiality granted.
39	(M) 10/31/00	REVISED TARIFF PAGES (CREIGHTON MERSHON/BELLSOUTH)



- 40 (M) 10/31/00 PETITION FOR CONFIDENTIALITY (JIM LAMOUREUX AT&T COMMUNICATIONS)
- 41 (M) 11/14/00 PETITION FOR CONFIDENTIALITY (JOHN HUGHES/SPRINT)
- 42 11/21/00 Petition for confidentiality granted.
- 43 12/07/00 Petition granted for Confidential Protection.
- 44 12/21/00 Petition for confidentiality granted, letter is in confidential file.
- 45 01/25/01 Ltr. to Brent Rice advising that VarTec has met its flow-through requirements.
- 46 02/06/01 Commission Staff's Notice of Informal Conference on 2/21/01 at 9:00.
- 47 (M) 02/06/01 PROPOSAL FOR IMPLEMENTATION OF CERTAIN RATES PERMITTED BY THIS DOCKET (CREIGHTON MERSHON/BELLSOUTH)
- 48 (M) 02/08/01 ATTACHMENTS 2 AND 3 OF PROPOSED PRICE CHANGES (CREIGHTON MERSHON/BELLSOUTH)
- 49 02/09/01 Petition for confidentiality received 1/8/2001 from Rice re: VarTec denied.
- 50 (M) 02/22/01 MOTION FOR PROTECTION OF CONFIDENTIAL & PROPRIETARY INFO (BRENT RICE)
- 51 03/09/01 IC Memorandum mailed to parties of record; comments, if any, due 3/20/2001.
- 52 (M) 03/19/01 CORRECTIONS AND CLARIFICATIONS TO STAFF REPORT (CREIGHTON MERSHON/BELLSOUTH)
- 53 05/29/01 Commission Staff's Notice of Informal Conference scheduled on 6/19/01 at 1:30.
- 54 (M) 06/14/01 RESPONSE TO PSC REQ DATED MAY 29,01 (BELLSOUTH)
- 55 06/27/01 Petition granting confidential protection.
- 56 06/28/01 IC Memorandum mailed to parties of record; comments, if any, due 7/5/01.
- 57 (M) 07/05/01 LETTER REGARDING RATE INCREASES/FAX (CARL GNADINGER/LOU-TELECOM.NET)
- 58 (M) 07/06/01 COMMENTS AND IFO CONCERNING MEETING WITH BELLSOUTH ON JUNE 19,01 (LOU TELECOM NET)
- 59 (M) 07/09/01 RESPONSE TO BELLSOUTH FILING OF NEW PRICING TARIFF FOR DSL (MIKE NEAGLE KA-NET)
- 60 (M) 07/09/01 RESPONSE TO CONFERENCE HELD JUNE 27,01 (BELLSOUTH)
- 61 (M) 07/12/01 LETTER REGARDING INFORMAL CONFERENCE (JEFF MCADAMS/IGLOU)
- 62 (M) 07/17/01 RESPONSE SENT TO MEETING HELD ON JUNE 19,01 (JEFF MCADAMS IGLOU)
- 63 (M) 07/17/01 Jeff McAdams - IgLou Internet Services, Inc. - IgLou letter of concern regarding BellSouth's comments made at the June 19, 2001 informal conference.
- 64 (M) 07/19/01 Jeff McAdams - IgLou Internet Services, Inc. - Jeff McAdams/IgLou letter to BellSouth's comments made at the June 19, 2001 informal conference
- 65 (M) 08/08/01 Creighton E Mershon, Sr. - BellSouth Telecommunications, Inc. - RESPONSE TO COMMISSION'S ORDER OF AUGUST 3, 2001
- 66 (M) 08/31/01 Fred Gerwing - BellSouth Telecommunications, Inc. - New and revised pages in Section A3, A4, A13, A42, and A103
- 67 09/17/01 Letter to BellSouth granting their petition for confidentiality filed 8/31/01.
- 68 10/19/01 Final Order approving the tariff filed by Bellsouth on 9/1/01.
- 69 (M) 08/06/02 Creighton E Mershon, Sr. - BellSouth Telecommunications, Inc. - Response to Order of August 3,2000
- 70 (M) 08/01/03 Dorothy J Chambers - BellSouth Telecommunications, Inc. - Petition of BellSouth Telecommunications for confidential treatment of certain information contained in Exhibit 4 to a letter regarding BellSouth's Price Regulation Plan
- 71 09/24/03 Letter to Dorothy Chambers denying BellSouth's petition for confidentiality filed 8/01/2003 for protection of certain information contained in Exhibit 4 to a letter regarding BellSouth's Price Regulation Plan. The information shall be held from public inspection until 10/14/2003 to allow time for BellSouth to seek any further remedy.
- 72 (M) 10/14/03 Dorothy J Chambers - BellSouth Telecommunications, Inc. - Response to Commission's letter of September 23, 2003 filed by BellSouth requesting to withdraw Exhibit 4 of August 1, 2003 filing

KY. PUBLIC SERVICE COMMISSION

Index for Case: 1999-00513

AS OF : 03/06/07

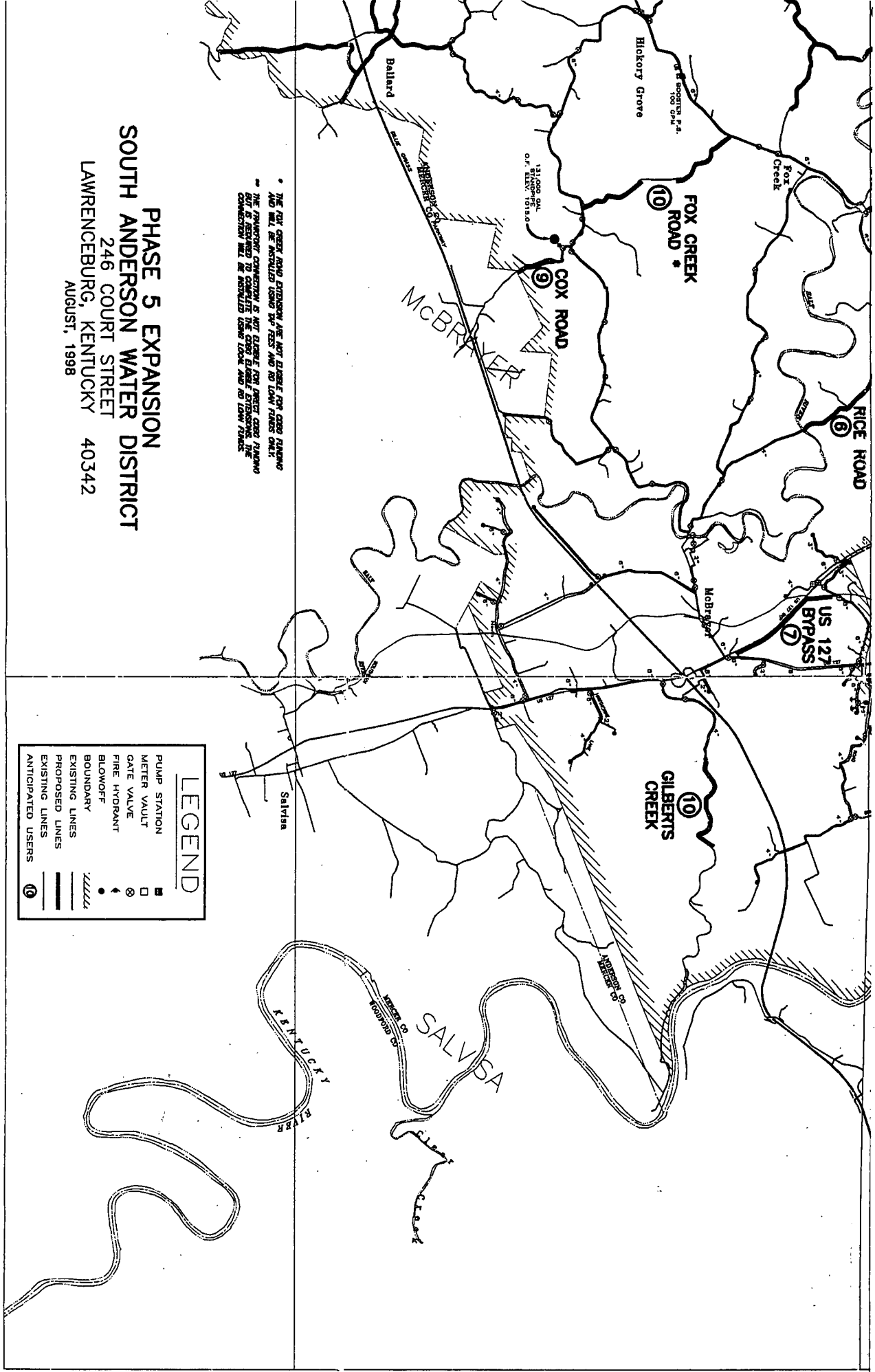
Clark Energy Cooperative, Inc.

Complaints - Service

OF DIMITRI VAUGHN TAYLOR

IN THE MATTER OF DIMITRI VAUGHN TAYLOR VS. CLARK RECC

SEQ NBR	Date	Remarks
1	12/21/99	Application.
2	01/05/00	Acknowledgement letter.
3	01/21/00	Order to Satisfy or Answer; info due 1/31
4	(M) 01/31/00	RESPONSE TO ORDER OF JAN 21,2000 (OVERT CARROLL CLARK ENERGY)
5	02/25/00	Order scheduling 4/4 hearing; sets procedural schedule
6	(M) 03/06/00	ENTRY OF APPEARANCE & MOTION FOR CONTINUANCE (PATRICK NASH ATTORNEY FOR COMPLAINAN)
7	03/14/00	Order revising procedural schedule; hearing rescheduled from 4/4 to 5/2.
8	(M) 04/21/00	MOTION FOR EXTENSION OF TIME TO VERIFIED WITNESS TESTIMONY (PATRICK NASH DIMITRI VAUGHN TAYLOR)
9	(M) 04/21/00	MOTION FOR EXTENSION OF TIME IN WICH TO ANSWER TO SUBMIT DIRECT TEST (CLARK ENERGY COOP ROBERT ROSE)
10	04/28/00	Order cancelling 5/2 hearing and rescheduling for 6/1; discovery ext. 30 days.
11	(M) 05/15/00	ANSWER TO INTERROGATORIES (ROBERT ROSE CLARK ENERGY)
12	(M) 05/19/00	MOTION FOR EXTENSION OF TIME (PATRICK NASH)
13	(M) 05/22/00	NOTICE OF ADDRESS CHANGE (PATRICK NASH ATT FOR COMPLAINANT)
14	(M) 05/22/00	MOTION FOR EXTENSION OF TIME TO FILE VERIFIED WITNESS TESTIMONY & ANS (PATRICK NASH)
15	(M) 06/02/00	JOINT MOTION FOR EXTENSION OF DEADLINES & CONTINUANCE OF HEARING (PATRICK NASH ATT FOR DIMITRI TAYLOR)
16	03/28/01	Order entered; info due 4/27 or case dismissed without further order
17	(M) 04/30/01	STATEMENT & MEMO AS REQ BY ORDER DATED 3-28-01 (PATRICK NASH)
18	05/15/01	Order setting procedural schedule; schedules 6/26/2001 hearing
19	(M) 05/29/01	INTERROGATORIES AND REQUEST FOR PRODUCTION OF DOCUMENTS (SHANNON MESSER/CLARK ENERGY)
20	(M) 06/12/01	TESTIMONY OF TAYLOR, KIRKWOOD, TAYLOR, SLONAKER, MYERS, AND TUTTLE (PATRICK NASH/DIMITRI VAUGHN TAYLOR)
21	(M) 06/12/01	ANSWERS TO DEFENDANT'S INTERROGATORIES (PATRICK NASH/DIMITRI VAUGHN TAYLOR)
22	(M) 06/12/01	DIRECT TESTIMONIES OF MESSER, PEYTON, AND MAYNARD (SHANNON MESSER/CLARK ENERGY)
23	(M) 06/19/01	RESPONSE TO DEFENDANTS MOTION FOR EXTENSION OF TIME (PATRICK NASH)
24	06/22/01	Order rescheduling 6/26 hearing to 7/12; schedules 7/9 IC; info due 7/5/2001
25	(M) 07/05/01	VERIFIED REBUTTAL TESTIMONY OF DIMITRI VAUGHN TAYLOR (DIMITRI VAUGHN TAYLOR)
26	(M) 07/05/01	VERIFIED REBUTTAL TESTIMONY OF MESSER AND SIDWELL (SHANNON MESSER/CLARK ENERGY)
27	(M) 08/03/01	Connie Sewell - TRANSCRIPT FILED FOR HEARING ON JULY 12,01
28	(M) 08/17/01	Donald G Thomas - Office Of The Marshall County Atty - WRITTEN BRIEF OF CLARK ENERGY
29	(M) 08/17/01	Patrick F Nash - POST HEARING BRIEF
30	10/15/01	Final Order; Clark Energy shall extend service to Complainant contingent upon Complainant providing reasonable access as described and willingness & ability to pay for his portion of costs of extension



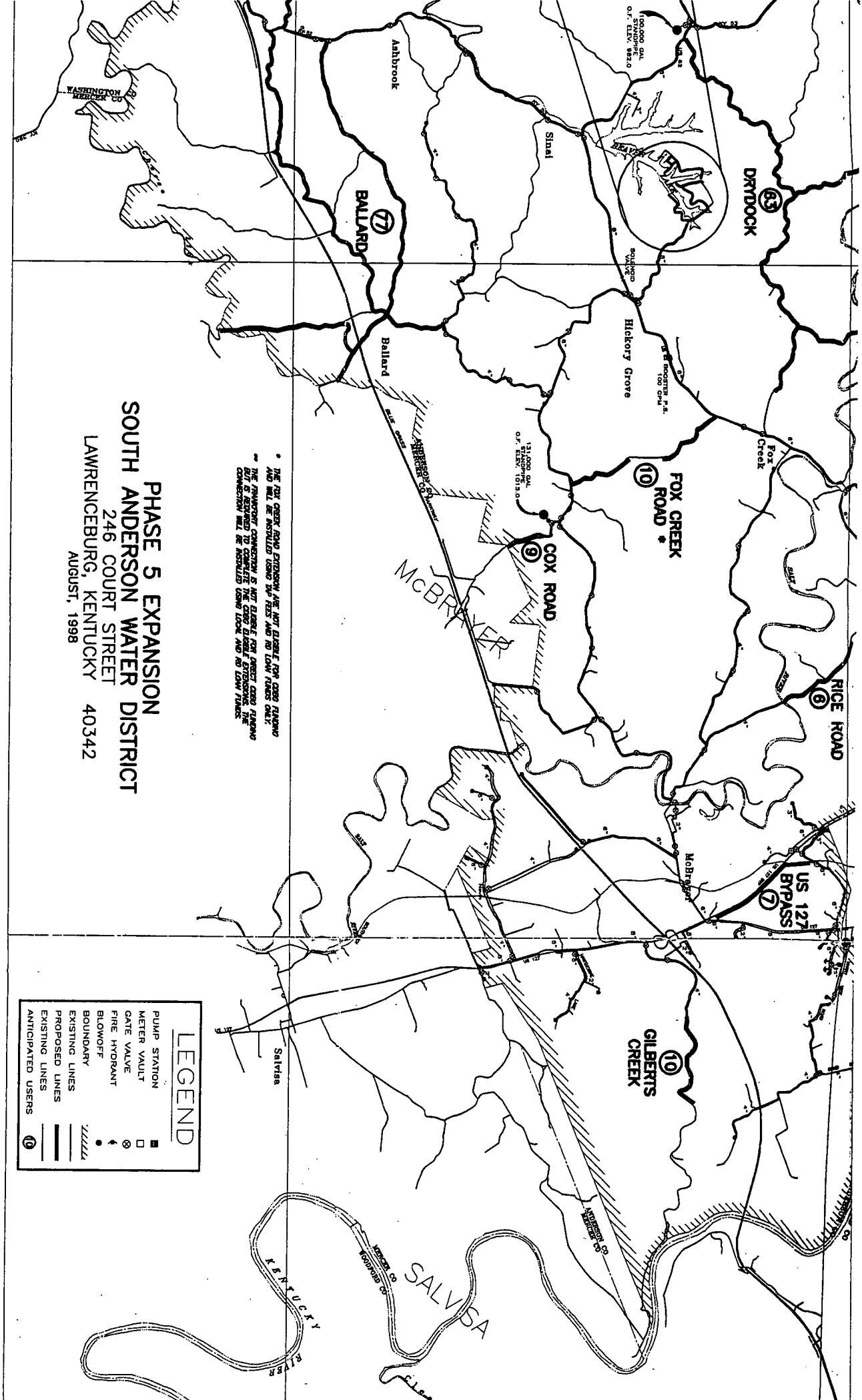
• THE FOX CREEK ROAD EXTENSION ARE NOT ELIGIBLE FOR GRANT FUNDING AND WILL BE ASSESSSED UNDER 84% FEES AND 16% LOW INCOME FEES ONLY.

• THE PROPOSED CONNECTION IS NOT ELIGIBLE FOR PROJECT GRANT FUNDING. CONNECTION WILL BE ASSESSSED UNDER 84% AND 16% FEES.

**PHASE 5 EXPANSION  
SOUTH ANDERSON WATER DISTRICT**  
 246 COURT STREET  
 LAWRENCEBURG, KENTUCKY 40342  
 AUGUST, 1998

LEGEND	
■	PUMP STATION
□	METER VAULT
⊙	GATE VALVE
⊙	FIRE HYDRANT
⊙	BLOWOFF
⊙	BOUNDARY
—	EXISTING LINES
—	PROPOSED LINES
—	EXISTING LINES
⊙	ANTICIPATED USERS

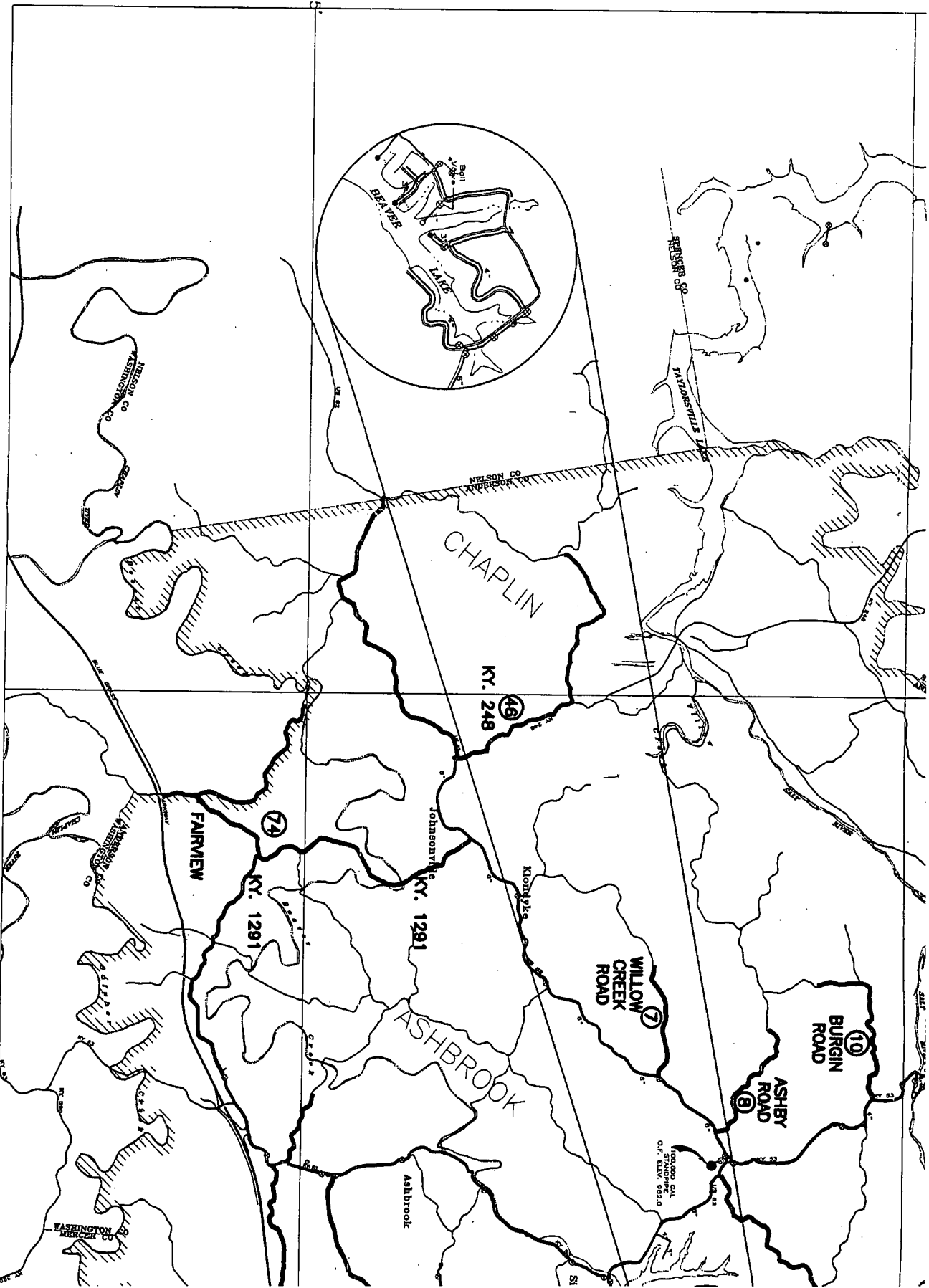
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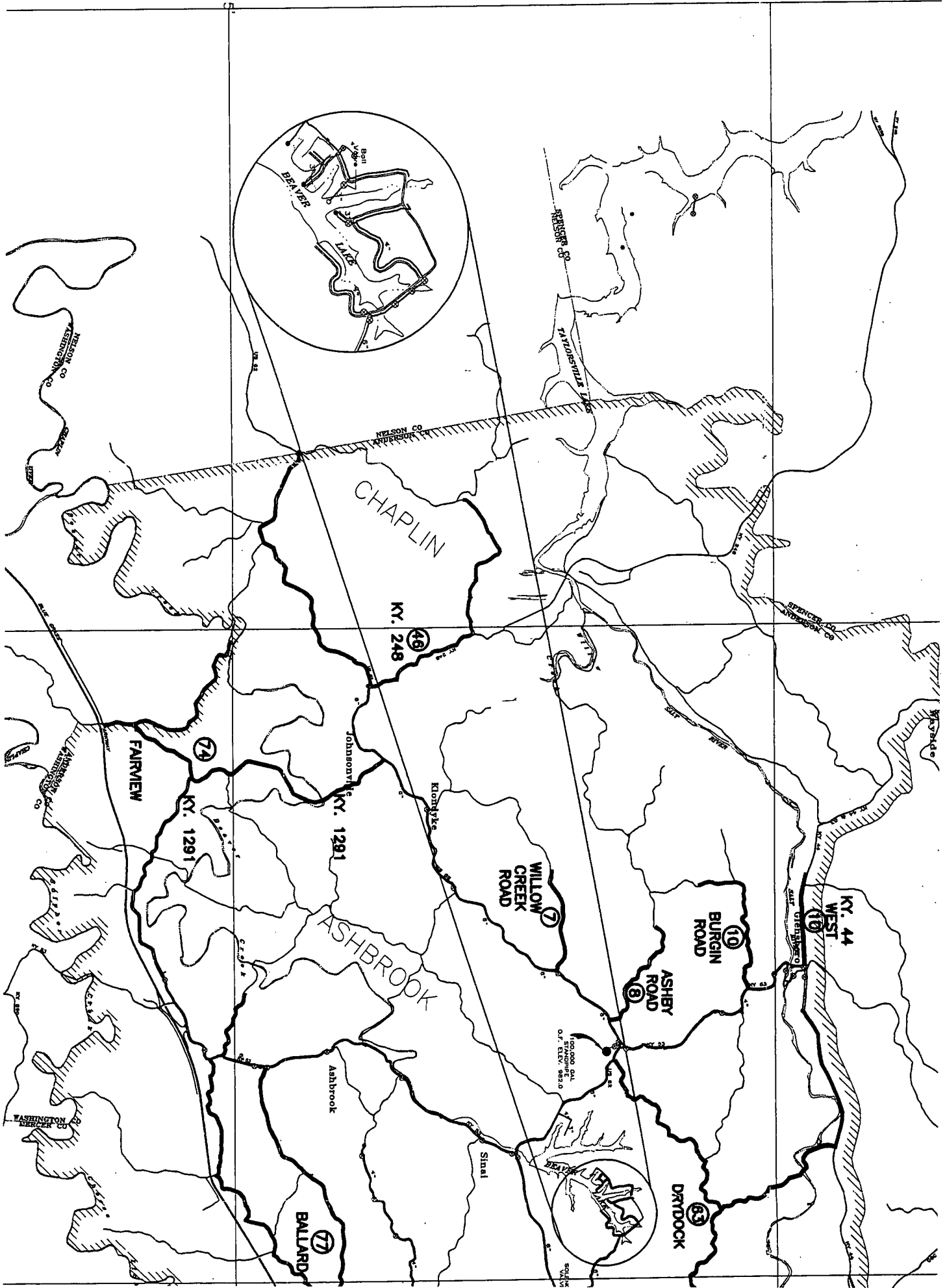


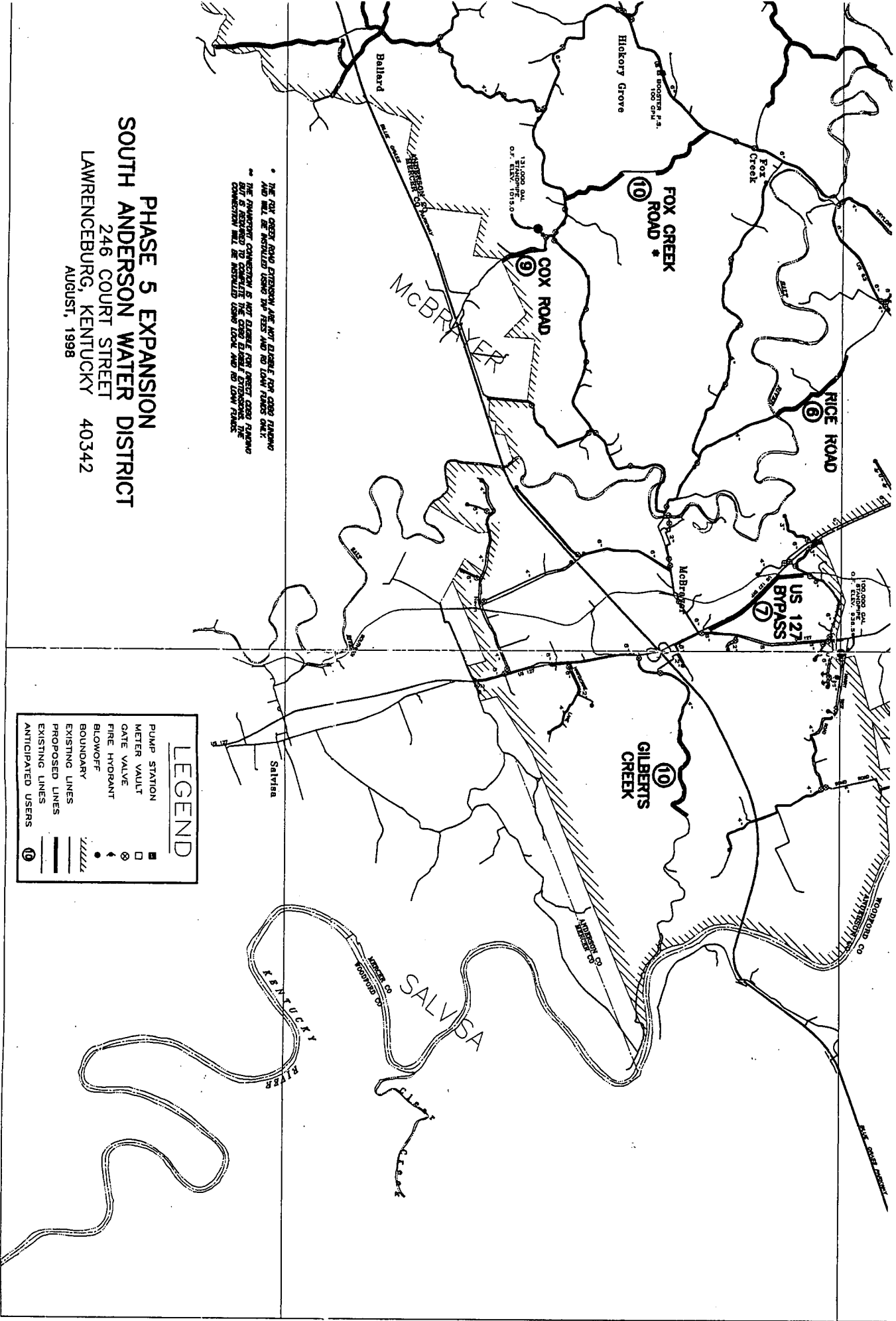
**PHASE 5 EXPANSION**  
**SOUTH ANDERSON WATER DISTRICT**  
 246 COURT STREET  
 LAWRENCEBURG, KENTUCKY 40342  
 AUGUST, 1998

• THE COX CREEK ROAD EXPANSION ARE NOT ELIGIBLE FOR COST SHARING AND WILL BE INSTALLED USING PAY FEES AND NO LOW FLOW FLOW ONLY.  
 • THE FURNISHMENT CONNECTION IS NOT ELIGIBLE FOR COST SHARING BUT IS REQUIRED TO COMPLETE THE COST SHARING EXPANSION. THE CONNECTION WILL BE INSTALLED USING LOW FLOW AND NO LOW FLOW.

LEGEND	
■	PUMP STATION
□	METER VAULT
◇	GATE VALVE
+	FIRE HYDRANT
•	BLOWOFF
	BOUNDARY
—	EXISTING LINES
—	PROPOSED LINES
—	EXISTING LINES
⑩	ANTICIPATED USERS







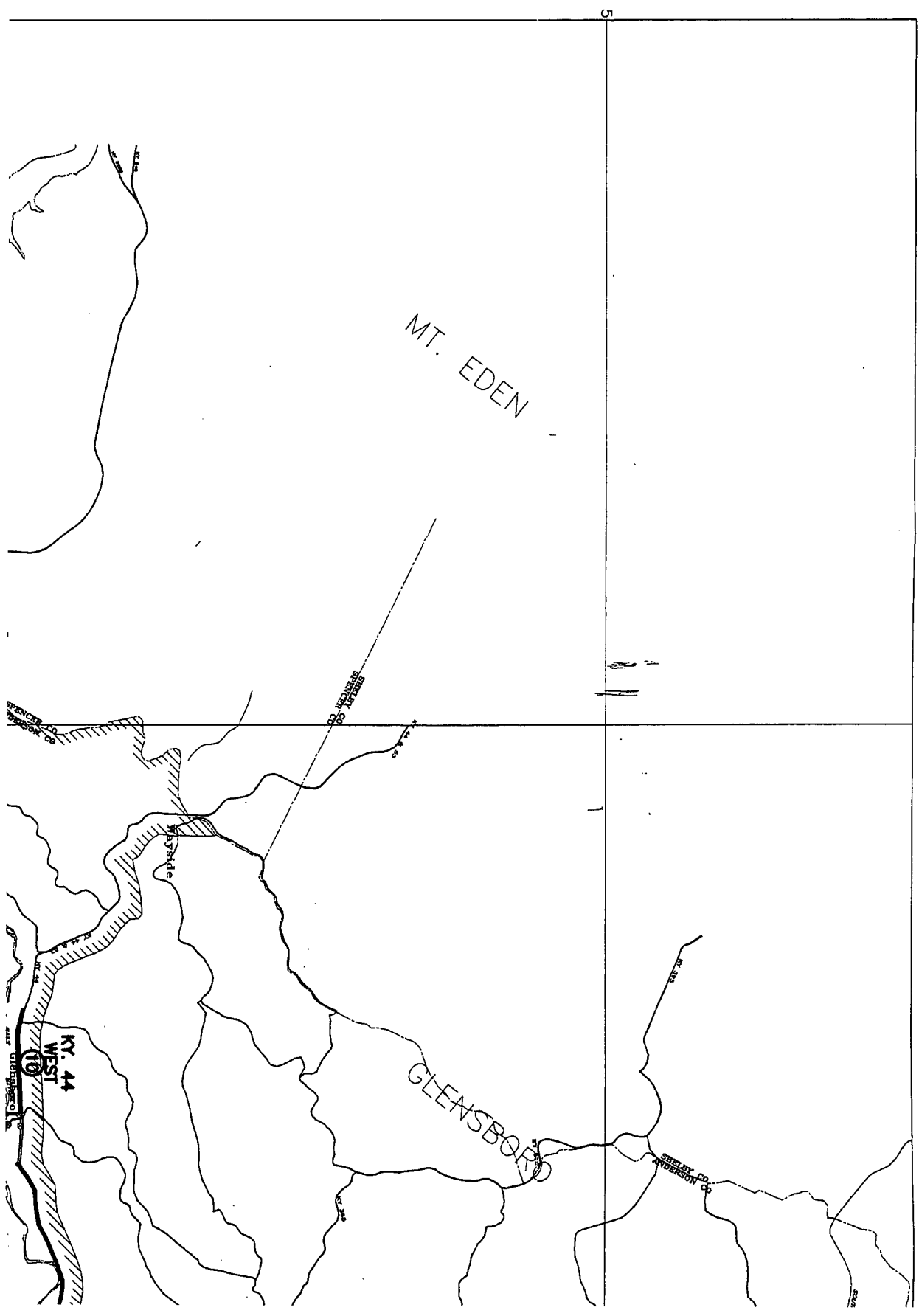
THE FOX CREEK ROAD EXTENSION ARE NOT ELIGIBLE FOR CROSS TAPPING AND WILL BE INSTALLED USING THE FEES AND NO LOW FLOWERS ONLY.  
 THE FURNACE CONNECTION IS NOT ELIGIBLE FOR JUMP CROSS TAPPING BUT IS RESERVED TO COMPLETE THE CROSS CLASS EXTENSION. THE CONNECTION WILL BE INSTALLED USING LOW FLOW AND NO LOW FLOWERS.

**PHASE 5 EXPANSION**  
**SOUTH ANDERSON WATER DISTRICT**  
 246 COURT STREET  
 LAWRENCEBURG, KENTUCKY 40342  
 AUGUST, 1998

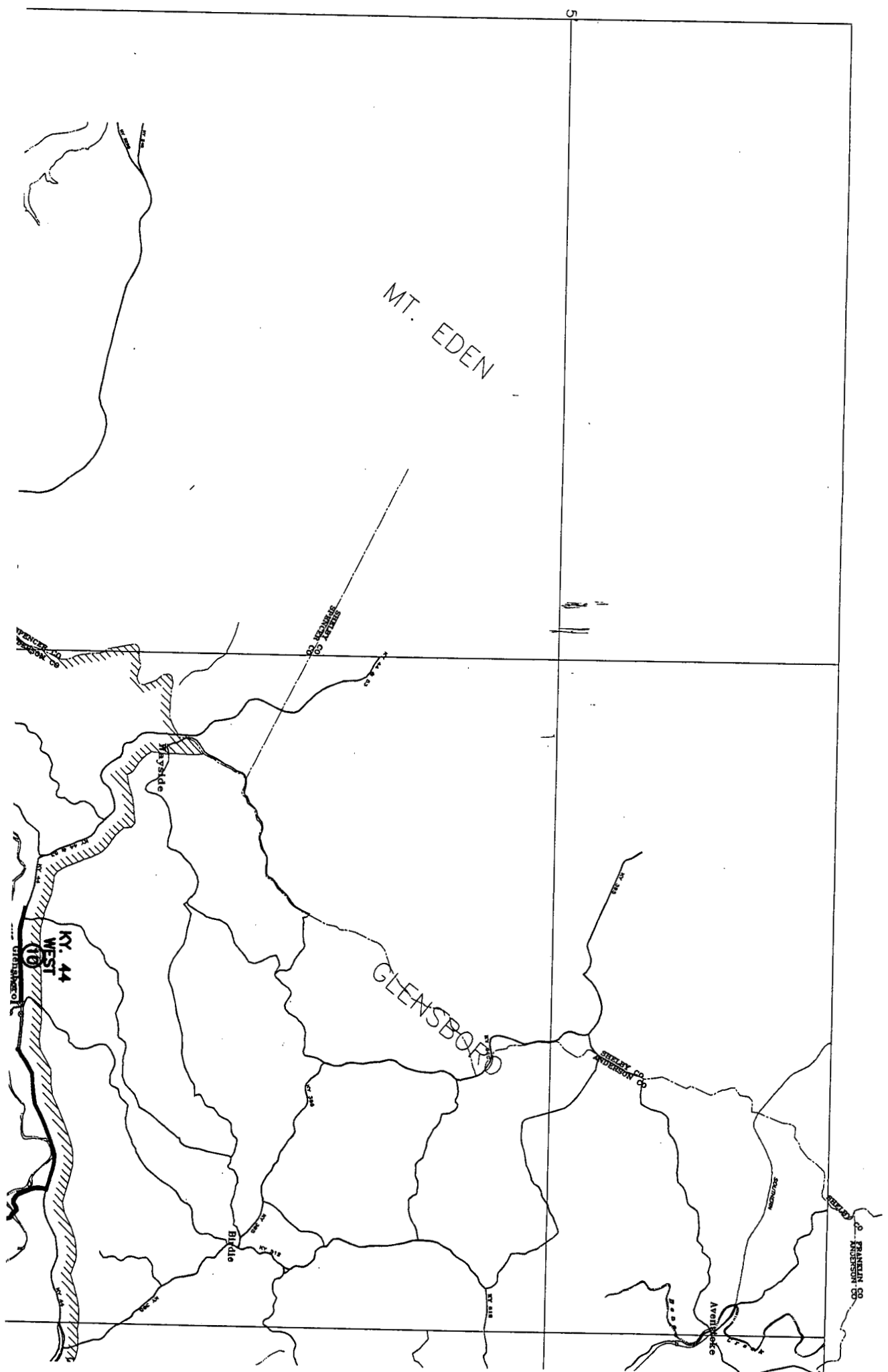
**LEGEND**

- PUMP STATION
- METER VAULT
- ⊗ GATE VALVE
- ⋄ FIRE HYDRANT
- BLOWOFF
- ▤ BOUNDARY
- PROPOSED LINES
- - - EXISTING LINES
- Ⓢ ANTICIPATED USERS

RECEIVED







MT. EDEN

GLENSBORO

BIRKDALE

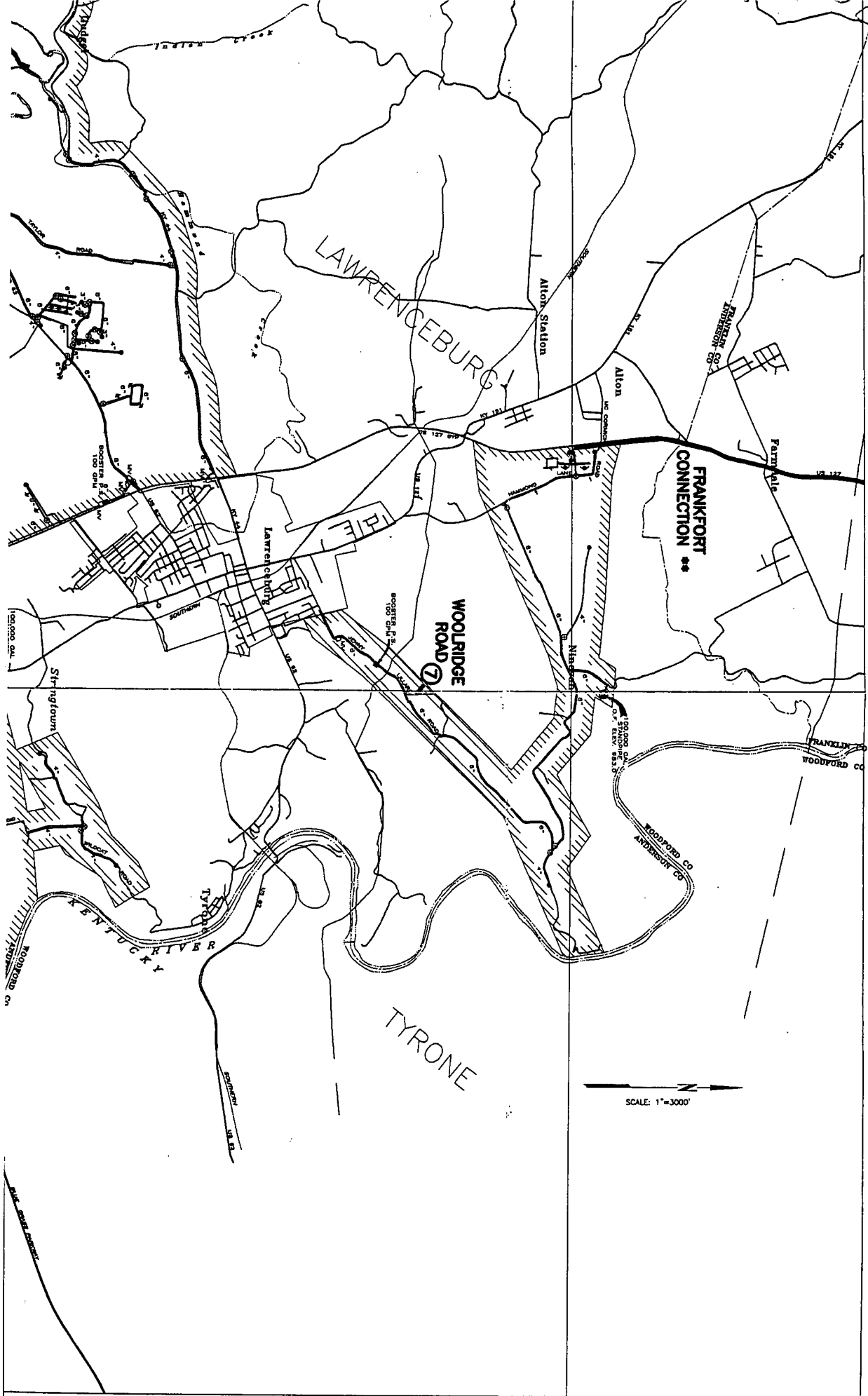
RY. 44  
WEST

SHERMAN CO.

SHERIDAN CO.

FRANKLIN CO.

5



LAWRENCEBURG

FRANKFORT CONNECTION \*\*

WOOLRIDGE ROAD 7

TYRONE

SCALE: 1"=3000'

DRAWN BY	JKP	DATE	AUG, 1998	REVISIONS	
CHECKED BY		SCALE	1"=2000'		
CHECKED BY	KDT	PROJECT NO.	90127		

(502) 695-4357

452 VERSAILLES ROAD, FRANKFORT, KENTUCKY

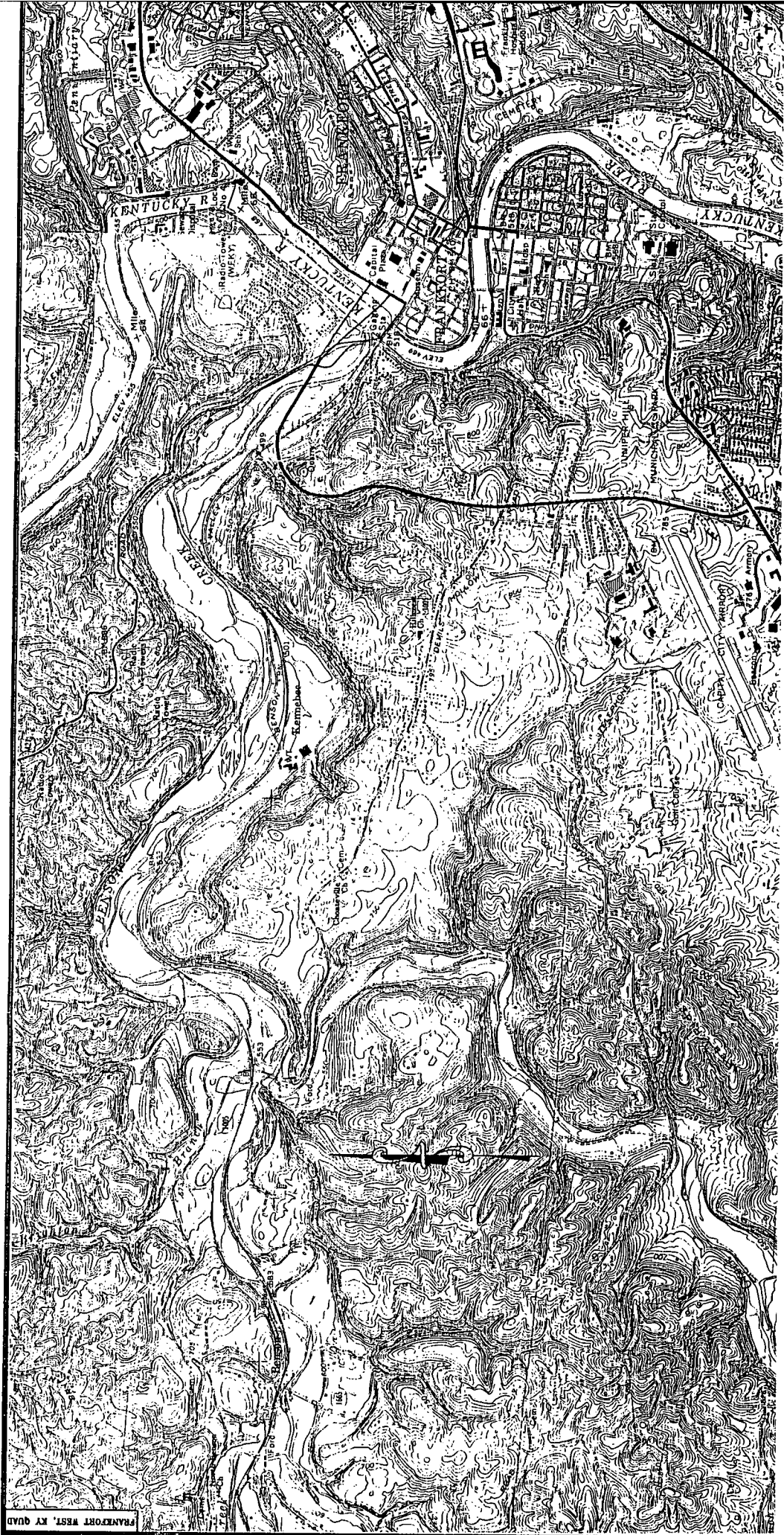


KENVIRONS, INC.

PHASE 5 EXPANSION

SOUTH ANDERSON WATER DISTRICT  
246 COURT STREET  
LAWRENCEBURG, KENTUCKY





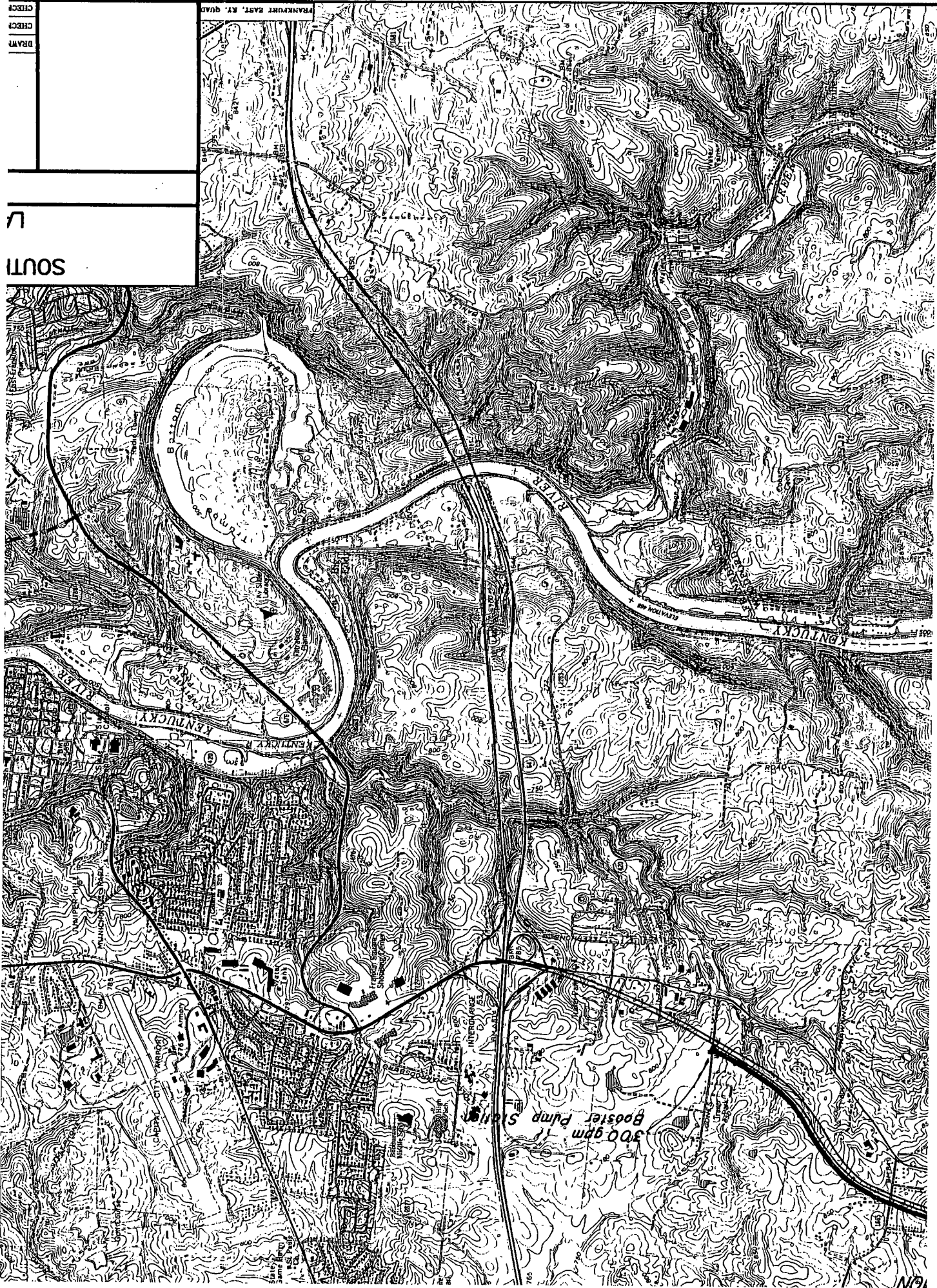
FRANKFORT WEST, KY QUAD



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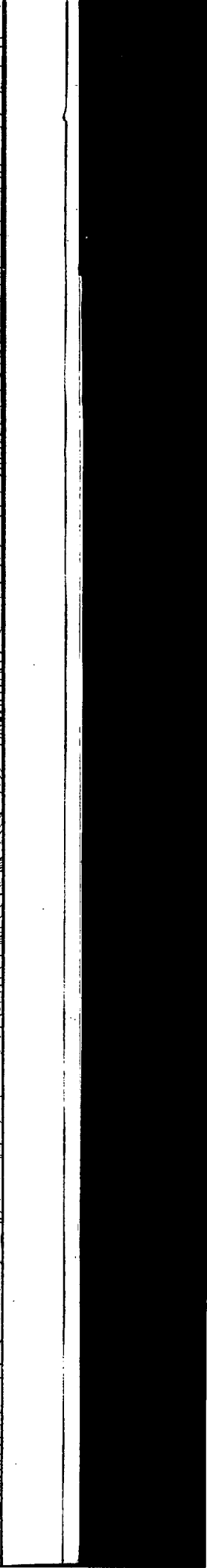
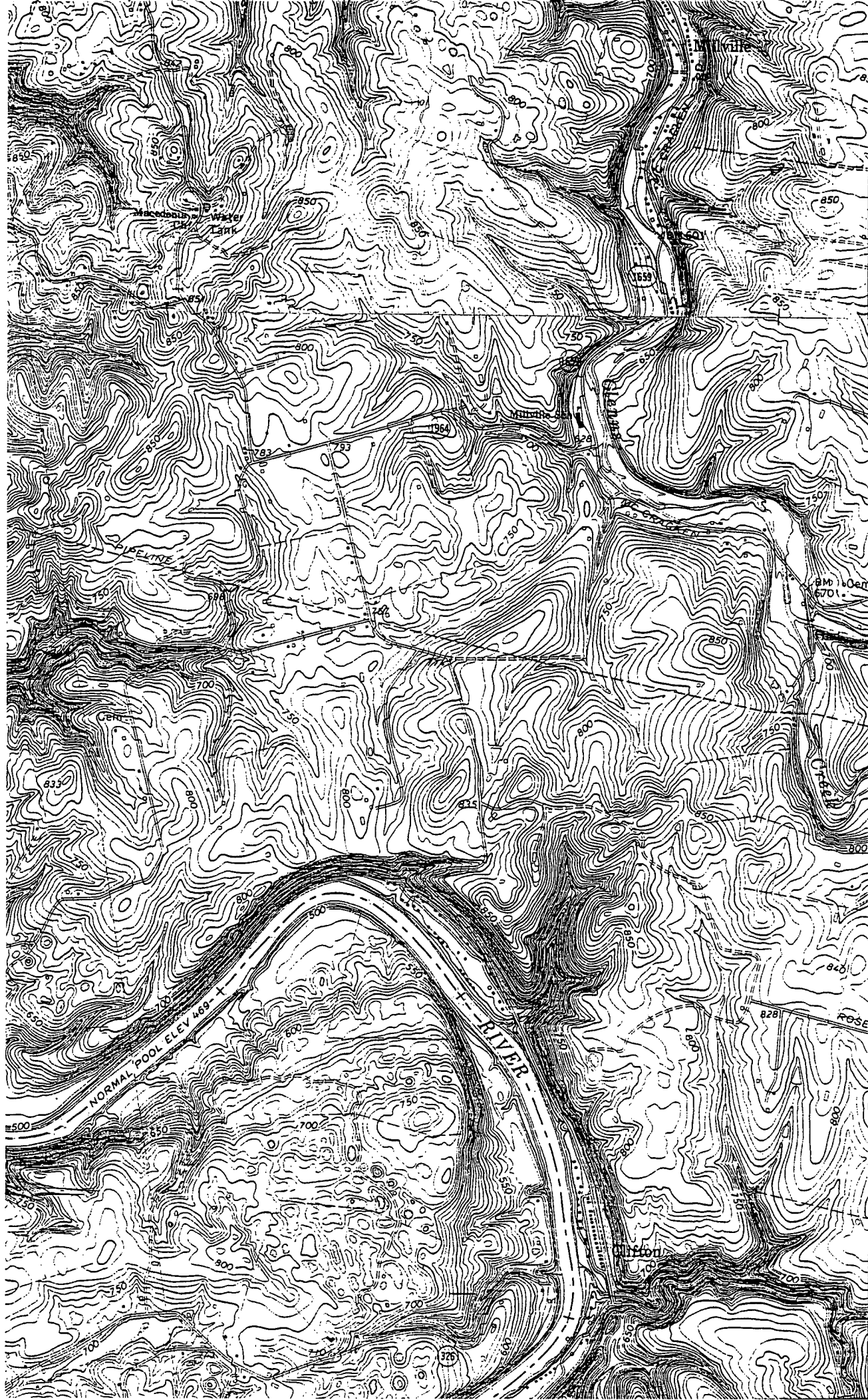
FRANKFORT EAST, KY. QUAD

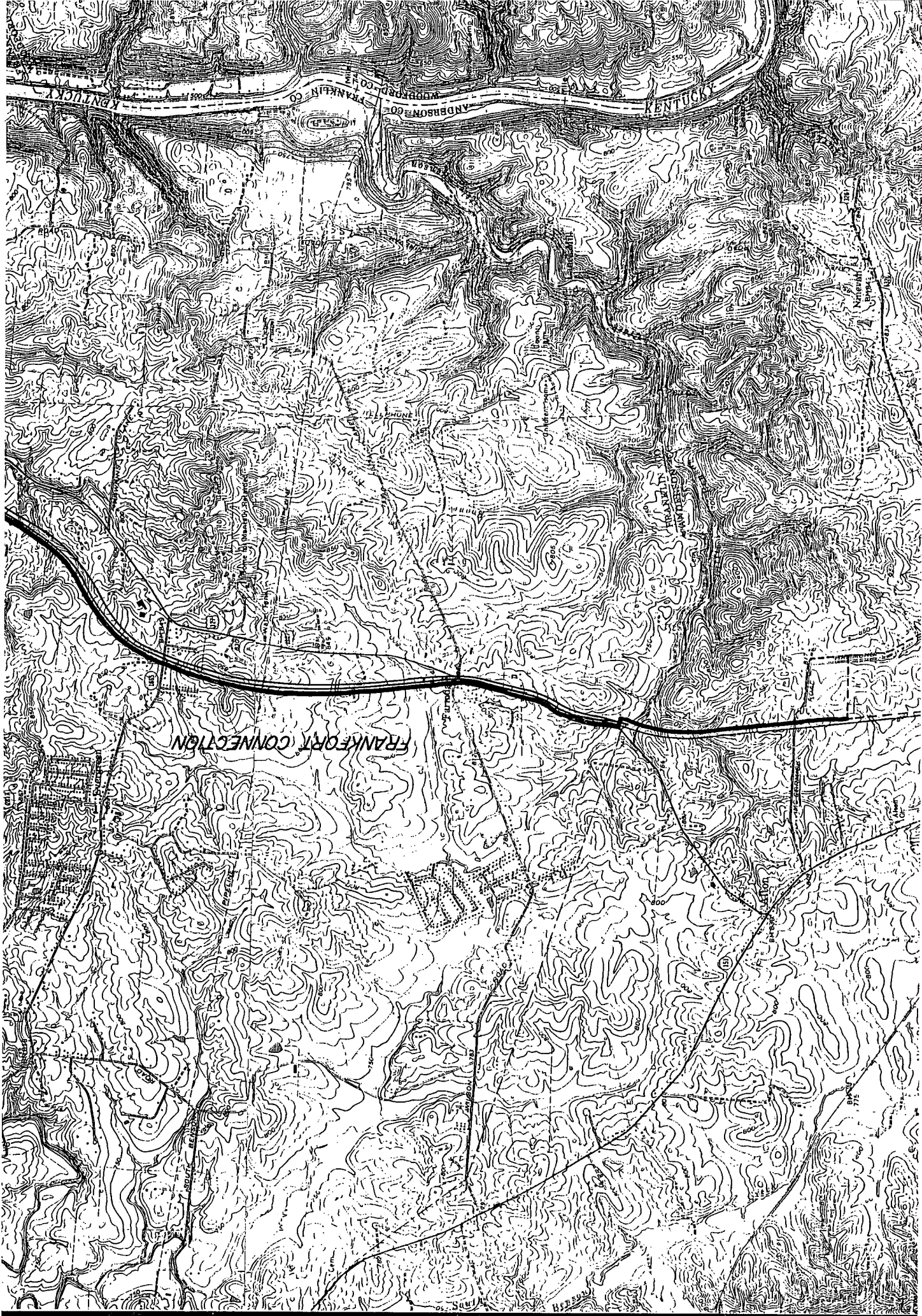
U  
SOUTH

















WOOLRIDGE ROADS

SHEET	DATE	1998	DRAWN BY	JKP
	REVISED		CHECKED BY	KDT
			SCALE	1"=200'
		PROJECT NO.	90127	

452 VERSAILLES ROAD, FRANKFORT, KENTUCKY  
 (502) 695-4357



KENVIRONS, INC.

**SOUTH ANDERSON WATER DISTRICT  
 246 COURT STREET  
 LAWRENCEBURG, KENTUCKY  
 PHASE 5 EXPANSION**

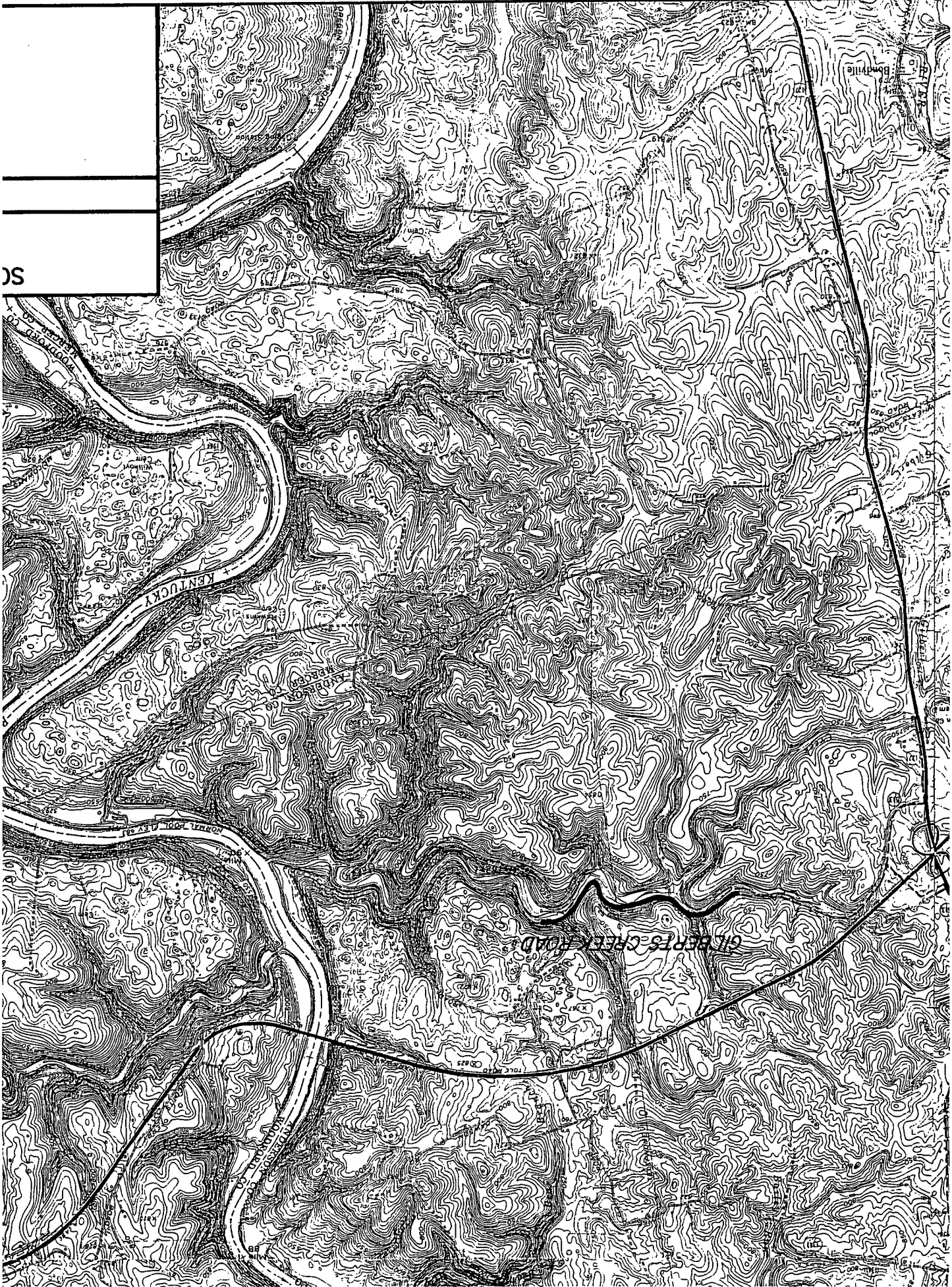
SALVISA, KY. QUAD.



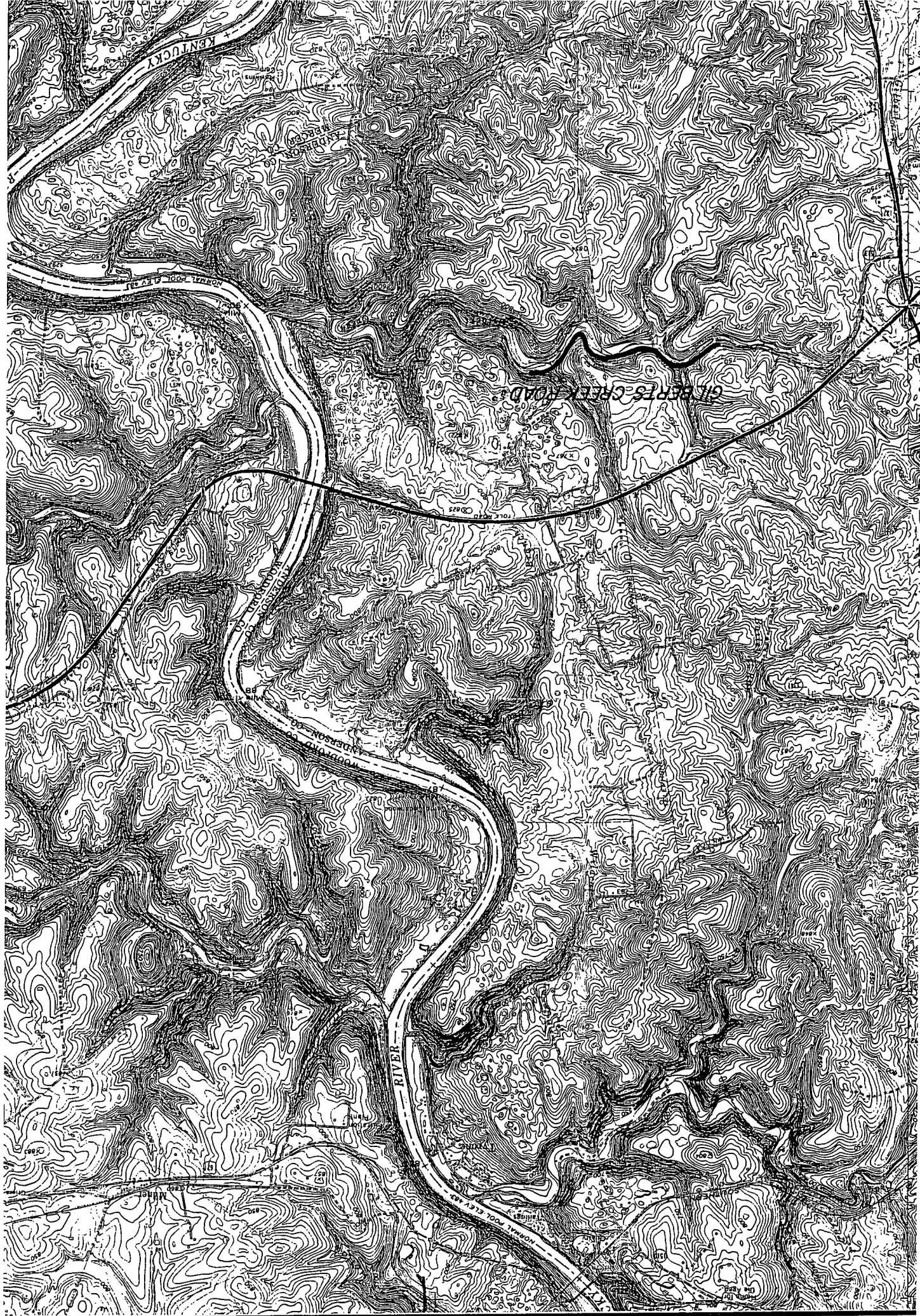




TYRONE, KY. QUAD.

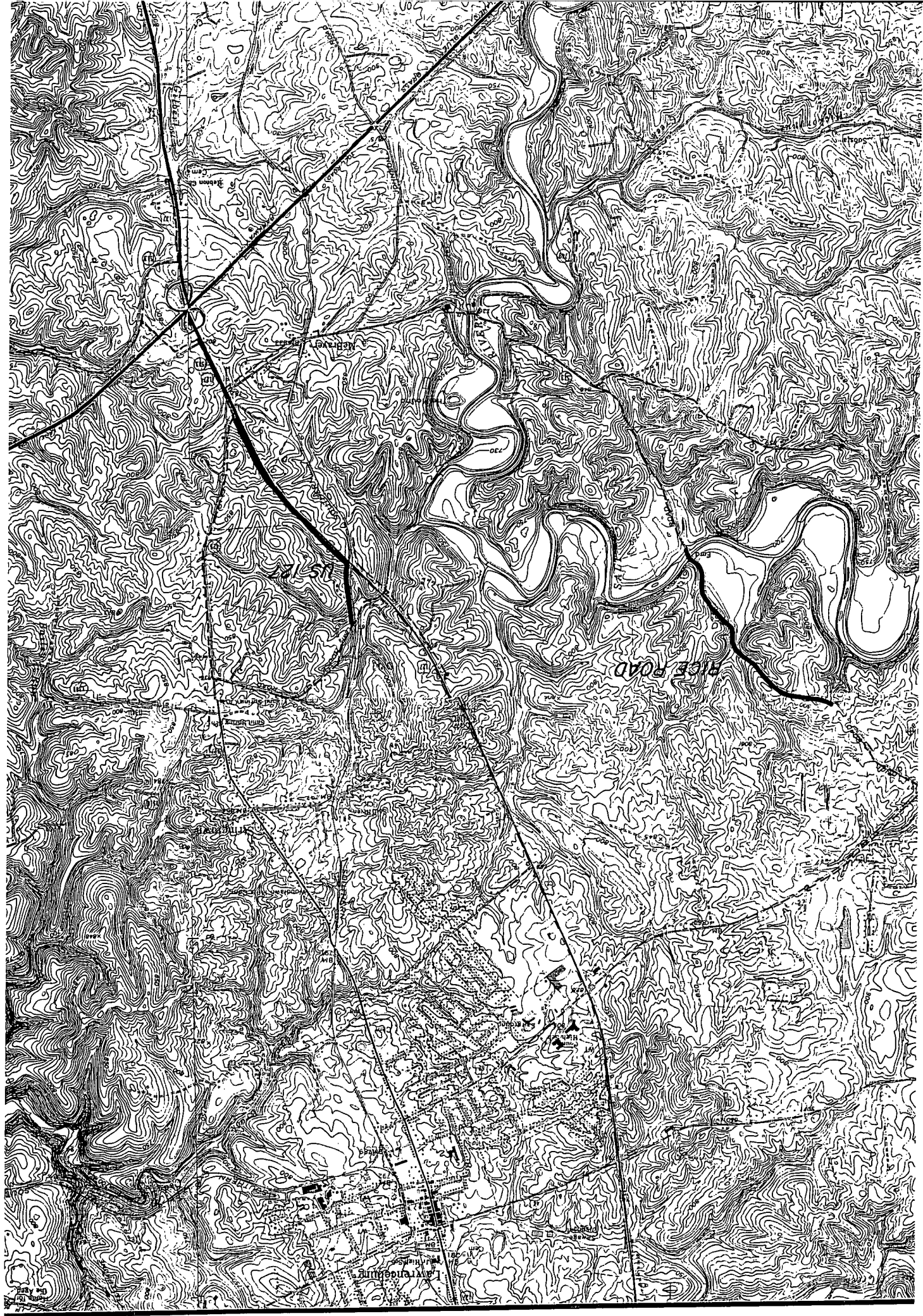










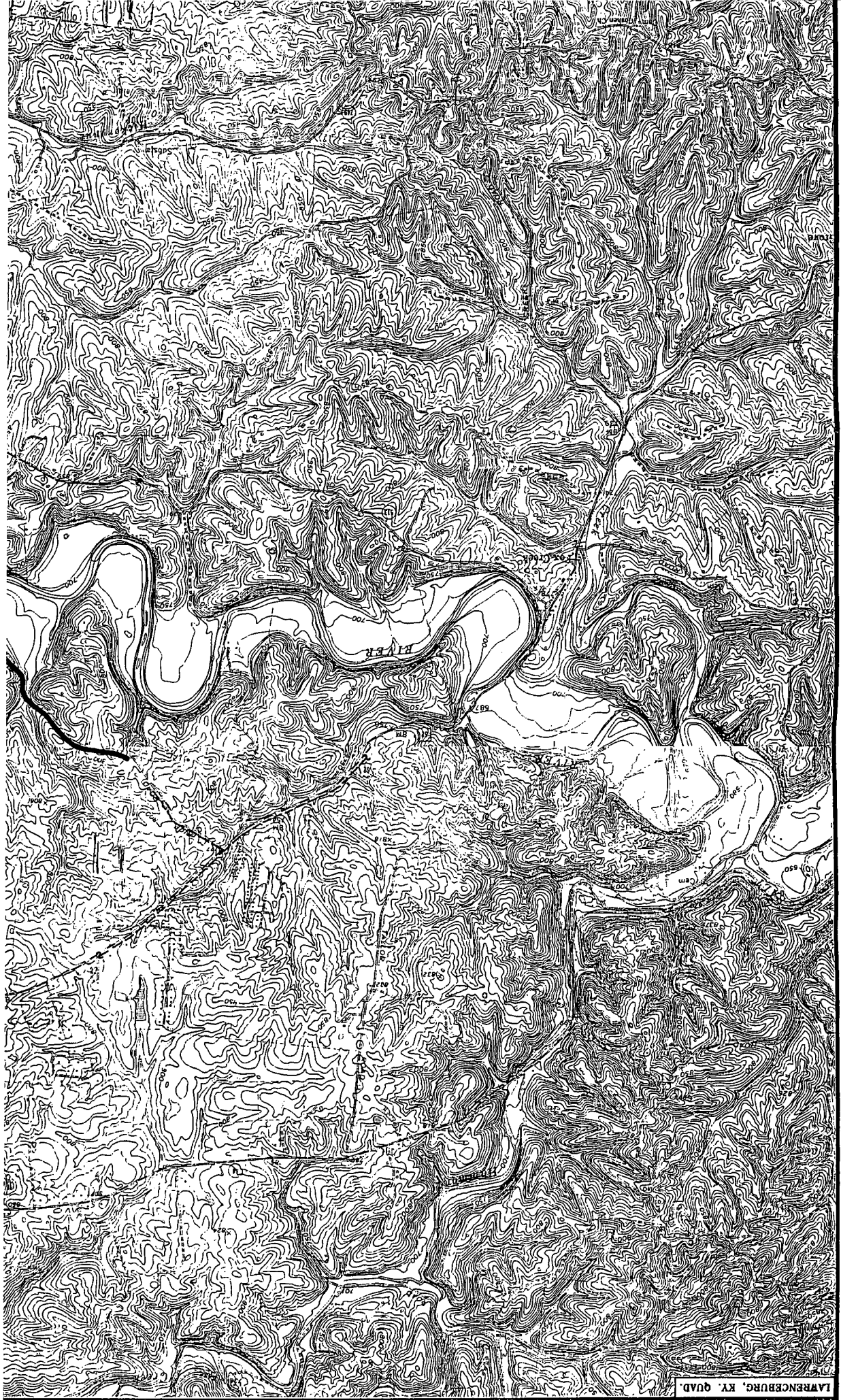






McBRAYER, KY. QUAD

N:\P\90127\MISC\BORDER.DWG Mod Sep 30 09 37:05 1998 JKP

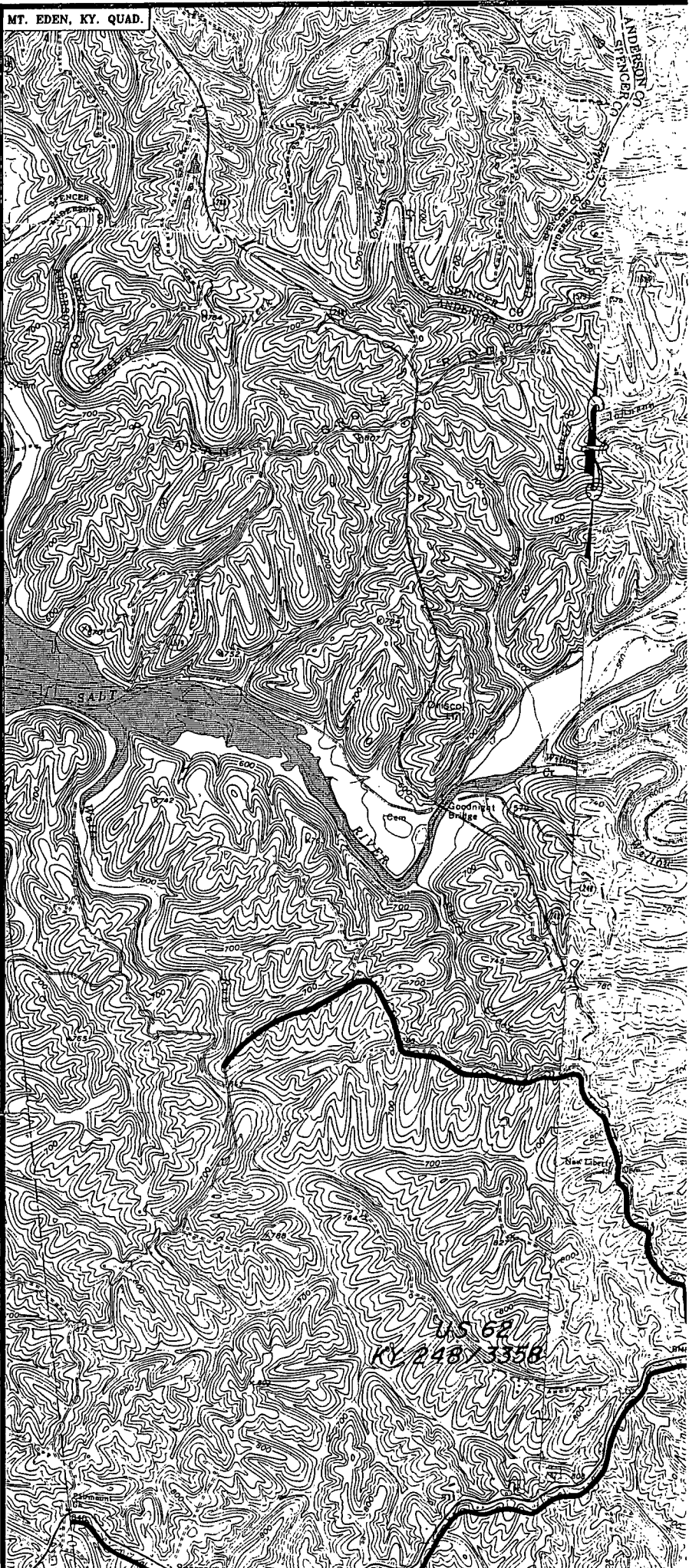


LAWRENCEBURG, KY. QUAD.



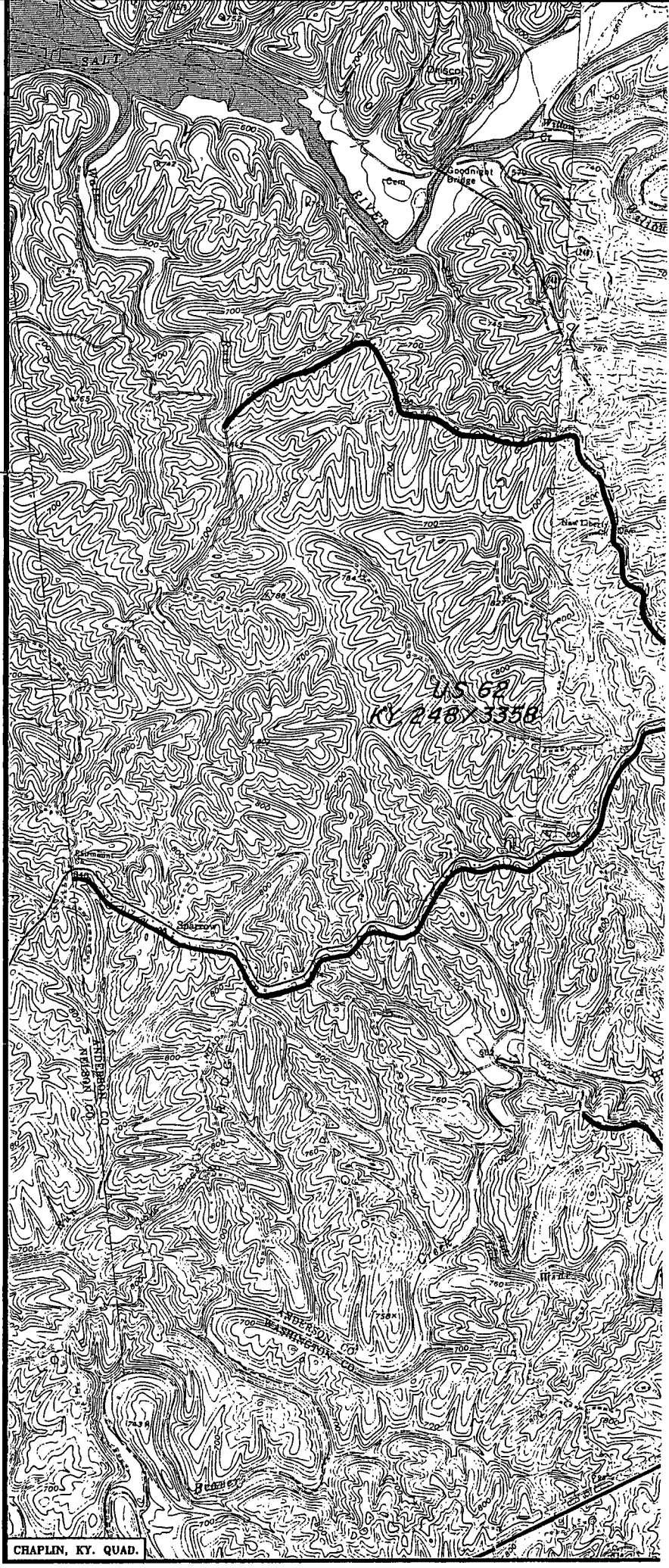
MT. EDEN, KY. QUAD.

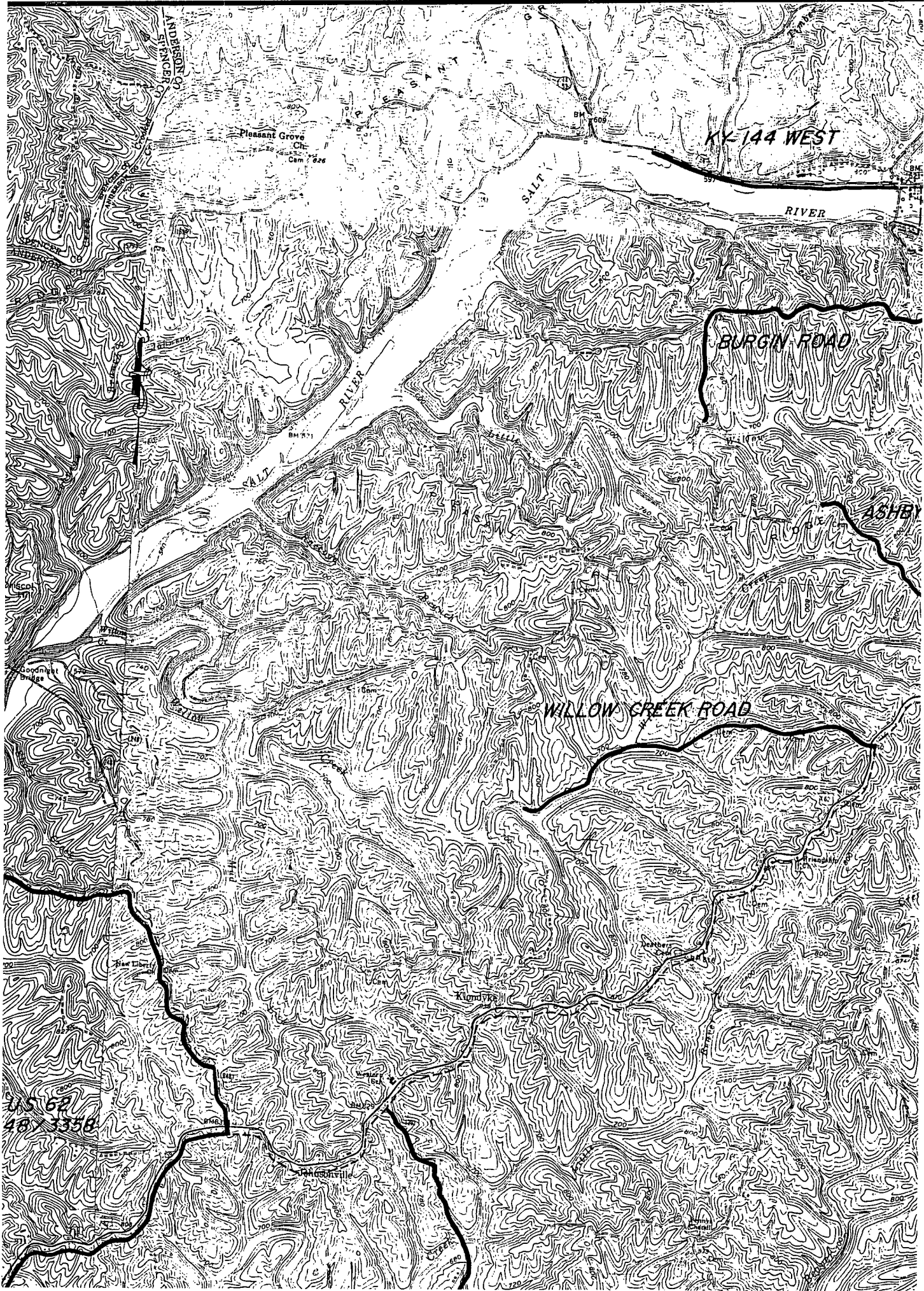
ANDERSON CO.  
SENCER CO.



US 62  
KY 248 3358

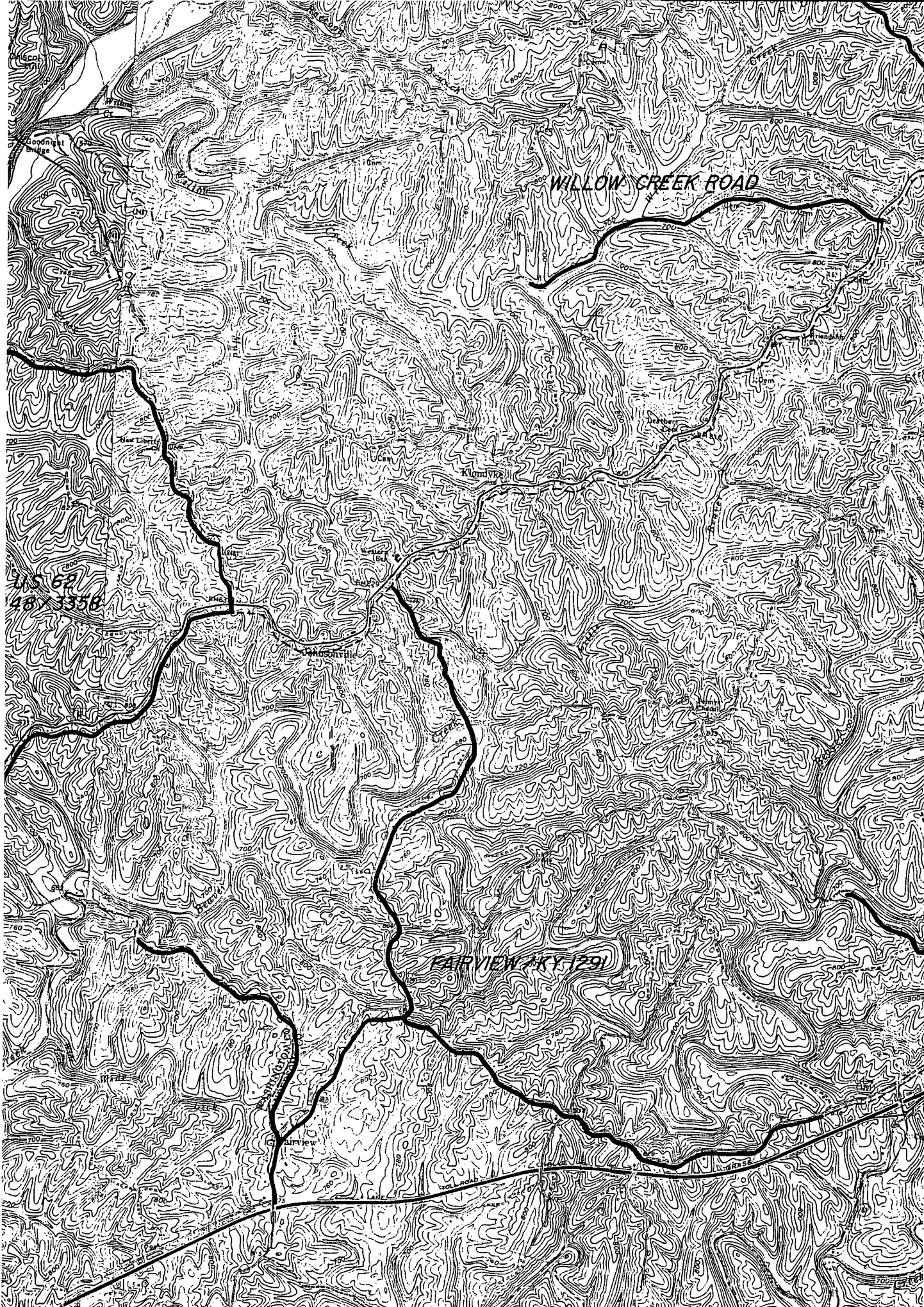
N:\P\90127\WISC\BORDER.DWG Thu Aug 27 11:26:01 1998 JKP





11-5-62  
487 3358





WILLOW CREEK ROAD

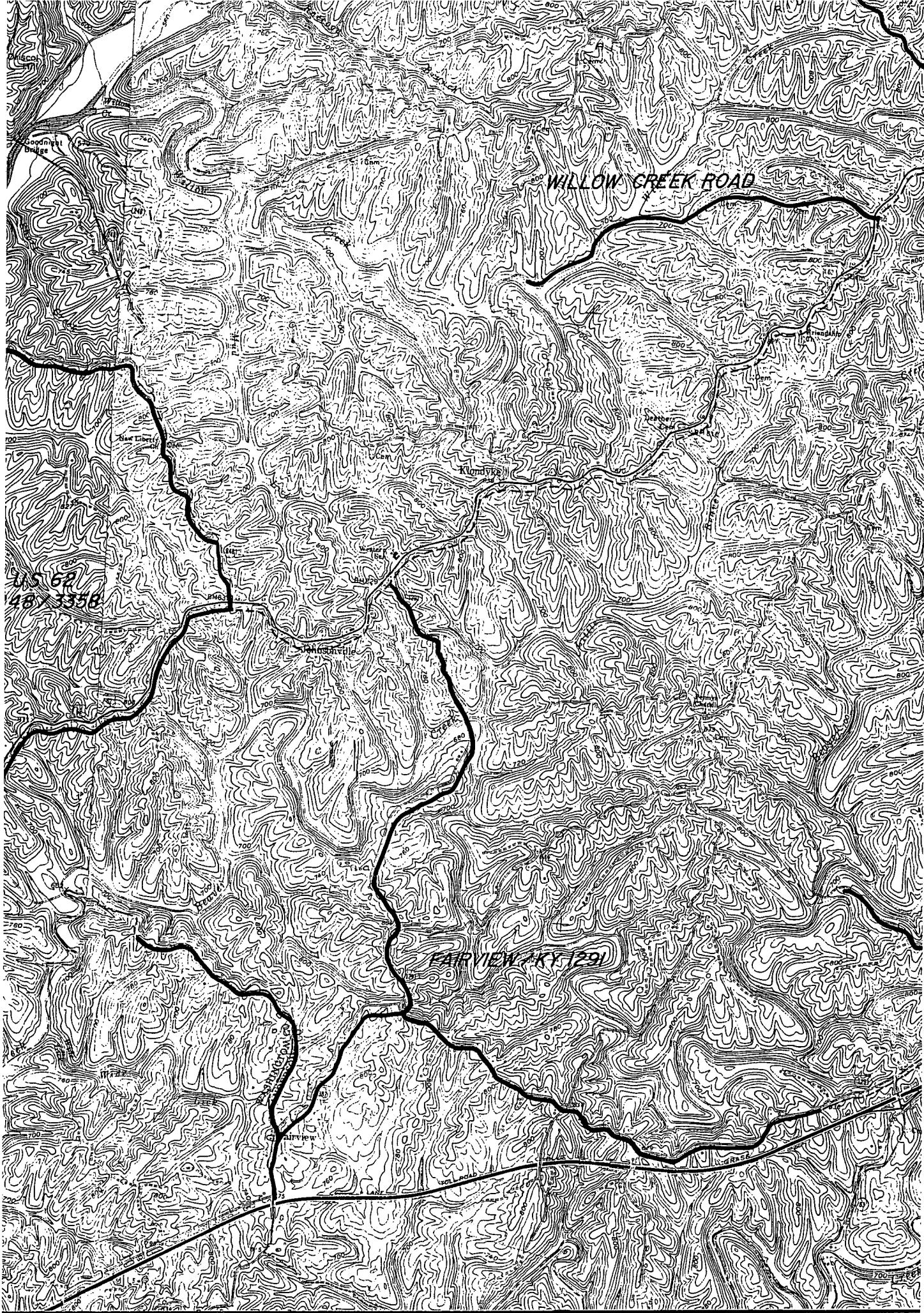
48 62  
48 1358

FAIRVIEW KY 129

Fairview

Klondike

New Liberty

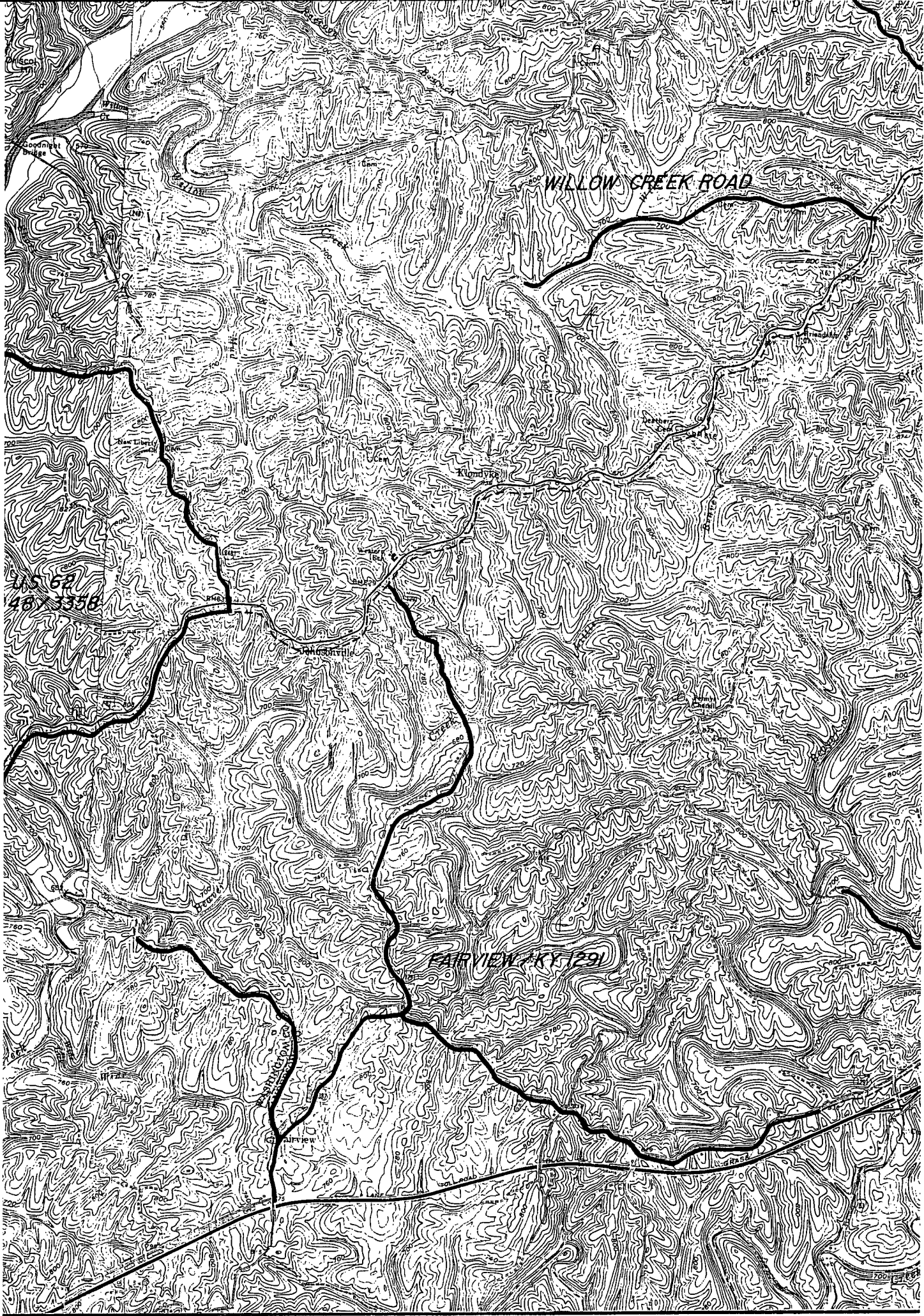


WILLOW CREEK ROAD

48-3358  
US 62

EARVIEW KY 129





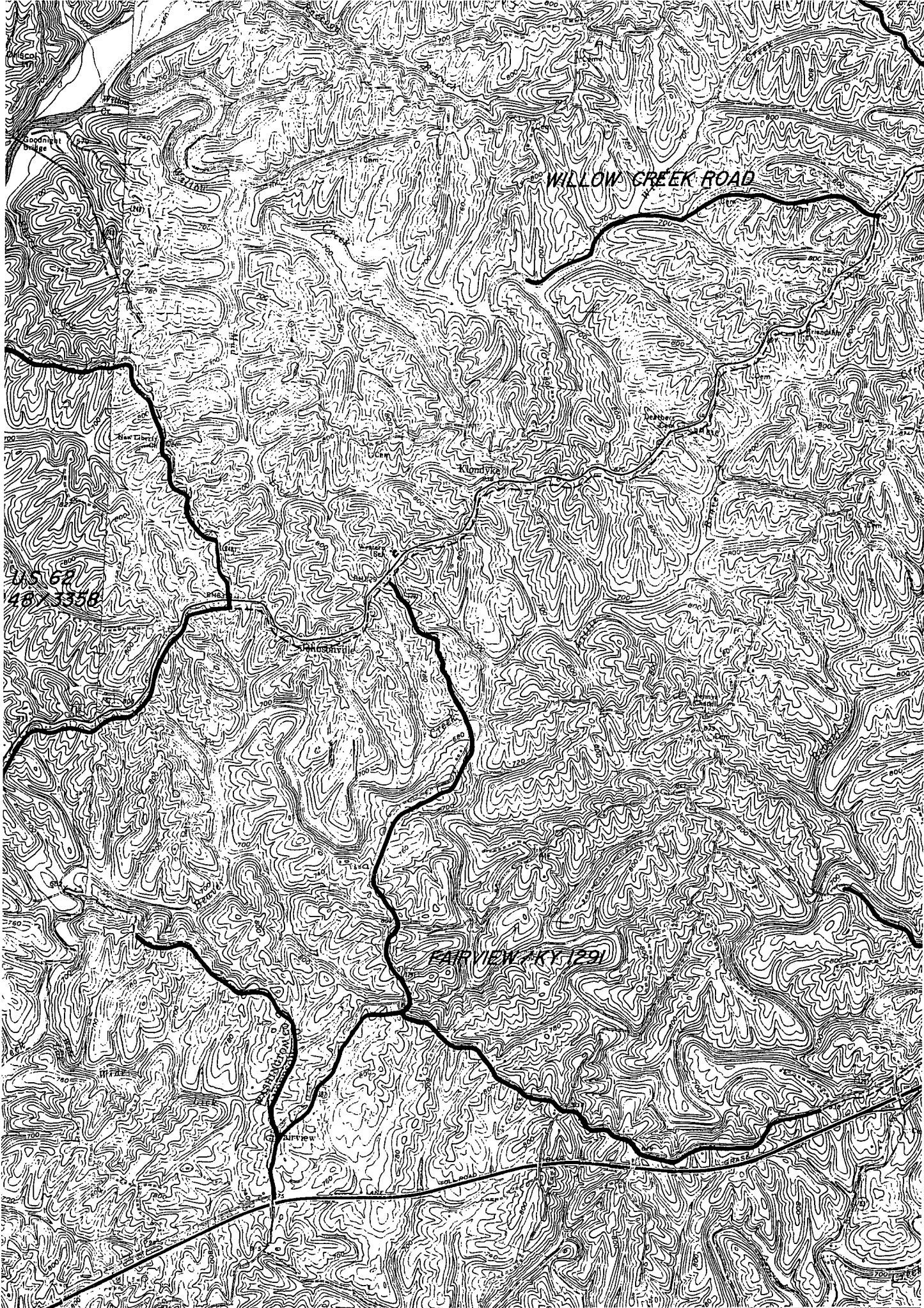
WILLOW CREEK ROAD

65 62  
48 3358

FAIRVIEW KY 129

Fairview





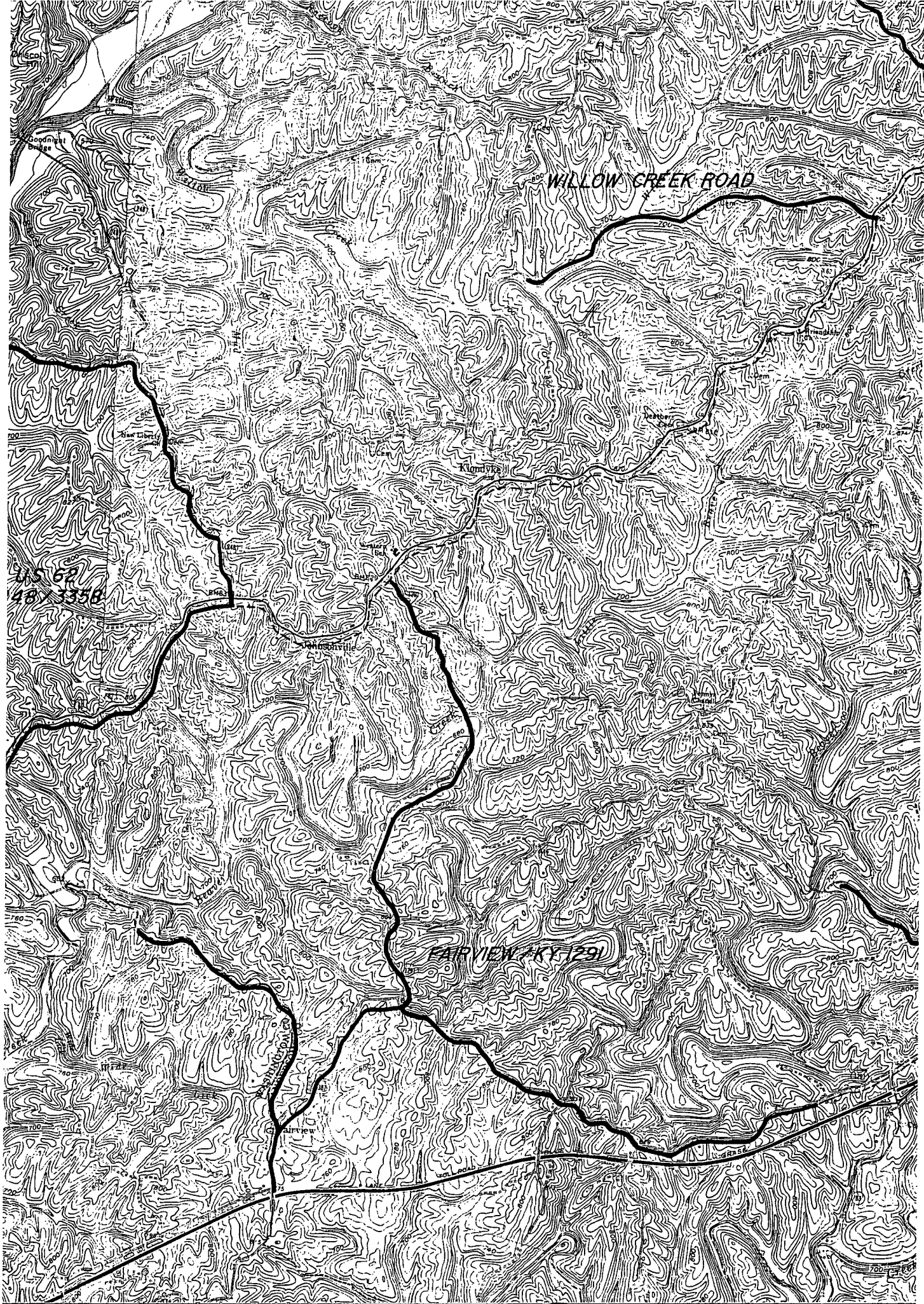
WILLOW CREEK ROAD

FAIRVIEW (K1129)

FAIRVIEW

4562  
48/358

Woodright bridge





GLENSBORO, KY. QUAD.

144 WEST

RIVER

Glensboro

Anderson City

SALT

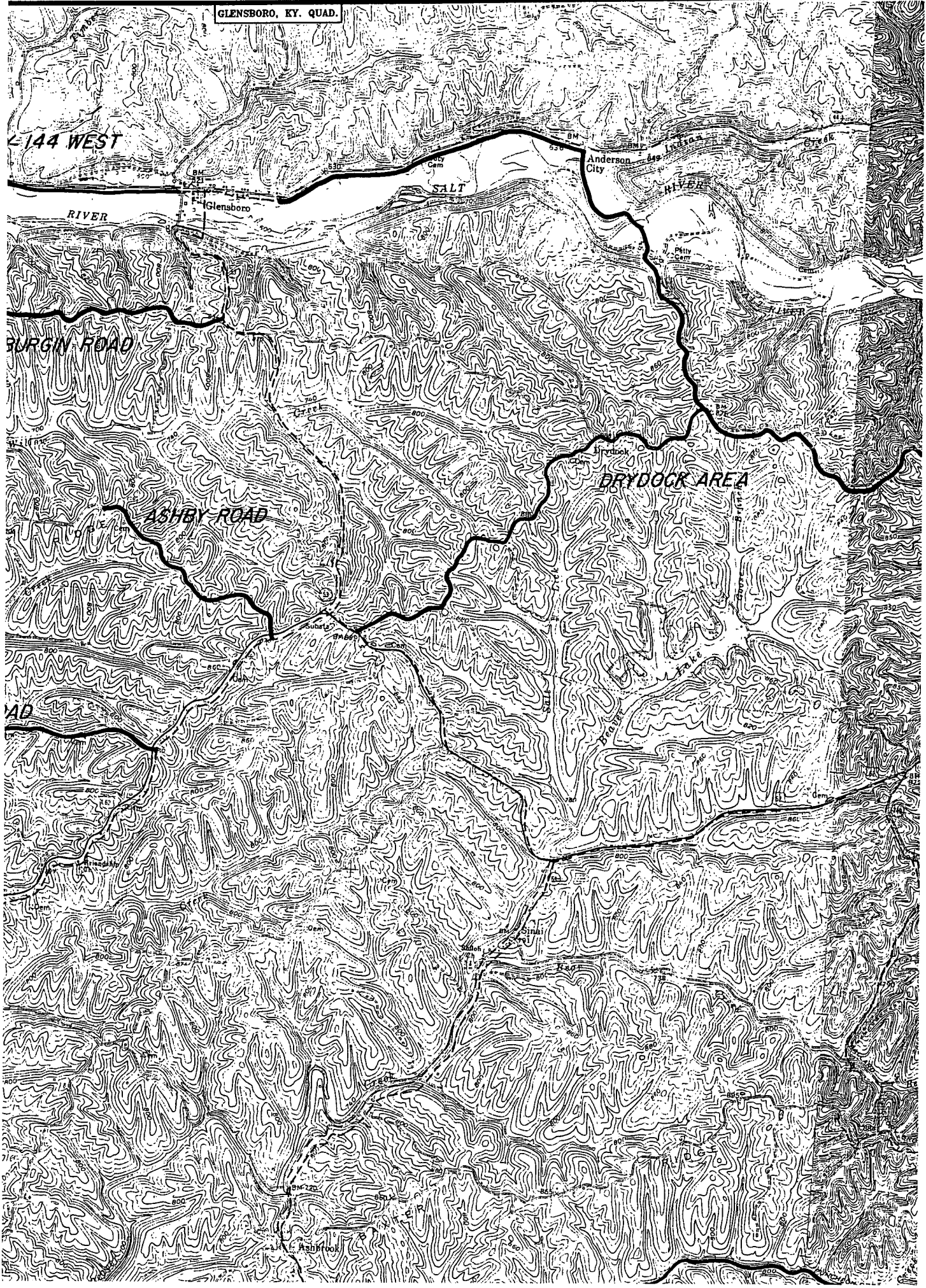
RIVER

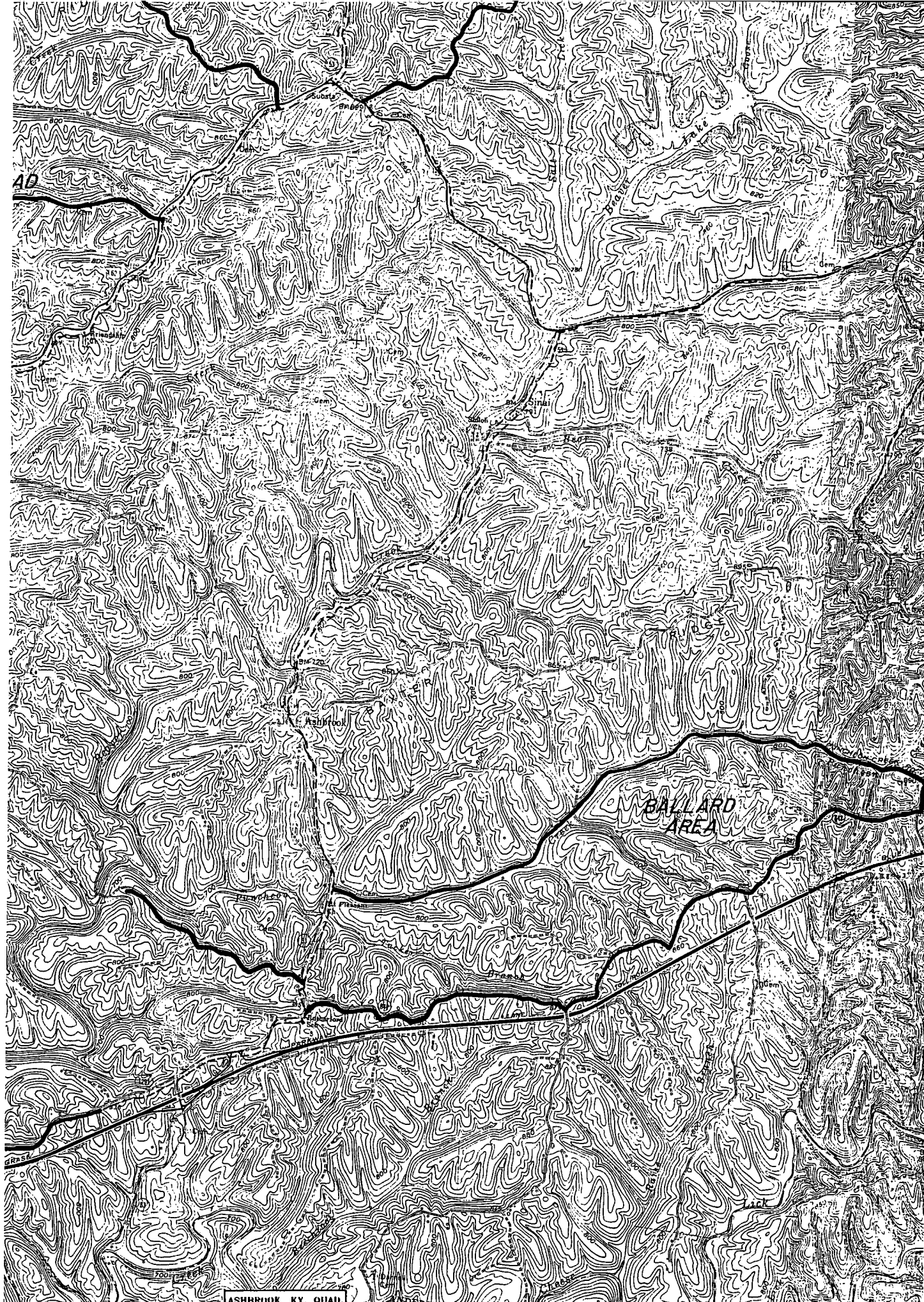
BURGIN ROAD

ASHBY ROAD

DRYDOCK AREA

AD

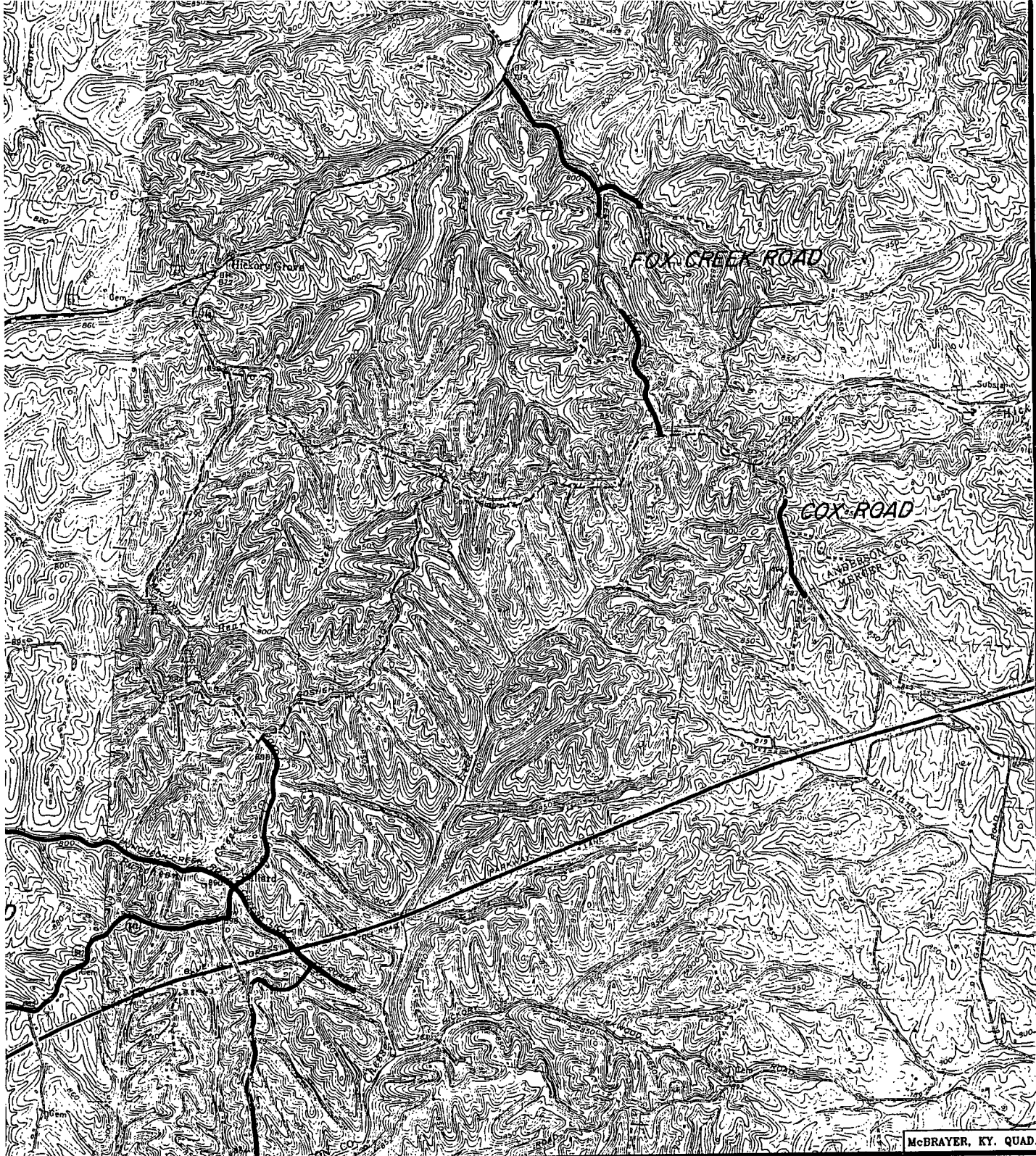




ASHBROOK, KY. QUAD.







McBRAYER, KY. QUAD.

**SOUTH ANDERSON WATER DISTRICT  
246 COURT STREET  
LAWRENCEBURG, KENTUCKY**

**PHASE 5 EXPANSION**

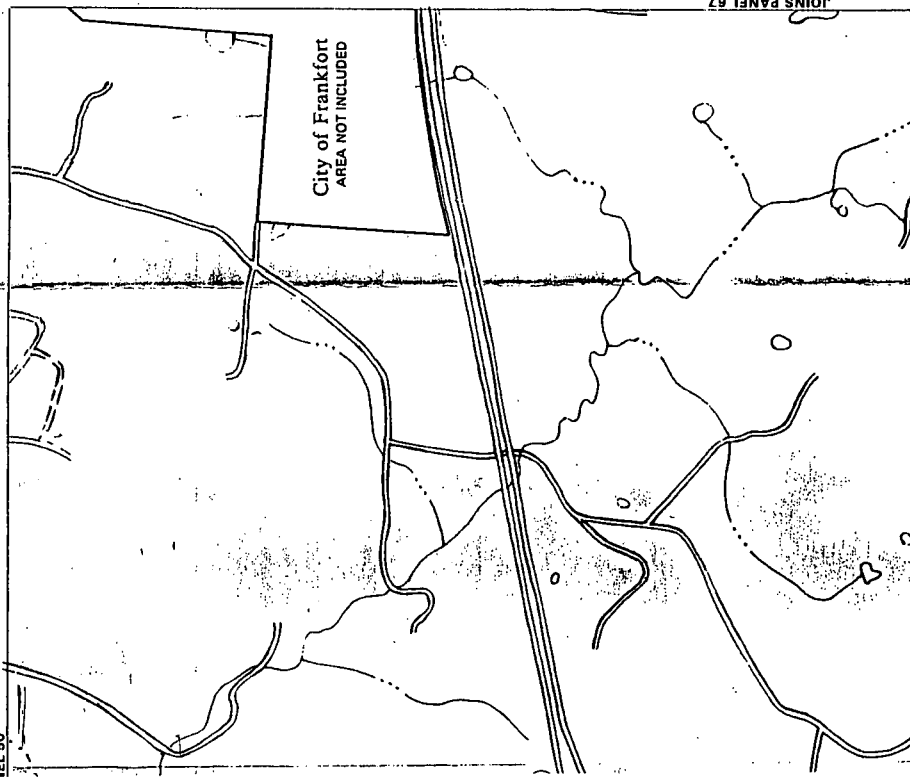


**KENVIRONS, INC.**

452 VERSAILLES ROAD, FRANKFORT, KENTUCKY  
(502) 695-4357

DRAWN BY	JKP	DATE	AUG., 1998	REVISED	
CHECKED BY		SCALE	1"=2000'	1	3
CHECKED BY	KDT	PROJECT NO.	90127	2	4

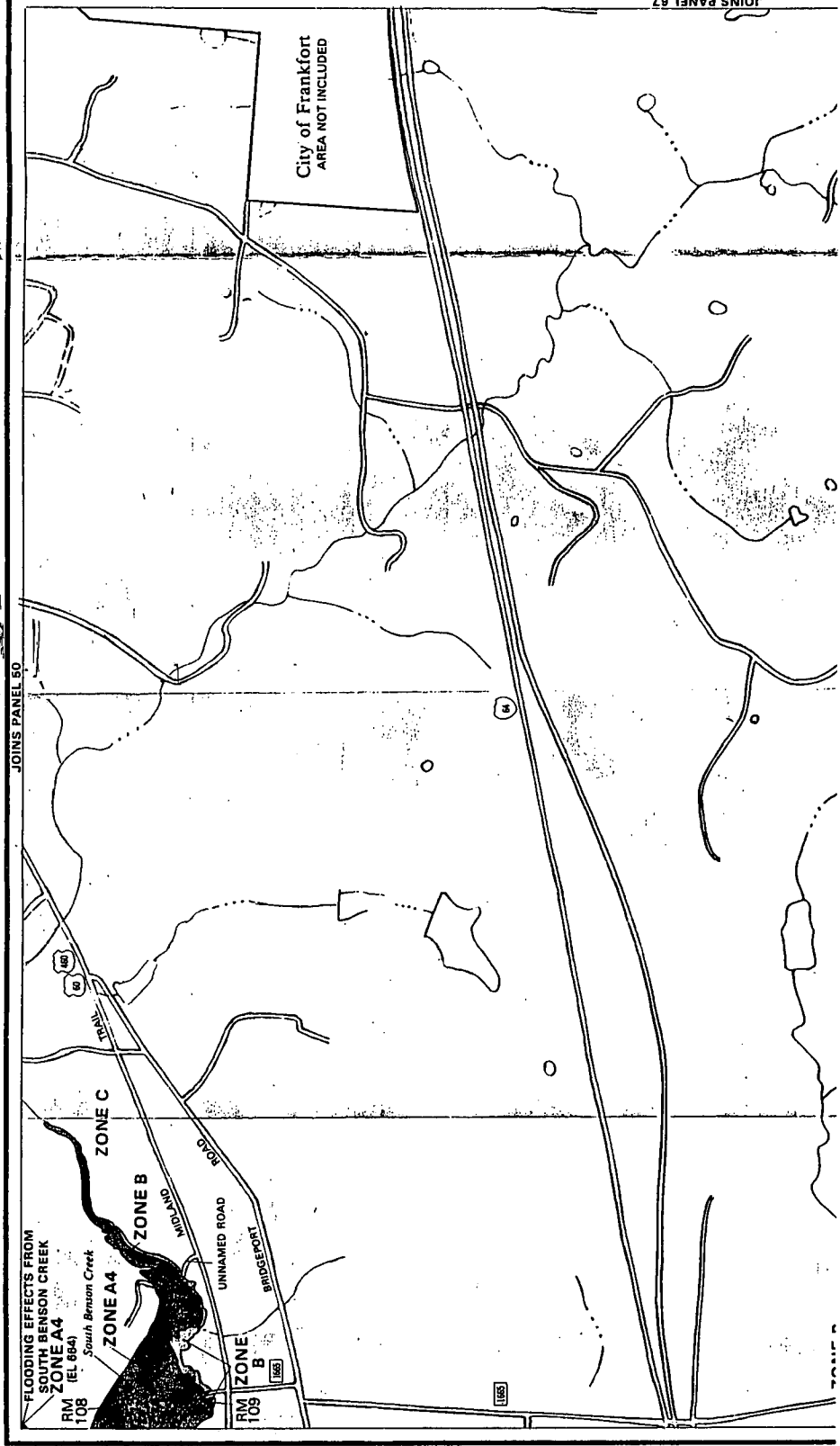
SHEET



JOINS PANEL 67

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FT. NGVD)	DESCRIPTION OF LOCATION
RM 108	674.45	40d nail in a 15" elm tree, on the southwest bank of South Benson Creek, behind a house, 1840' downstream the U.S. Highway 60 Bridge, and 840' downstream from County Road 1665 Bridge over South Benson Creek.
RM 109	683.21	Painted square on the northwest corner, upstream side of County Road 1665 Bridge abutment over South Benson Creek, 1000' downstream from the U.S. Highway 60 Bridge over South Benson Creek.
RM 138	740.59	40d nail in a 6" tree, on the southwest bank of South Benson Creek, (Fairdale Branch), 10' downstream from a "Ford" inside creek, and 2220' downstream from a private drive bridge over said creek, and 7760' from the confluence of South Benson Creek (Main Creek).
RM 139	746.91	40d nail in a 20" maple tree, on the south bank of South Benson Creek (Fairdale Branch), 810' downstream from a private drive bridge over said creek, and 9180' from the confluence of South Benson Creek. (Main Creek).
RM 140	748.48	Chiseled square on the southeast corner of a bridge abutment on a private drive over South Benson (Fairdale Branch), 1900' north of Green Wilson Road.
RM 141	750.48	40d nail in a 20" trunk tree, on the south bank of South Benson Creek (Fairdale Branch), 1280' upstream from a farm road bridge over said creek, and 1500' north of Green Wilson Road.
RM 142	756.43	40d nail in a 20" sycamore tree, on the southwest bank of South Benson Creek (Fairdale Branch), 1400' downstream from Farmers Lane bridge over said creek, and 900' north of Green Wilson Road.
RM 143	762.01	40d nail in a power pole, on the northwest bank of South Benson Creek (Fairdale Branch), and northeast of Farmers Lane bridge



FLOODING EFFECTS FROM  
SOUTH BENSON CREEK  
ZONE A4  
RM 108 (EL 884)  
South Benson Creek

ZONE A4

ZONE B

ZONE C

RM 108

UNNAMED ROAD

BRIDGEPORT ROAD

INDIAN ROAD

TANK

City of Frankfort  
AREA NOT INCLUDED

JOINS PANEL 50

50

465

105

105

TRAIL

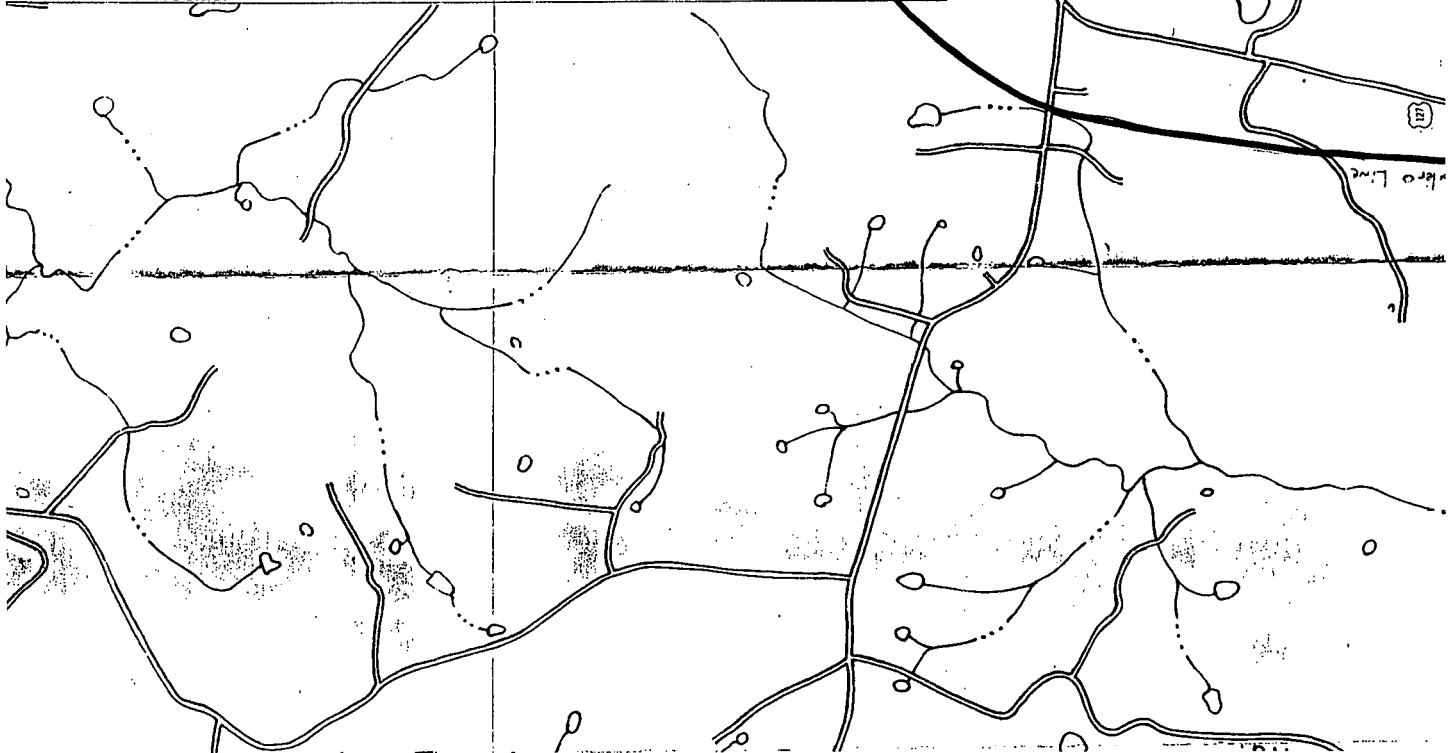


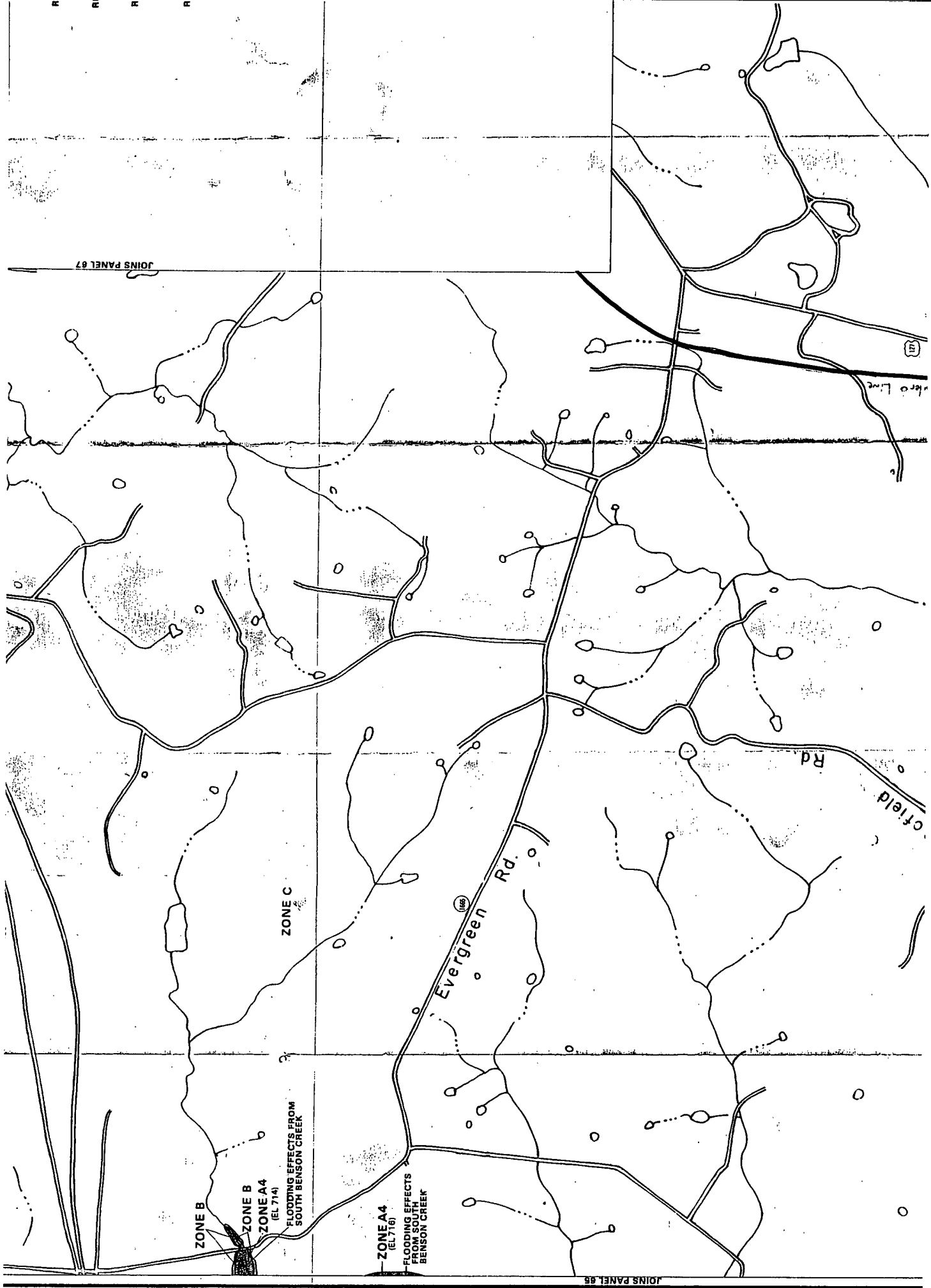
bridge over said creek, and 9180' from the confluence of South Benson Creek. (Main Creek).  
 Chiseled square on the southeast corner of a bridge abutment on a private drive over South Benson (Fairdale Branch), 1900' north of Green Wilson Road.  
 40d nail in a 20" tri-trunk tree, on the south bank of South Benson Creek (Fairdale Branch), 1280' upstream from a farm road bridge over said creek, and 1500' north of Green Wilson Road.  
 40d nail in a 20" sycamore tree, on the southwest bank of South Benson Creek (Fairdale Branch), 1400' downstream from Farmers Lane bridge over said creek, and 900' north of Green Wilson Road.  
 40d nail in a power pole, on the northwest bank of South Benson Creek (Fairdale Branch), and northeast of Farmers Lane bridge over said creek, and 1450' northwest of Green Wilson Road.

RM 140	748.48
RM 141	750.48
RM 142	756.43
RM 143	762.01

JOINS PANEL 67

JOINS PANEL 67





JOINS PANEL 67

ZONE B

ZONE B  
ZONE A4  
(EL 714)  
FLOODING EFFECTS FROM  
SOUTH BENSON CREEK

ZONE C

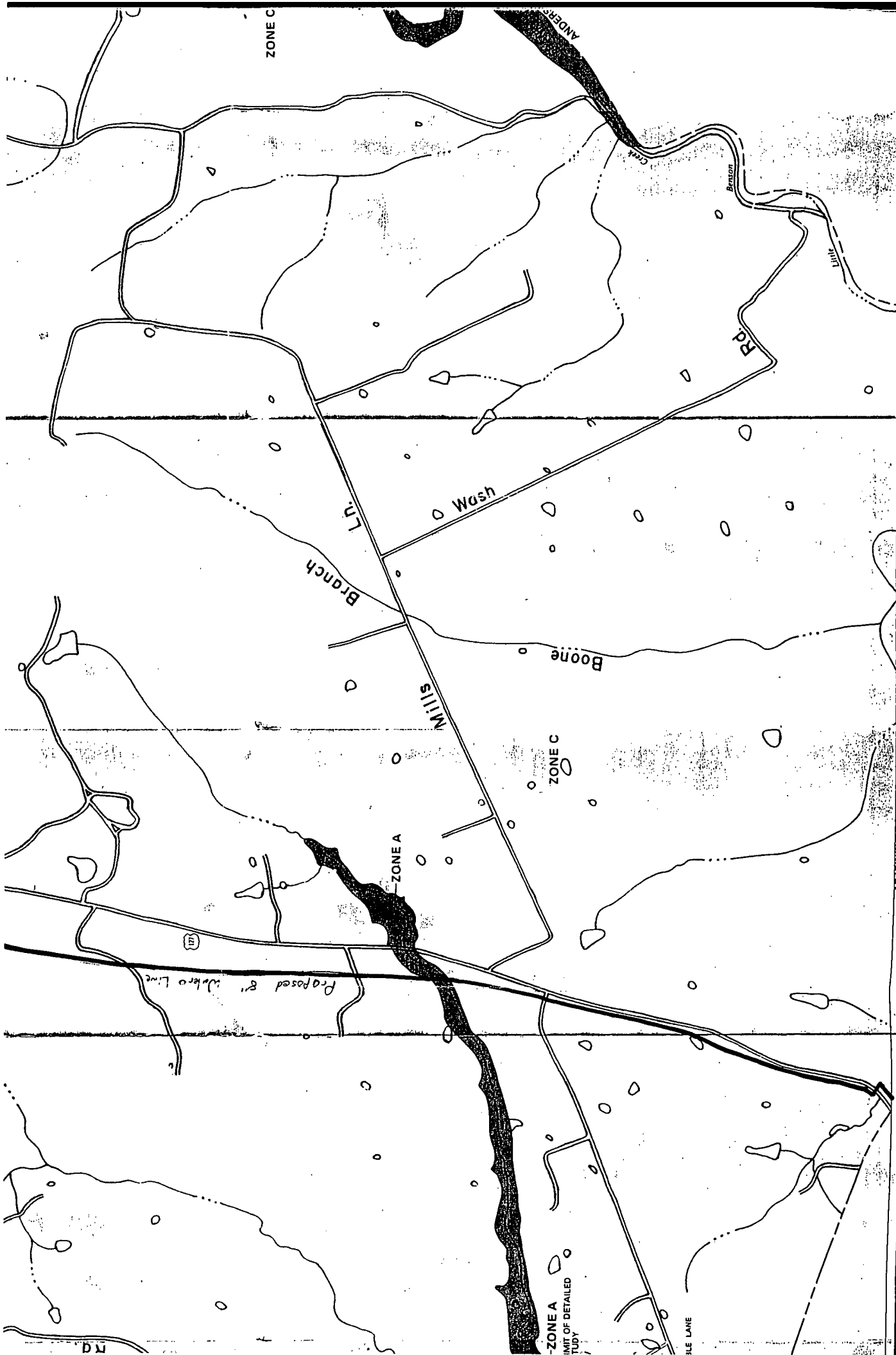
ZONE A4  
(EL 716)  
FLOODING EFFECTS  
FROM SOUTH  
BENSON CREEK

Evergreen Rd.

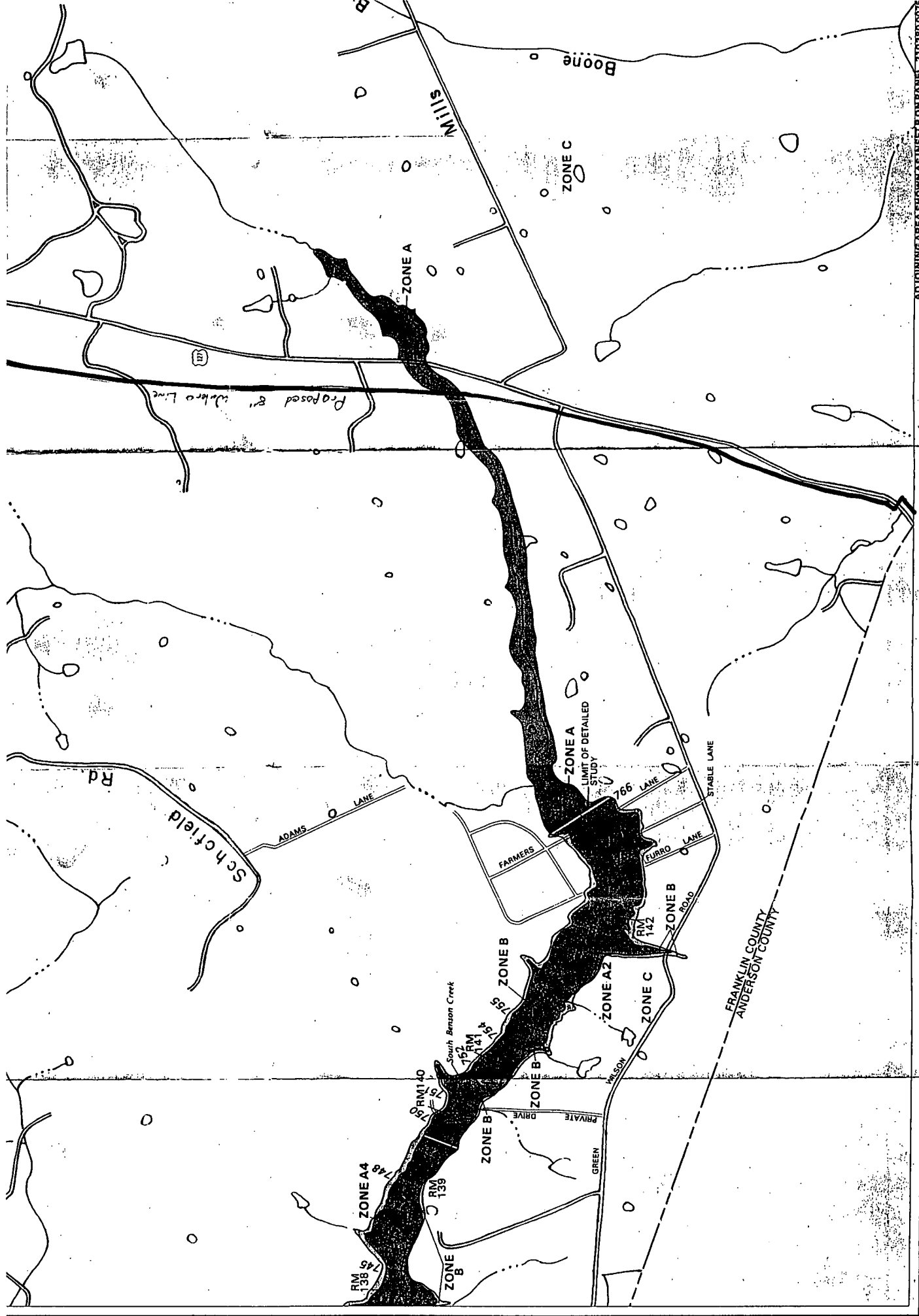
cfield Rd.

Water Line

JOINS PANEL 65



ADJOINING AREA SHOWN AS INSET ON PANEL 210280 0075B





**FLOOD INSURANCE RATE MAP**

ANDERSON  
COUNTY,  
KENTUCKY  
(UNINCORPORATED AREAS)

**MAP INDEX**

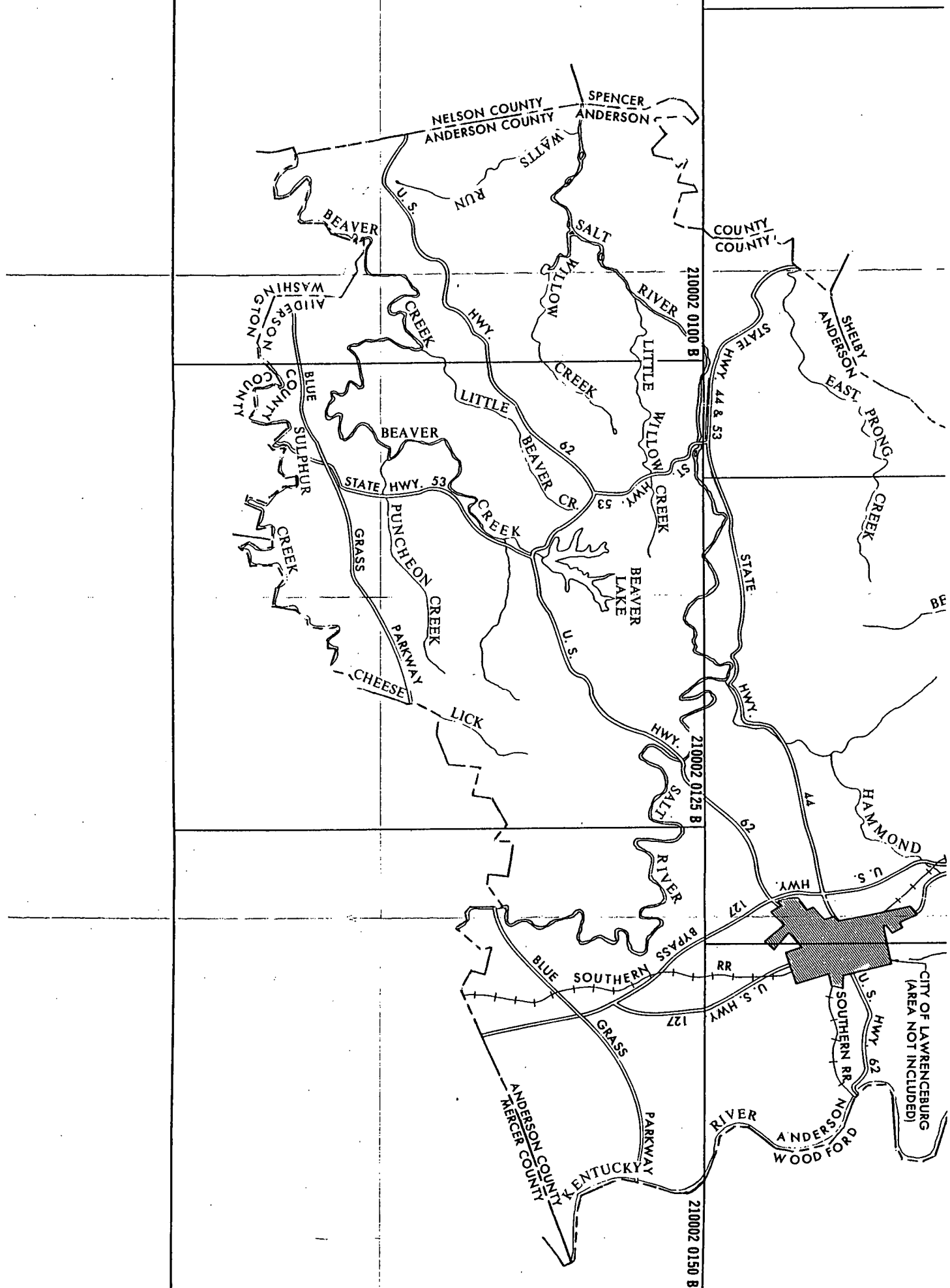
PANELS PRINTED: 25, 50, 75, 100,  
125, 150

COMMUNITY-PANEL NUMBERS  
210002 0001-0150

EFFECTIVE DATE:  
MAY 15, 1986



Federal Emergency Management Agency



NELSON COUNTY  
ANDERSON COUNTY

SPENCER  
ANDERSON

COUNTY  
COUNTY

WASH  
ANDERSON  
COUNTY

SHELBY  
ANDERSON  
EAST PRONG  
CREEK

BLUE  
SULPHUR  
CREEK

BEAVER  
CREEK  
STATE HWY. 53  
PUNCHION  
CREEK

LITTLE  
BEAVER CR.  
62  
53

LITTLE  
WILLOW  
CREEK

BEAVER  
LAKE

GRASS  
PARKWAY  
CHEESE

LICK

STATE  
HWY.

HWY. 62  
210002 0125 B

HAMMOND

U.S.

AMH

CITY OF LAWRENCEBURG  
(AREA NOT INCLUDED)

BLUE  
SOUTHERN  
BYPASS

RR

U.S. HWY. 127

ANDERSON COUNTY  
MERCER COUNTY

GRASS

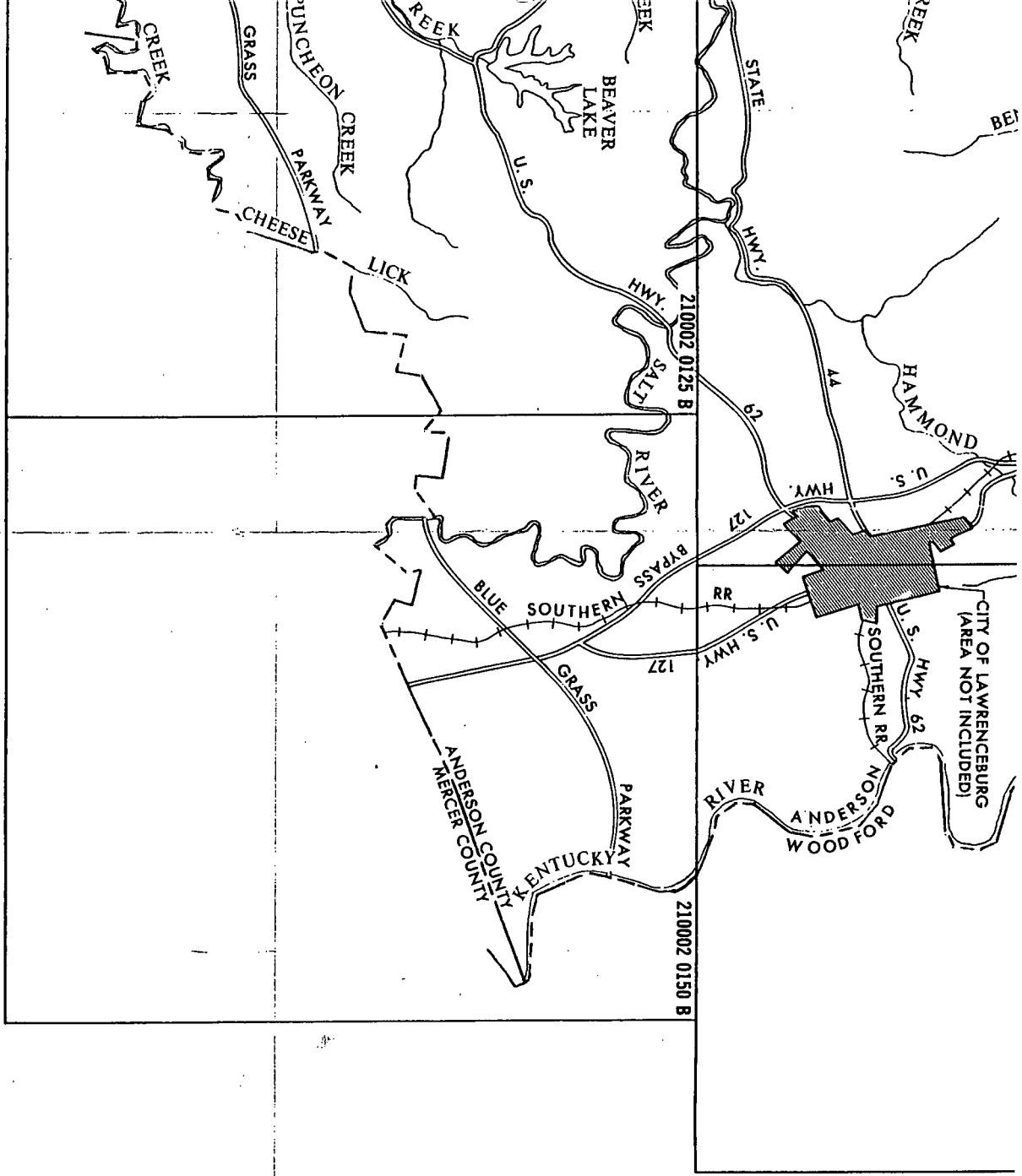
PARKWAY

KENTUCKY

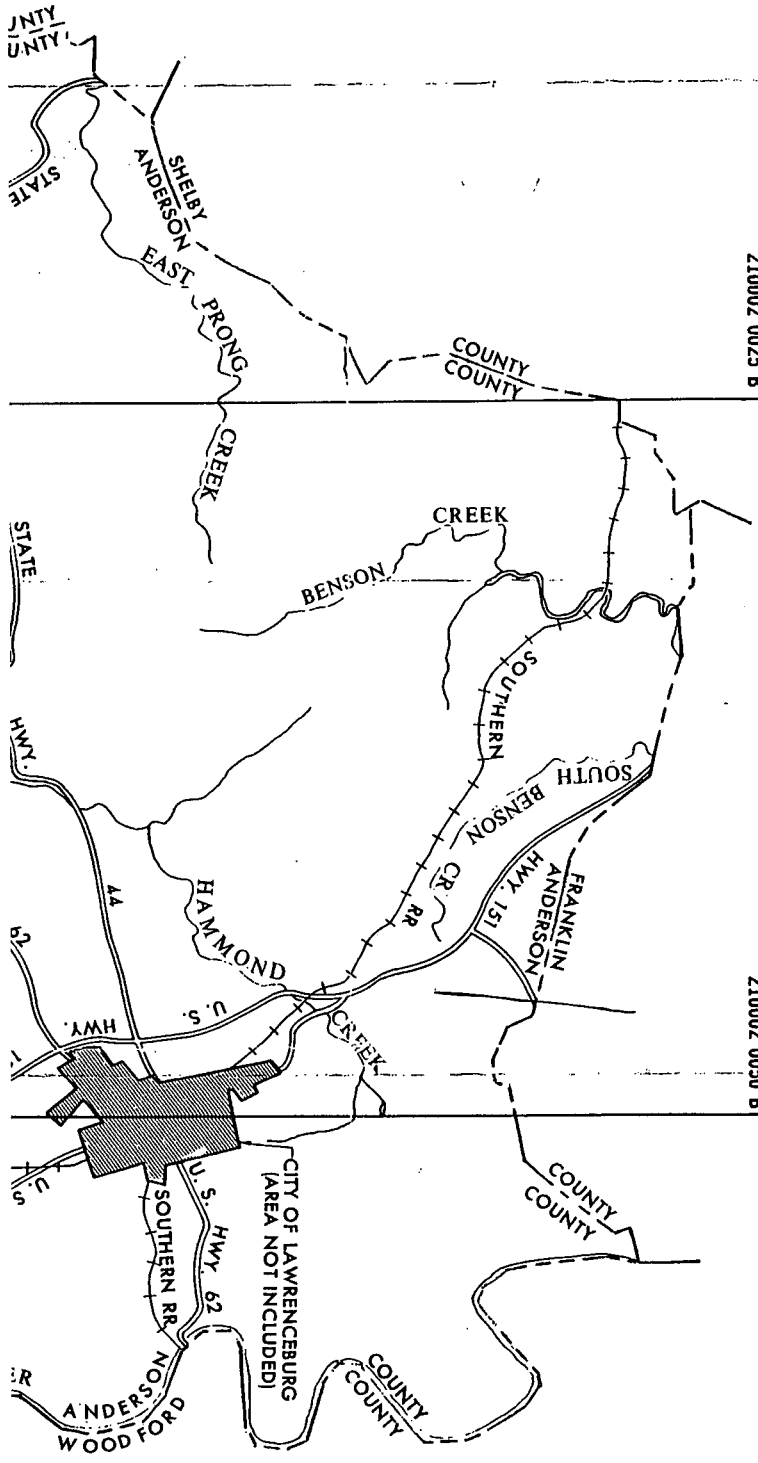
RIVER

ANDERSON  
WOOD FORD

210002 0150 B



<p>NATIONAL FLOOD INSURANCE PROGRAM</p>	
<p><b>FIRM</b></p>	
<p>FLOOD INSURANCE RATE MAP</p>	
<p>ANDERSON COUNTY, KENTUCKY (UNINCORPORATED AREAS)</p>	

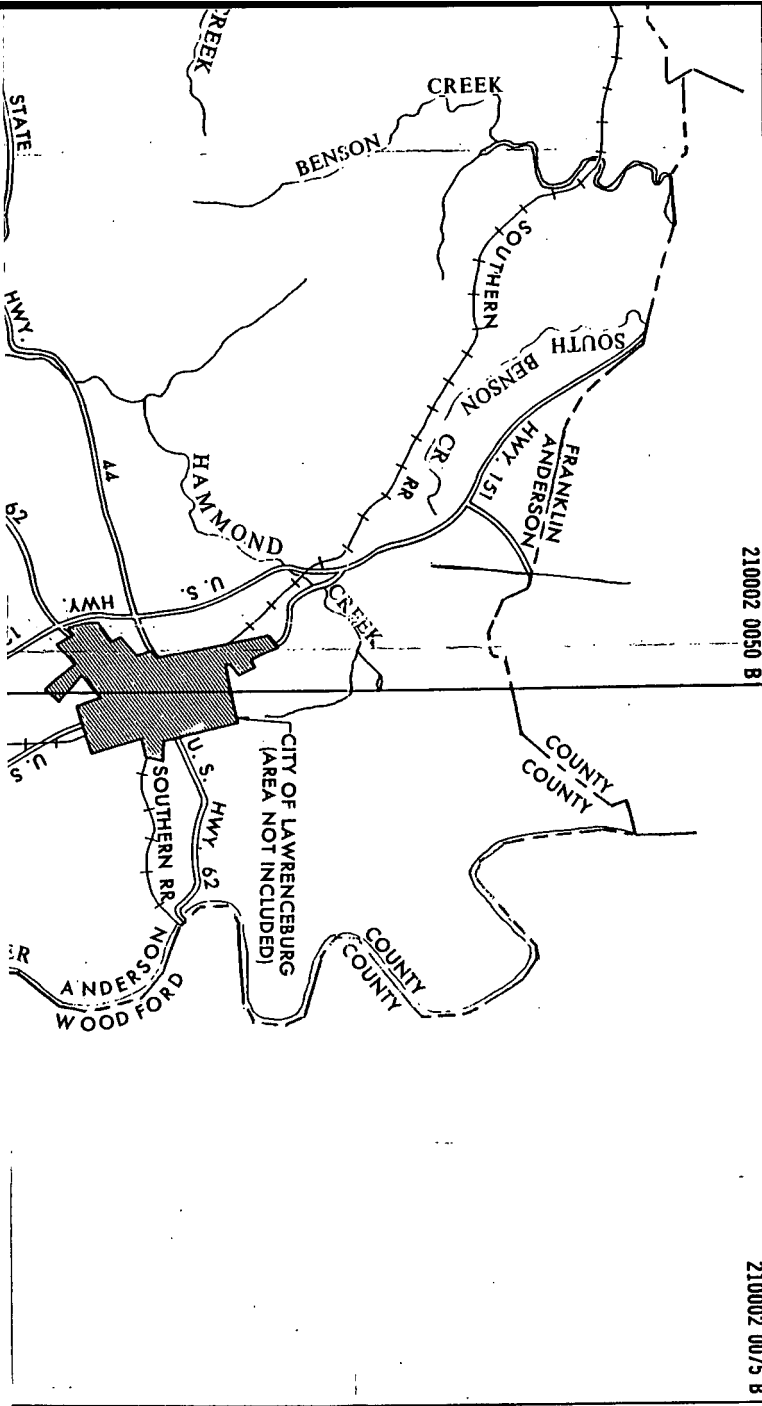


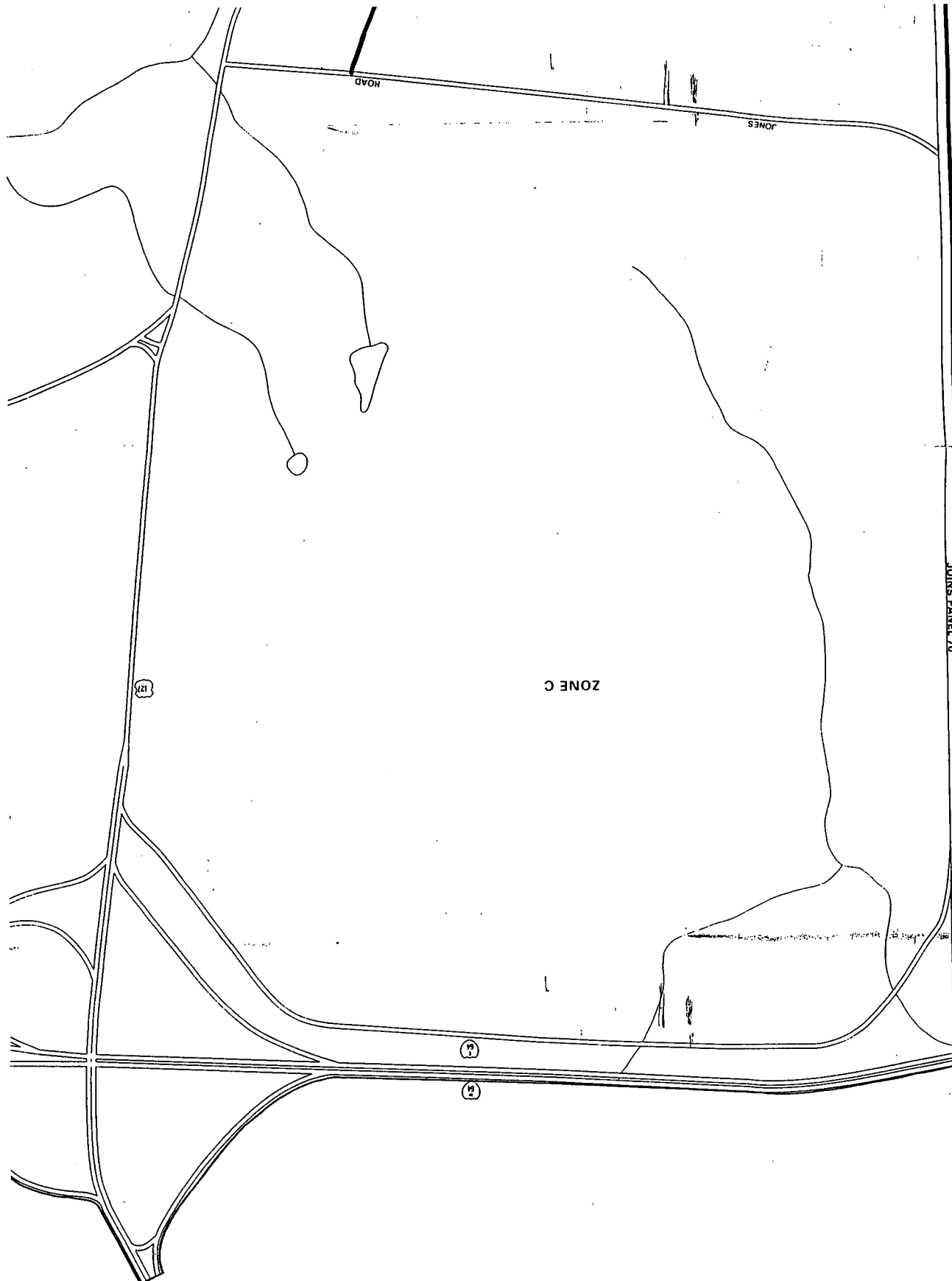
210002 0025 B

210002 0050 B

COMMUNITY - PANEL







ZONE C

JONES ROAD

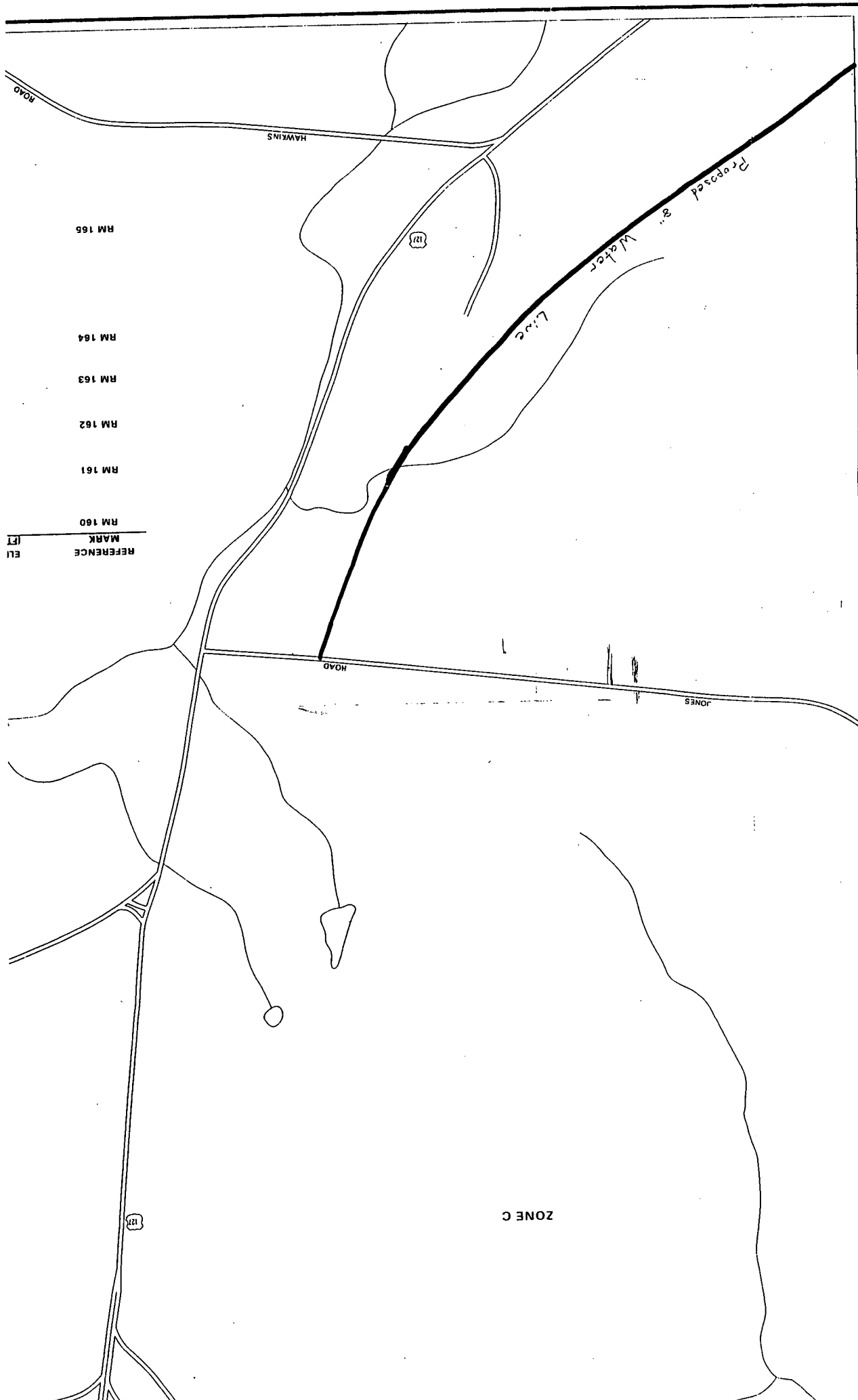
JONES

JOINS PANEL 70

123

12

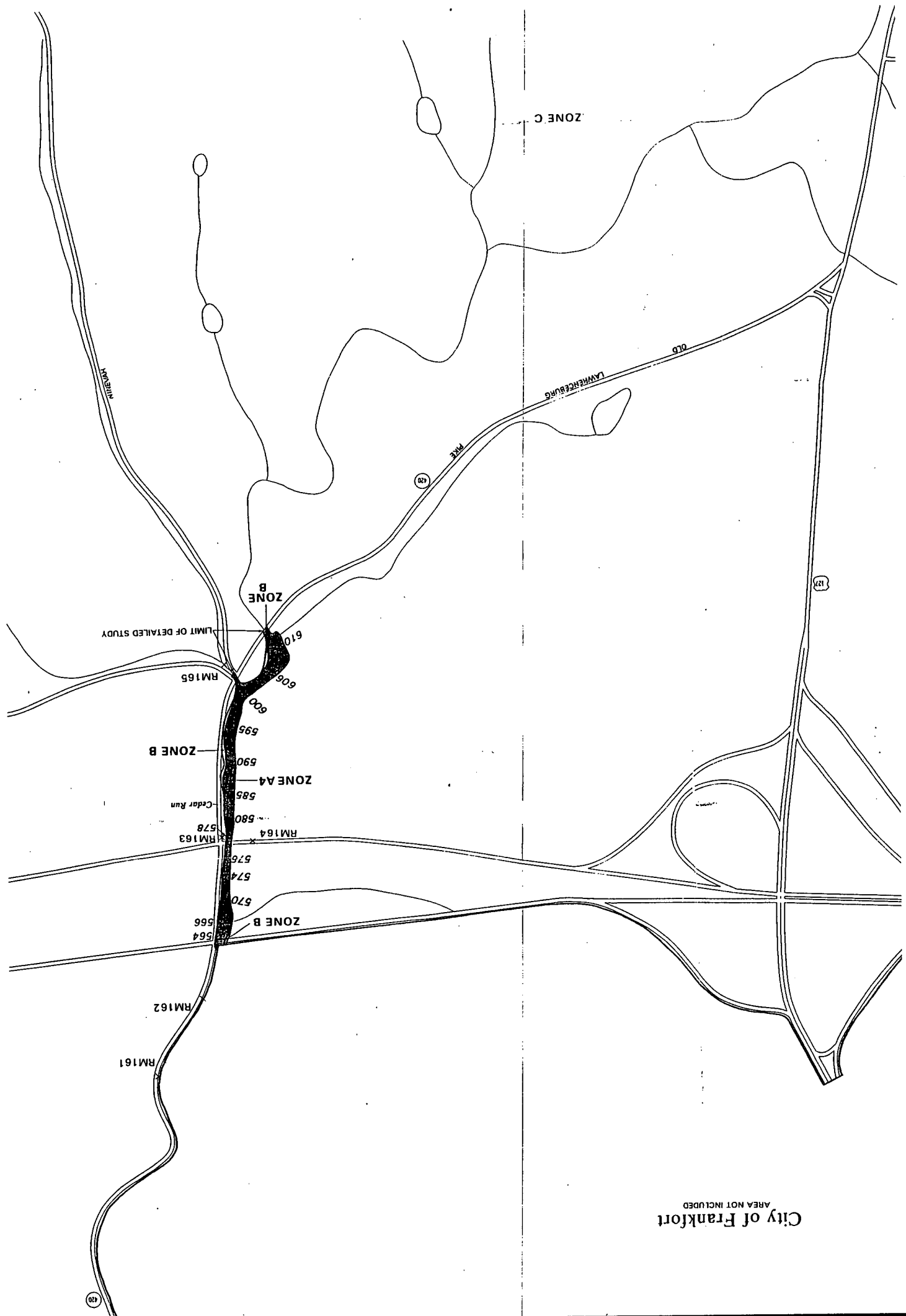
11



JOINS PANEL 70

ZONE C

ELI  
REFERENCE  
MARK  
| FT  
RM 160  
RM 161  
RM 162  
RM 163  
RM 164  
RM 165



ZONE C

RIVERVIEW

LAWRENCEBURG OLD

420

121

ZONE B

LIMIT OF DETAILED STUDY

610

RM165

606

600

ZONE B

595

ZONE A4

590

Cedar Run

585

580

RM163

578

576

574

570

564

566

570

RM162

RM161

City of Frankfort  
AREA NOT INCLUDED

420





60d nail in power pole #25, 50' southeast of intersection of Cedar Run and Old Lawrenceburg Pike, and 100' north of a stone house, and 2550' upstream from the confluence of Kentucky River.

60d nail in power pole #38, 40' west of centerline of Old Lawrenceburg Pike, and 950' downstream from Interstate Highway 64 west bound bridge over Cedar Run.

60d nail in power pole #41, on the east bank of Cedar Run and 345' downstream from Interstate Highway 64 West Bound bridge over Cedar Run.

Railroad spike in a power pole, on east bank of Cedar Run, 32' west of Old Lawrenceburg Pike (State Highway 420), under Interstate Highway 64 east bound bridge over Cedar Run.

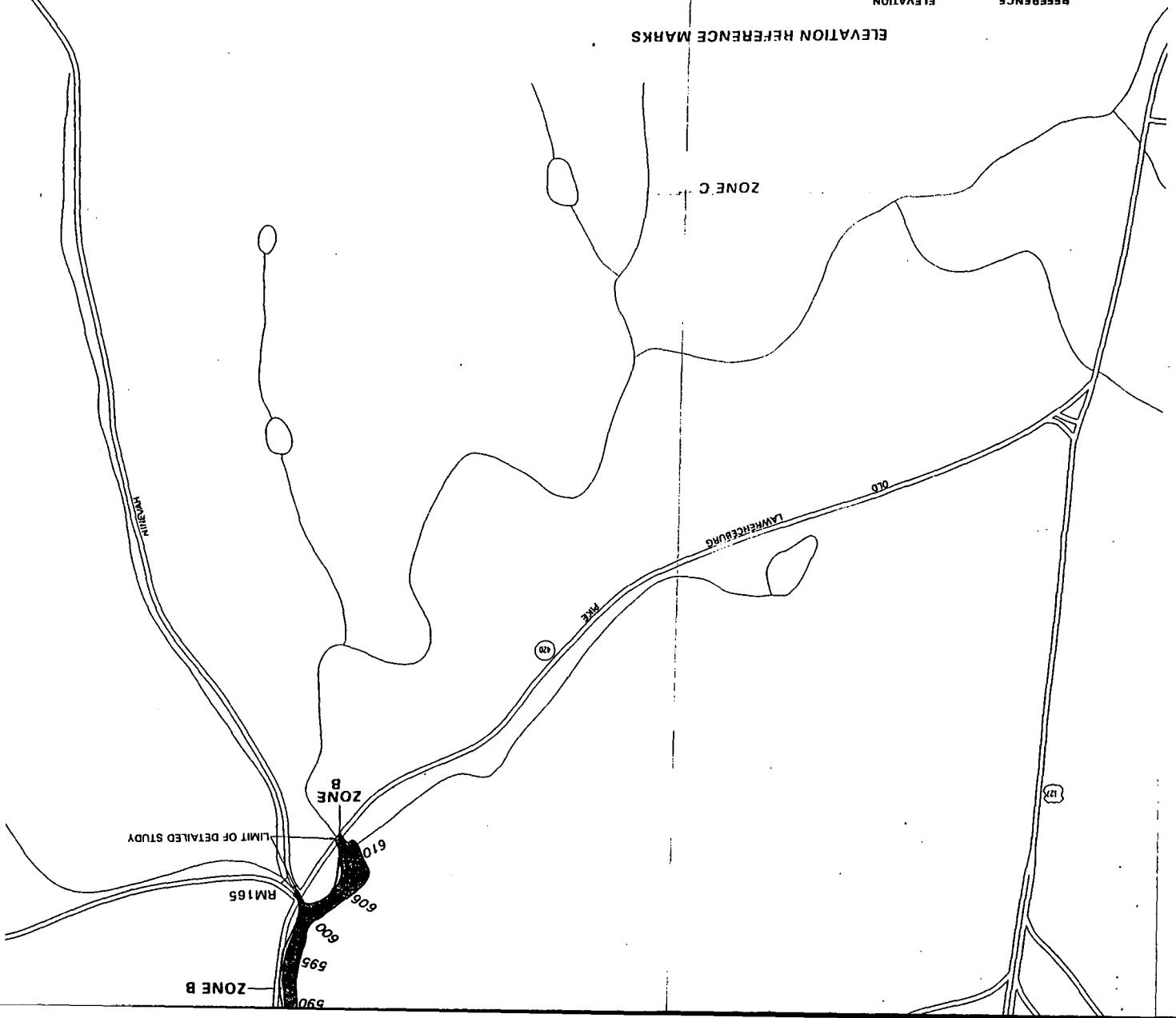
A Kentucky Department of Highways bench mark disk set in a drilled hole in the south curbing of Interstate Highway 64 east bound bridge over Cedar Run, about 0.6 miles east along Interstate Highway 64 from the Interstate Highway 64 and U.S. Highway 127 interchange. At mile post #54, 19' south of the center of east bound lane, and 7.5' northeast of mile post #54 and 2.2' south of east end of metal guard rail, and stamped L-64 L-44 1956.

A U.S.C. & G.S. standard disk along Old Lawrenceburg Pike (State Highway 420); 5.5 miles north of Minevash, at junction of said highway and Johnson Road; 50' south of centerline of Johnson Road, and 42' northeast of centerline Minevash Road; and 20' south-southeast of centerline of State Highway 420 at a stream crossing on the shoulder of highway, in a concrete post and stamped "T 70 JRH 1952 614".

REFERENCE MARK	ELEVATION (FT. NGVD)
RM 160	617.06
RM 161	647.79
RM 162	669.37
RM 163	677.39
RM 164	670.05
RM 165	613.64

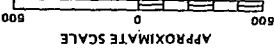
DESCRIPTION OF LOCATION

ELEVATION REFERENCE MARKS



FIRM

NATIONAL FLOOD INSURANCE



Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE DATE SHOWN ON THIS MAP TO DETERMINE WHEN ACTUARIAL RATES WERE ESTABLISHED. TO DETERMINE IF FLOOD INSURANCE IS AVAILABLE IN THIS COMMUNITY, CONTACT YOUR INSURANCE AGENT, OR CALL THE NATIONAL FLOOD INSURANCE PROGRAM AT (800) 638-6520.

FLOOD INSURANCE RATE MAP EFFECTIVE: SEPTEMBER 30, 1981

INITIAL IDENTIFICATION: JUNE 17, 1977

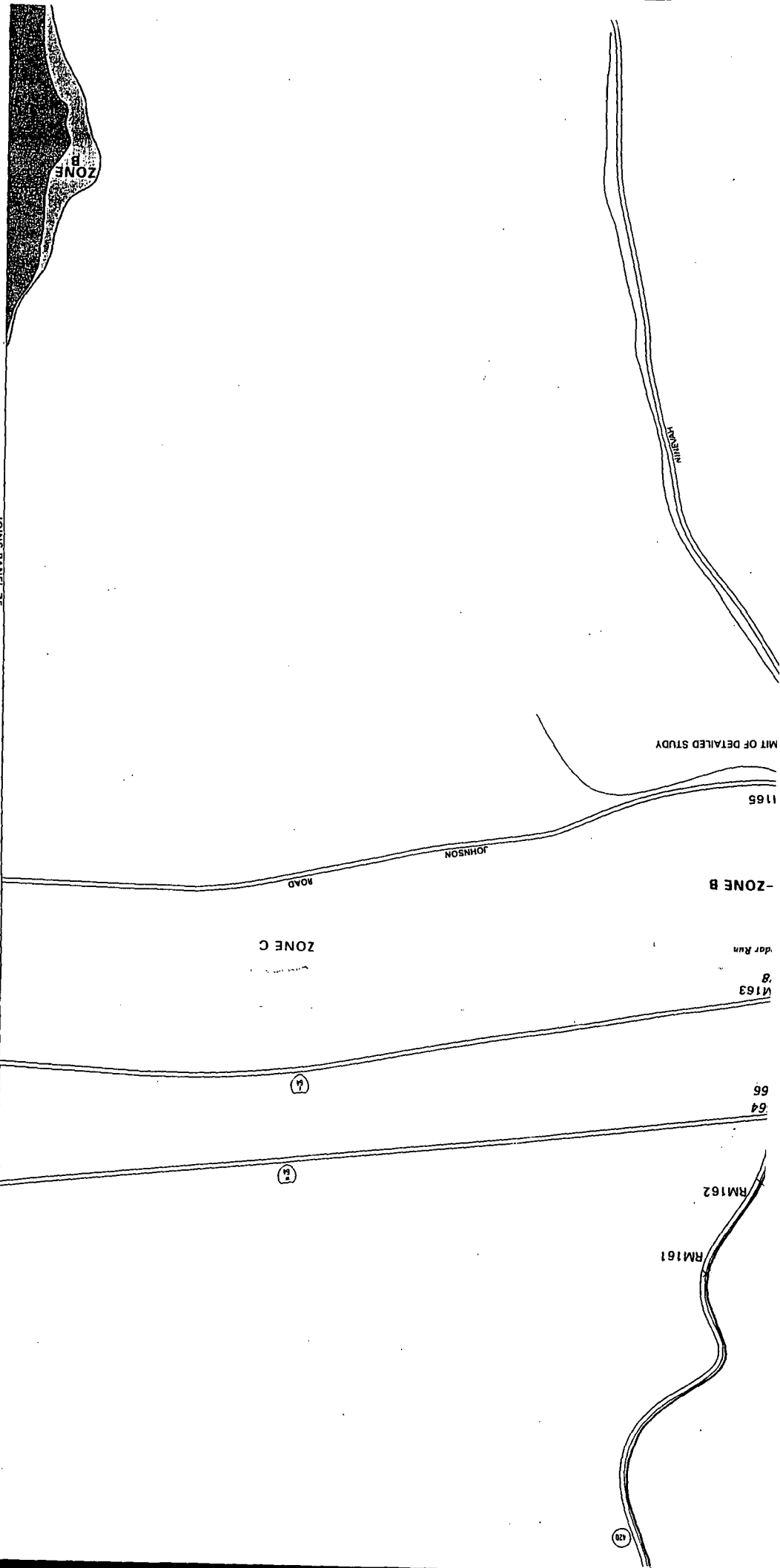
This map is for flood insurance purposes only; it does not show all areas subject to flooding in the community. It shows only areas that are subject to flooding. For adjoining map panels, see separately printed Index.

- EXPLANATION OF ZONE DESIGNATION**
- ZONE A**: Areas of 100-year flood; base flood elevation not determined.
  - AD**: Areas of 100-year shallow flooding where the average depth is less than one (1) foot and the average depth is less than one (1) foot.
  - AH**: Areas of 100-year shallow flooding where the average depth is less than one (1) foot and the average depth is less than one (1) foot.
  - A1-A30**: Areas of 100-year flood; base flood elevation not determined.
  - AB9**: Areas of 100-year flood to be protected by protection system under construction; base flood elevation not determined.
  - B**: Areas between limits of the 100-year flood and the 100-year flood; base flood elevation not determined.
  - C**: Areas of minimal flooding (No shading) (Medium shading) (Areas protected by levees from the base flood; or areas protected by levees from the base flood).
  - D**: Areas of undetermined, but possible, flood hazard.
  - V**: Areas of 100-year coastal flood with velocity not determined.
  - V1-V30**: Areas of 100-year coastal flood with velocity not determined.

\*\*Referenced to the National Geodetic Vertical Datum of 1987

- Base Flood Elevation in Feet (E1, E87)
- Where Uniform Within Zone
- Elevation Reference Mark (RM7X)
- River Mile (M1.5)

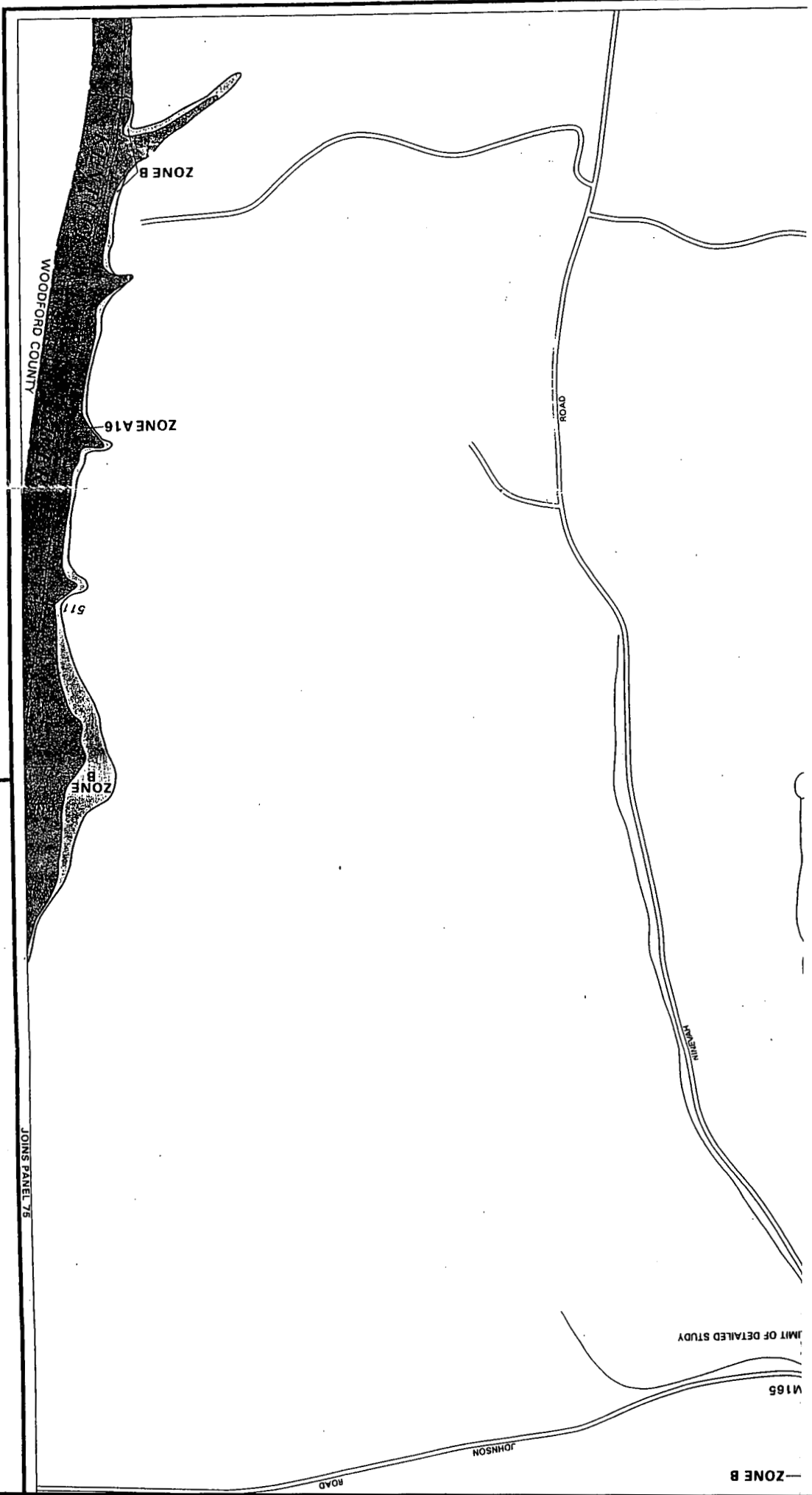
JOHN'S PANEL 75



—ZONE B

M165

LIMIT OF DETAILED STUDY



JOHNSON ROAD

WOODFORD COUNTY ROAD

ZONE B

ZONE A16

ZONE B

511

ROAD

MULEKIN RIVER

INITIAL IDENTIFICATION: JUNE 17, 1977

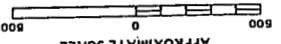
FLOOD INSURANCE RATE MAP EFFECTIVE: SEPTEMBER 30, 1981

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE DATE SHOWN ON THIS MAP TO DETERMINE WHEN ACTUARIAL RATE STRUCTURES IN THE ZONES WHERE ELEVATIONS OR DEPTHS ARE ESTABLISHED.

To determine if flood insurance is available in this area, contact your insurance agent, or call the National Flood Insurance Program at (800) 638-6620.



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE

FIRM

FLOOD INSURANCE R.A.

FRANKLIN COUNTY KENTUCKY

(UNINCORPORATED AREA)

PANEL 67 OF 75

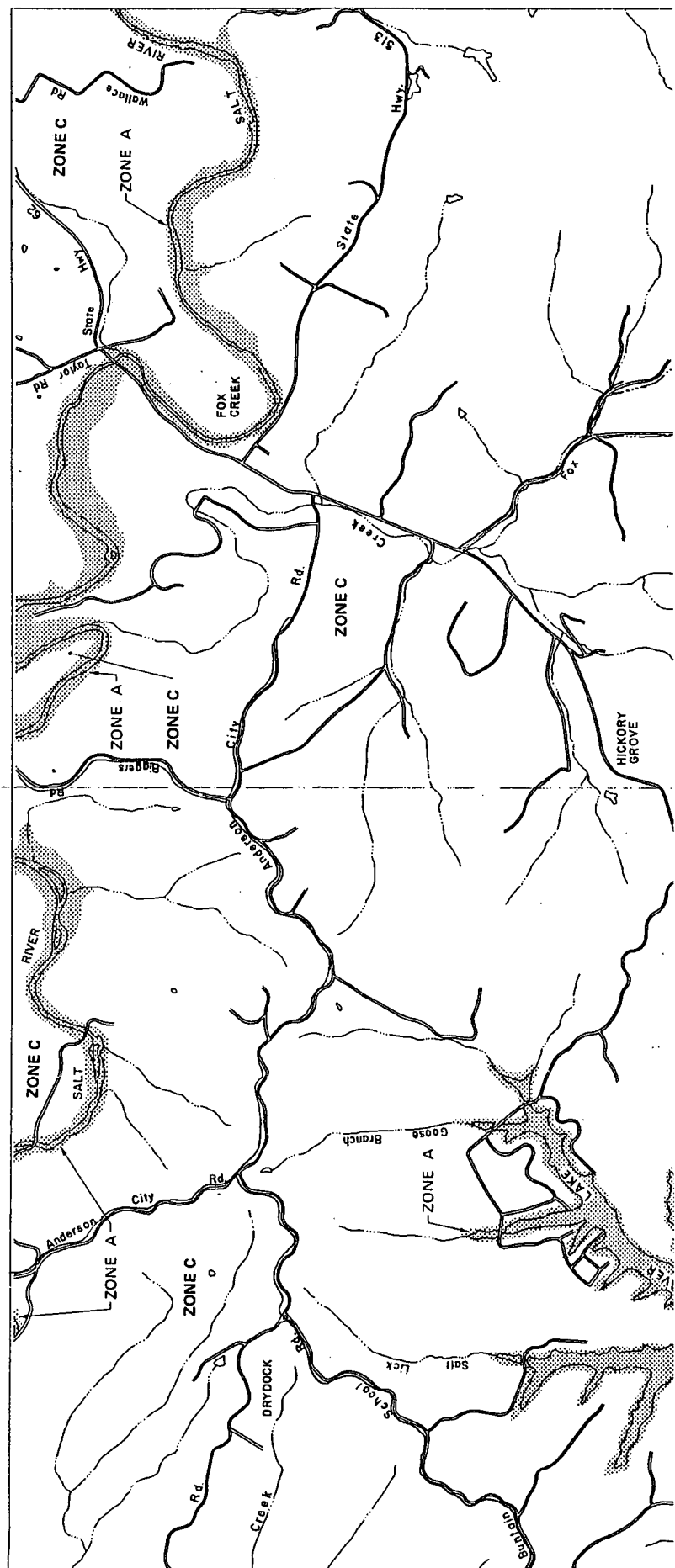
(SEE MAP INDEX FOR PANELS NOT SHOWN)

COMMUNITY-PANEL 2102

EFFECTIVE DATE: SEPTEMBER 1981



federal emergency management agency



KEY-T

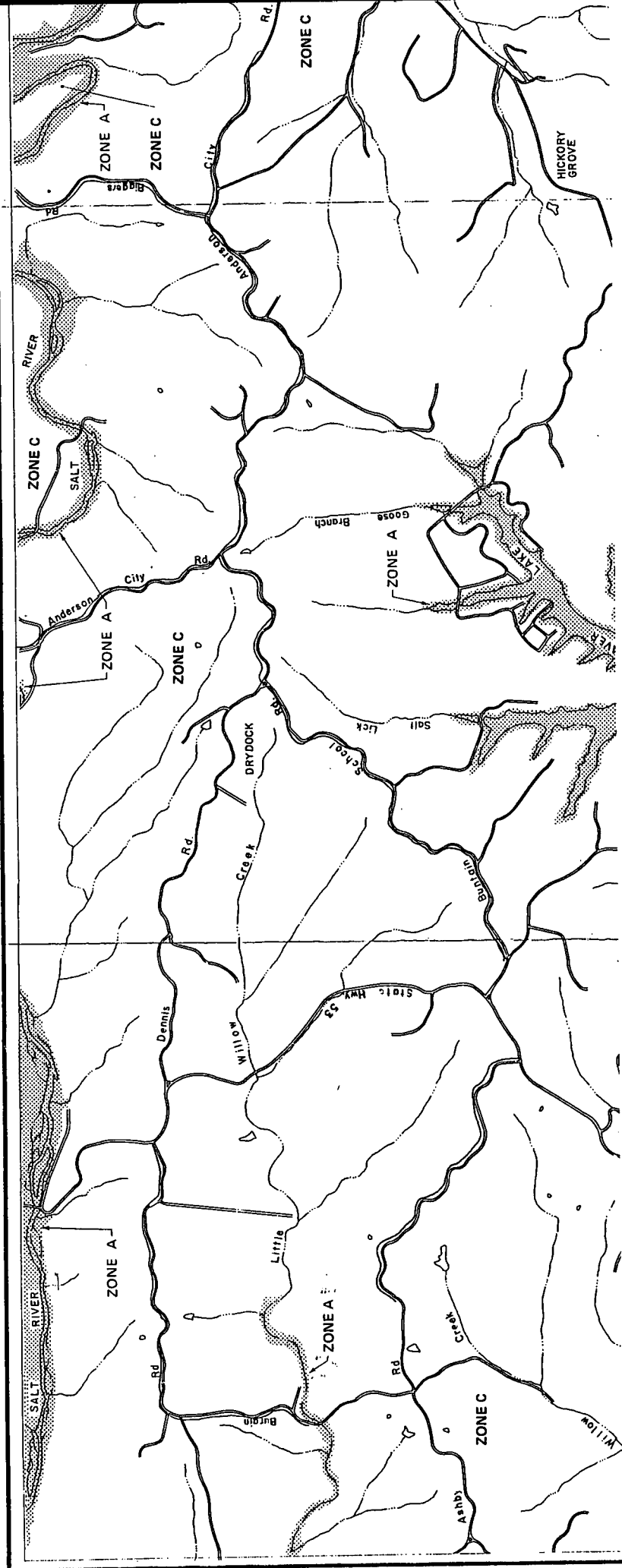
Zone Designations\*

Base Flood Elevation Line With Elevation in Feet\*\*  
 Base Flood Elevation in Feet Where Uniform Within Zone\*\*  
 Elevation Reference Mark  
 Zone D Boundary  
 River Mile  
 \*\*Referenced to the National Geodetic Vertical Datum of 1985

\*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood hazard factors are between one (1) or inundation are as determined.
AD	Areas of 100-year flood hazard factors are between one (1) or inundation are as determined.
AH	Areas of 100-year flood hazard factors are between one (1) or inundation are as determined.
A1-A30	Areas of 100-year flood hazard factors are between one (1) or inundation are as determined.
IA99	Areas of 100-year flood hazard factors are between one (1) or inundation are as determined.
B	Areas between limiting year flood; or certain with average depth of feet; or areas protected; or areas protected.





Areas of 100-year flood hazard factors are between one (1) and two (2) feet above the base flood elevation are shaded in light gray. Areas of 100-year flood hazard factors are between one (1) and two (2) feet above the base flood elevation are shaded in light gray. Areas of 100-year flood hazard factors are between one (1) and two (2) feet above the base flood elevation are shaded in light gray.

**NOTES**

Certain areas not in the special protection system may be protected by flood control works. This map is for flood insurance purposes only and does not show all areas subject to flooding. For adjoining map panels, see the adjacent map panels.

INITIAL ID: OCTOBER 1983  
 FLOOD HAZARD BOB: JUNE 1983

FLOOD INSURANCE: MAY 1983  
 FLOOD INSURANCE: MAY 1983

To determine if flood insurance is available for your property, contact your insurance agent. Program, at (800) 638-6620.





To determine if flood insurance contact your insurance agent, Program, at (800) 638-6620.

APPROX:

2000

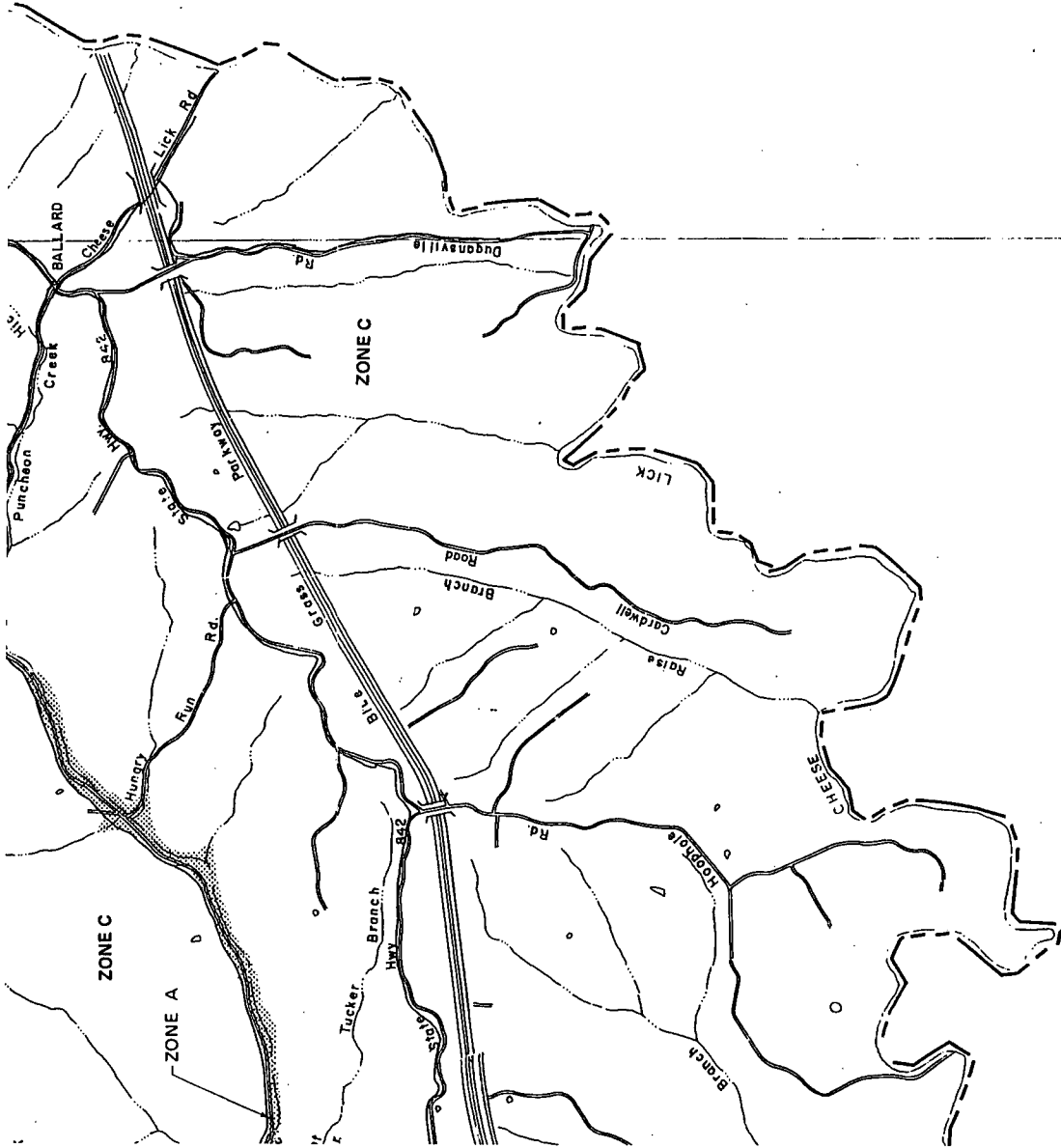
NATIONAL

FIRE FLOOD

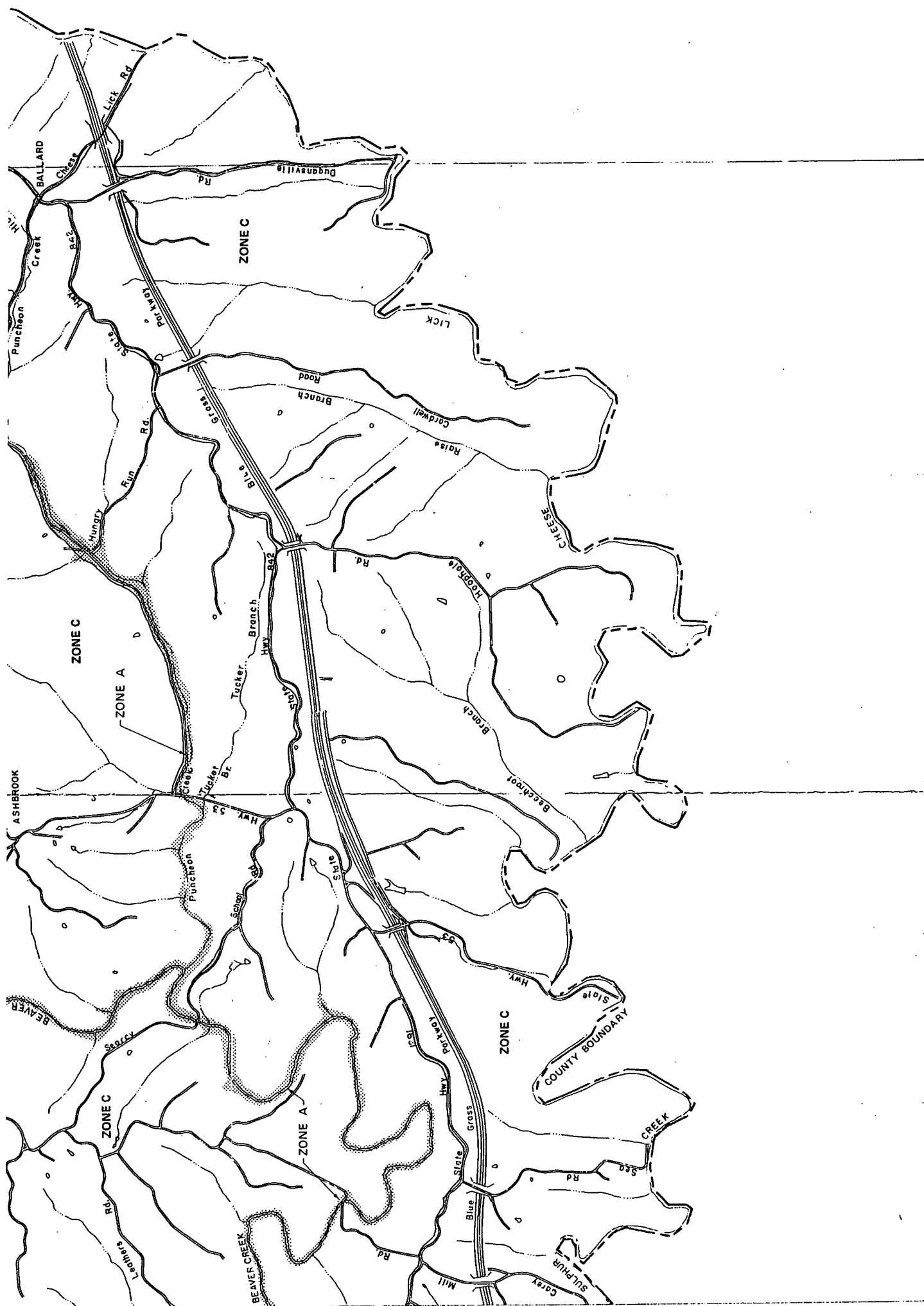
AND COUNTY KENT (UNINC)

PANEL 1

CO







KE

Zone Designations\*

Base Flood Elevation Line  
With Elevation in Feet\*\*

Base Flood Elevation in Feet  
Where Uniform Within Zone

Elevation Reference Mark

Zone D Boundary

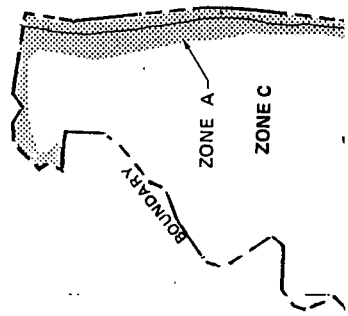
River Mile

\*\*Referenced to the National

Water Elevation Datum

\*EXPLANATION

ZONE	EXPLANATION
A	Areas of 100-yr flood hazard fact.
A0	Areas of 100-yr flood hazard fact. between one and two miles from the flood hazard fact. are determined.
AH	Areas of 100-yr flood hazard fact. between one and two miles from the flood hazard fact. are determined.
A1-A30	Areas of 100-yr flood hazard fact. between one and two miles from the flood hazard fact. are determined.
A99	Areas of 100-yr flood hazard fact. between one and two miles from the flood hazard fact. are determined.
B	Areas between 100-yr flood hazard fact. and 500-yr flood hazard fact. are determined.



- A Areas of 100-yr flood hazard fact
- A0 Areas of 100-yr flood hazard fact are between one or more of the above areas as determined.
- AH Areas of 100-yr flood hazard fact are between one or more of the above areas as determined.
- A1-A30 Areas of 100-yr flood hazard fact
- A99 Areas of 100-yr protection system elevations and flood year flood; or ceiling with average c... (Medium shading)
- B Areas between 100-yr flood; or ceiling with average c... (Medium shading)
- C Areas of minimal flood hazard fact
- D Areas of unwater
- V Areas of 100-yr action; base flood not determined.
- V1-V30 Areas of 100-yr action; base flood determined.

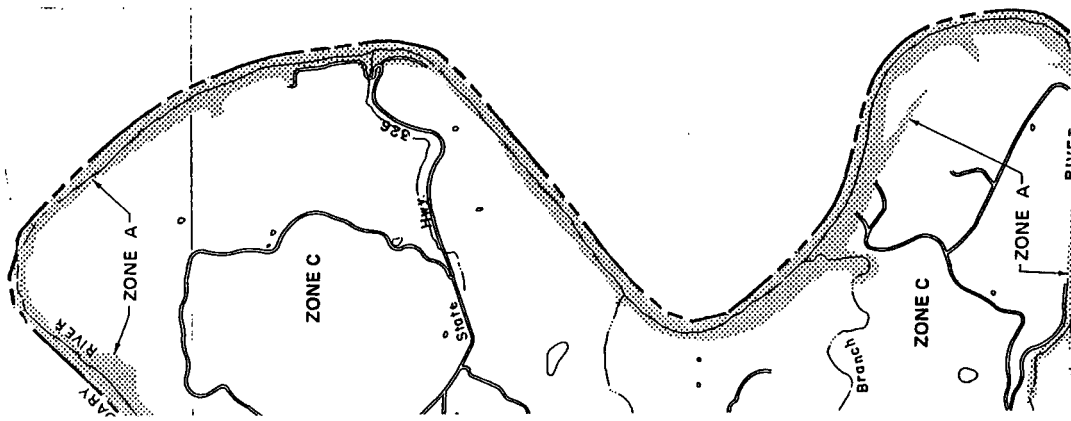
NOTE:

Certain areas not in the special may be protected by flood control. This map is for flood insurance only. For all areas subject to all planimetric features outside of adjoining map panels, see

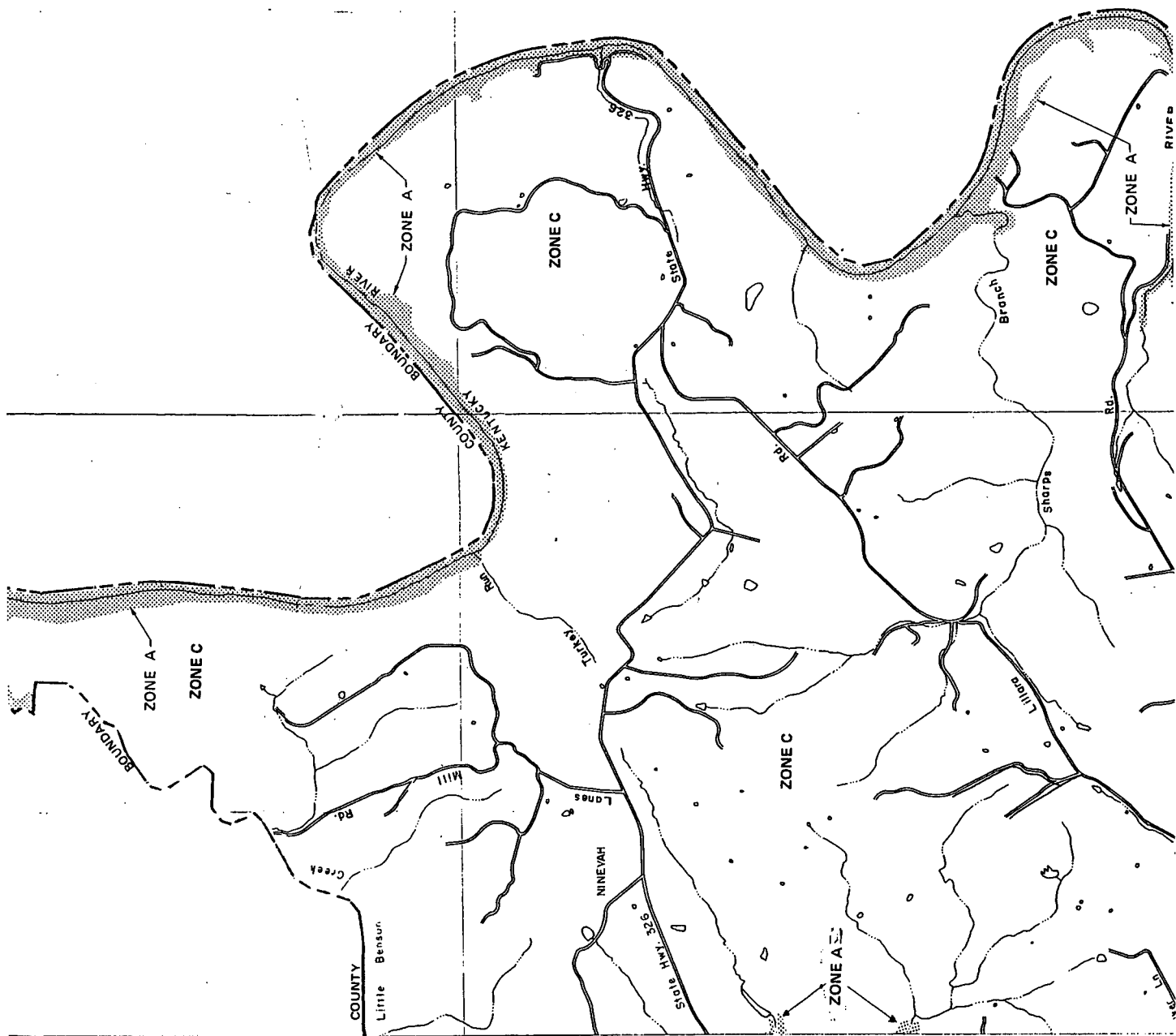
INITIAL ID:  
OCTOBER  
FLOOD HAZARD BOL  
JUNE

FLOOD INSURANCE  
MAY  
FLOOD INSURANCE

To determine if flood insurance contact your insurance agent, or Program, at (800) 638-6620.







To determine if flood insurance contact your insurance agent, or Program, at (800) 638-6620.

APPROXIMATE  
2000

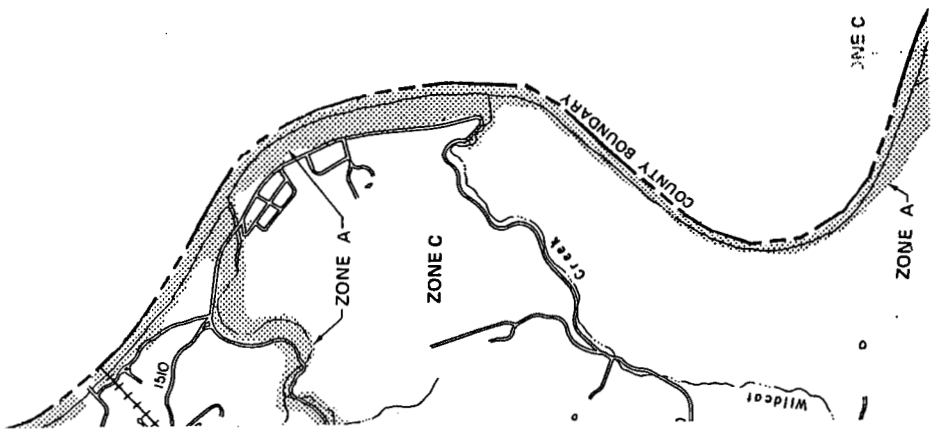
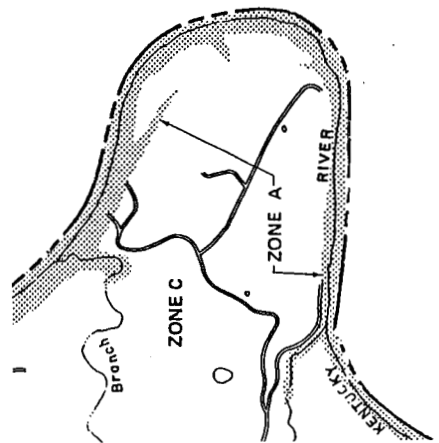
NATIONAL

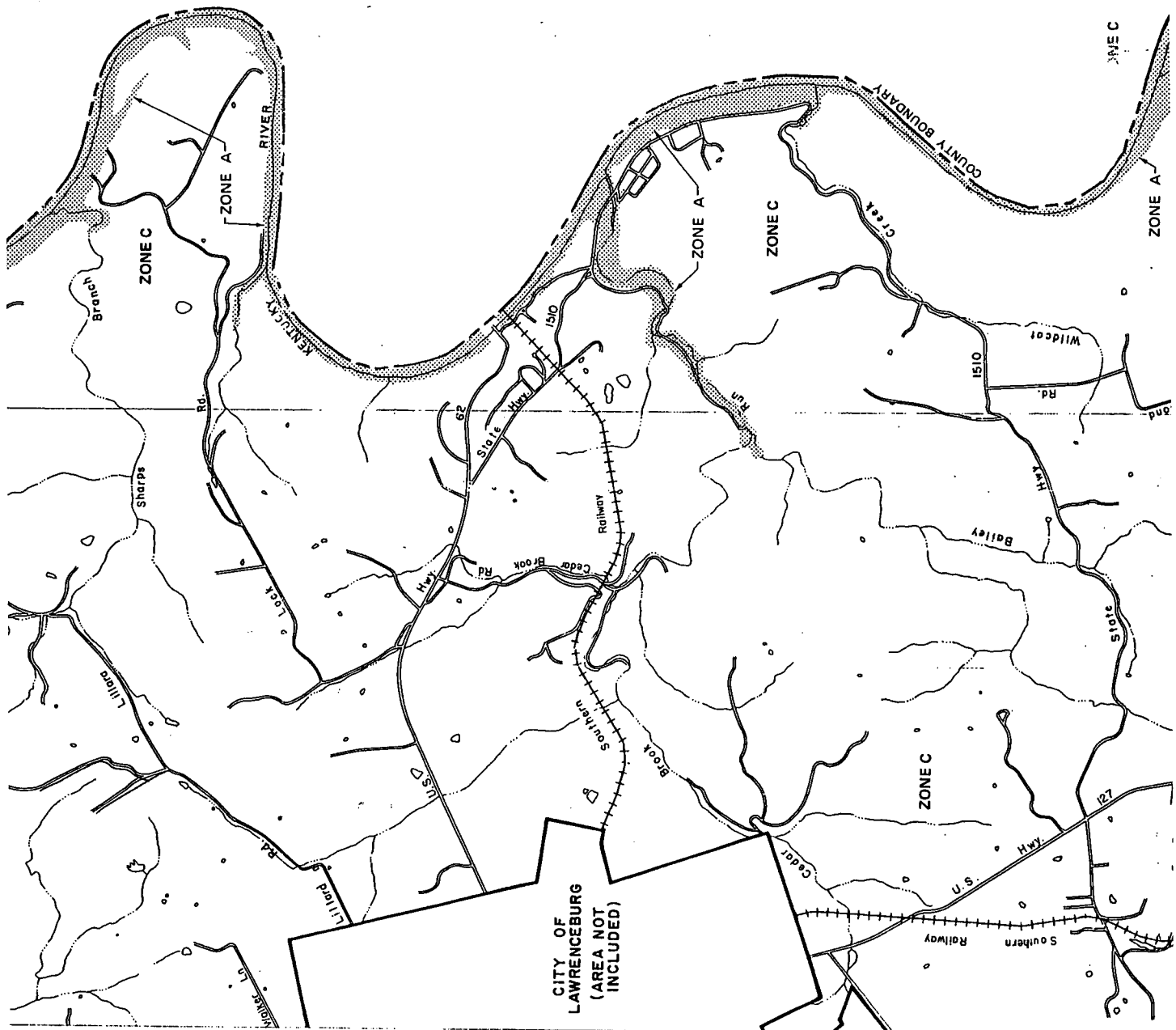
**FIRM**  
FLOOD INSURANCE

ANDERSON COUNTY  
KENTUCKY  
(UNINCORPORATED)

PANEL 75

COMMUNITY





K

Zone Designations:

Base Flood Elevation Line  
With Elevation In Feet\*\*

Base Flood Elevation in Feet  
Where Uniform Within Zone  
Elevation Reference Mark

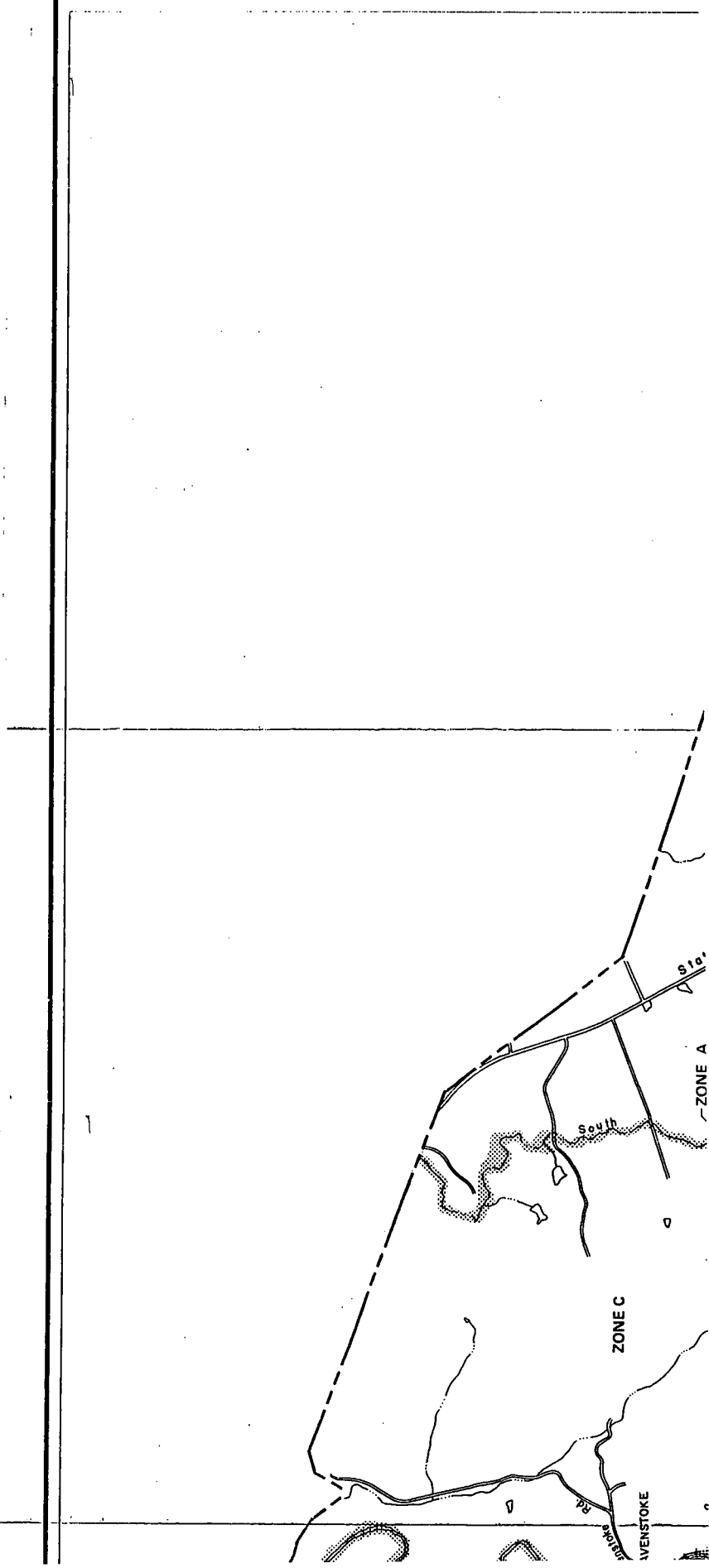
Zone D Boundary

River Mile

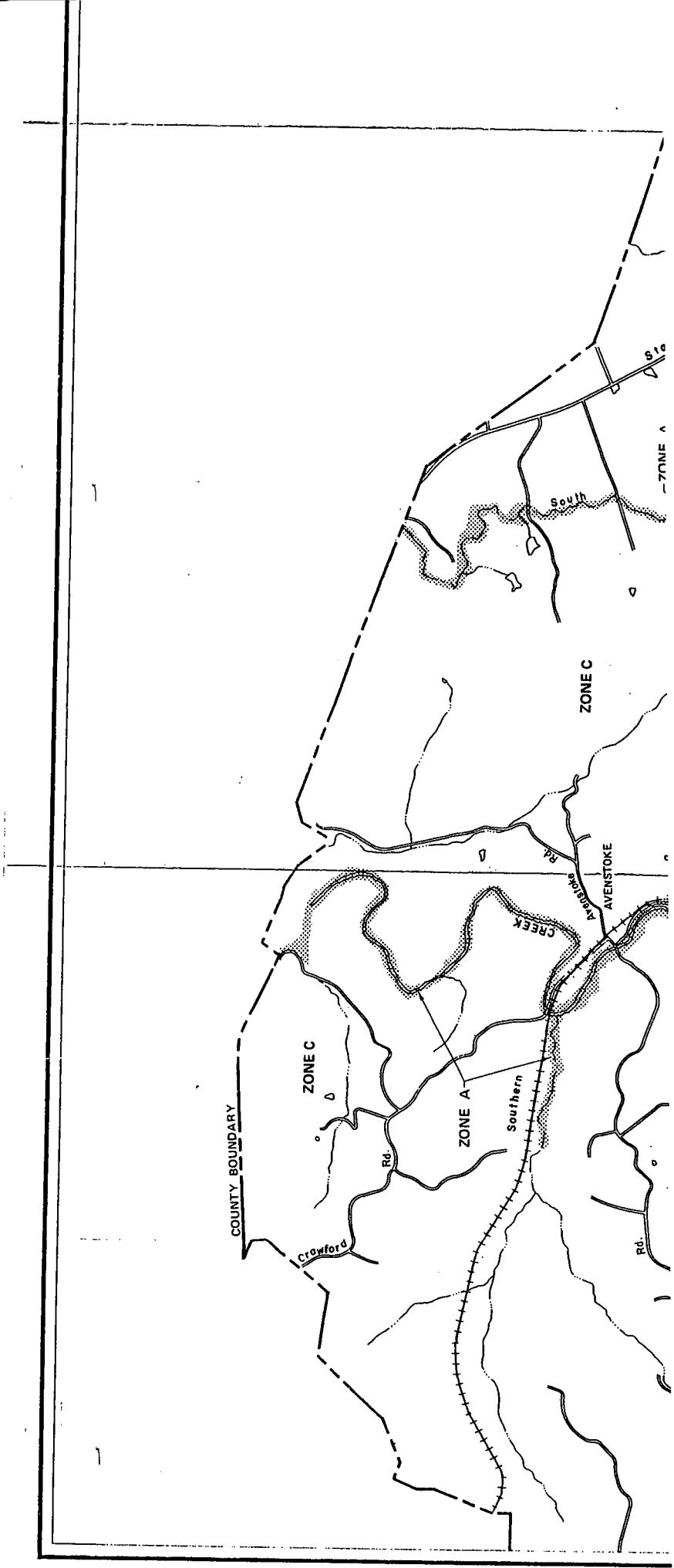
\*\*Referenced to the National  
Flood Elevation Data

\*EXPLANATION

ZONE	EXPLANATION
A	Areas of 100-yr flood hazard fact are between one and two feet above the base flood elevation.
A0	Areas of 100-yr flood hazard fact are between one and two feet above the base flood elevation.
AH	Areas of 100-yr flood hazard fact are between one and two feet above the base flood elevation.
A1-A30	Areas of 100-yr flood hazard fact are between one and two feet above the base flood elevation.
A99	Areas of 100-yr flood hazard fact are between one and two feet above the base flood elevation.
B	Areas between 100-yr flood or greater year flood; or of less with duration.





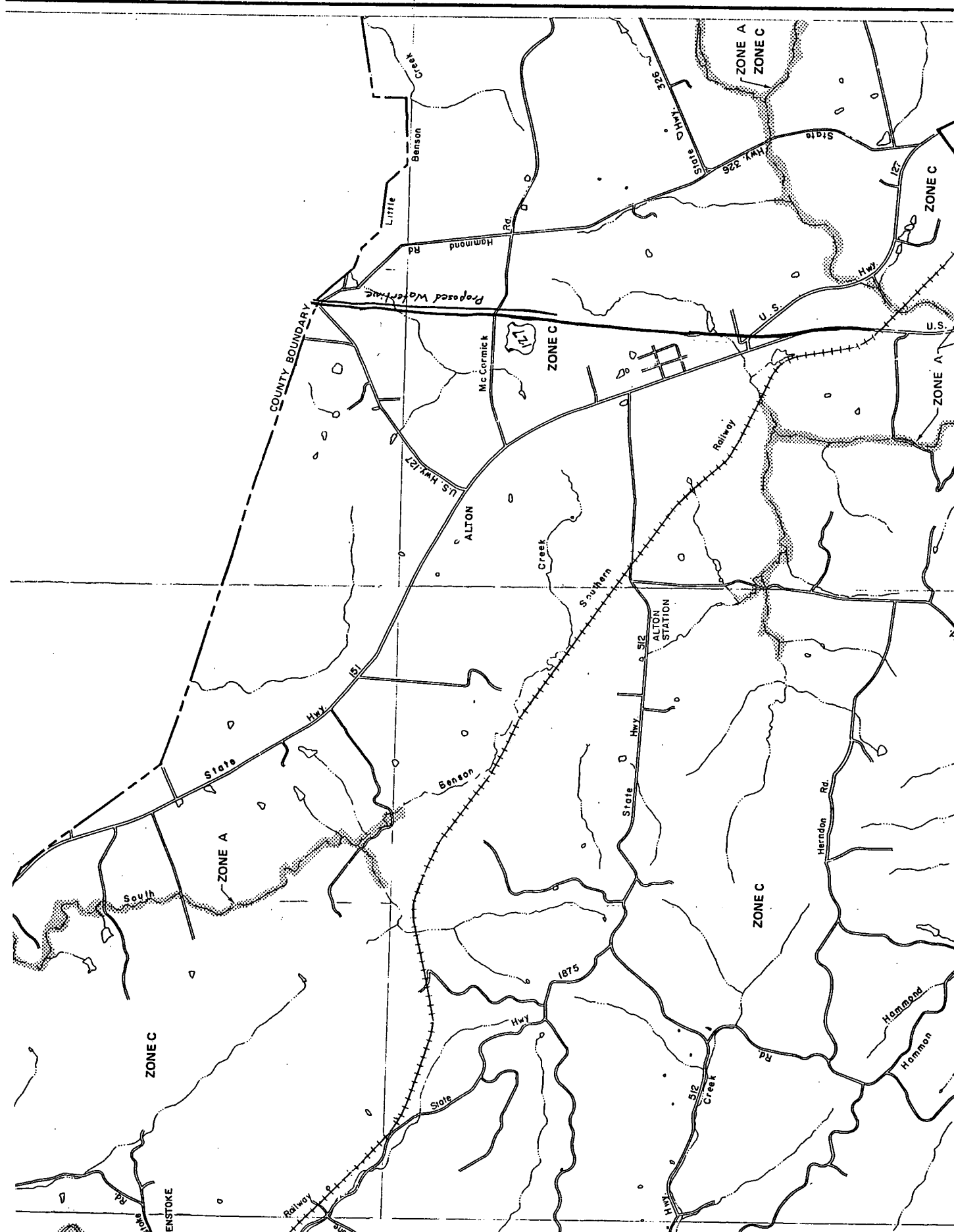


ZONE	DESCRIPTION
A	Areas of 100-year flood hazard fact
A0	Areas of 100-year flood hazard fact between one and two miles from the base flood elevation; base flood elevation is determined.
AH	Areas of 100-year flood hazard fact between one and two miles from the base flood elevation; base flood elevation is determined.
A1-A30	Areas of 100-year flood hazard fact between one and two miles from the base flood elevation; base flood elevation is determined.
A99	Areas of 100-year flood hazard fact between one and two miles from the base flood elevation; base flood elevation is determined.
B	Areas between 1 and 2 miles from the base flood elevation; base flood elevation is determined. (Medium shading)
C	Areas of minimal flood hazard fact
D	Areas of undetermined flood hazard fact
V	Areas of 100-year flood hazard fact; base flood elevation is not determined.
V1-V30	Areas of 100-year flood hazard fact; base flood elevation is not determined.

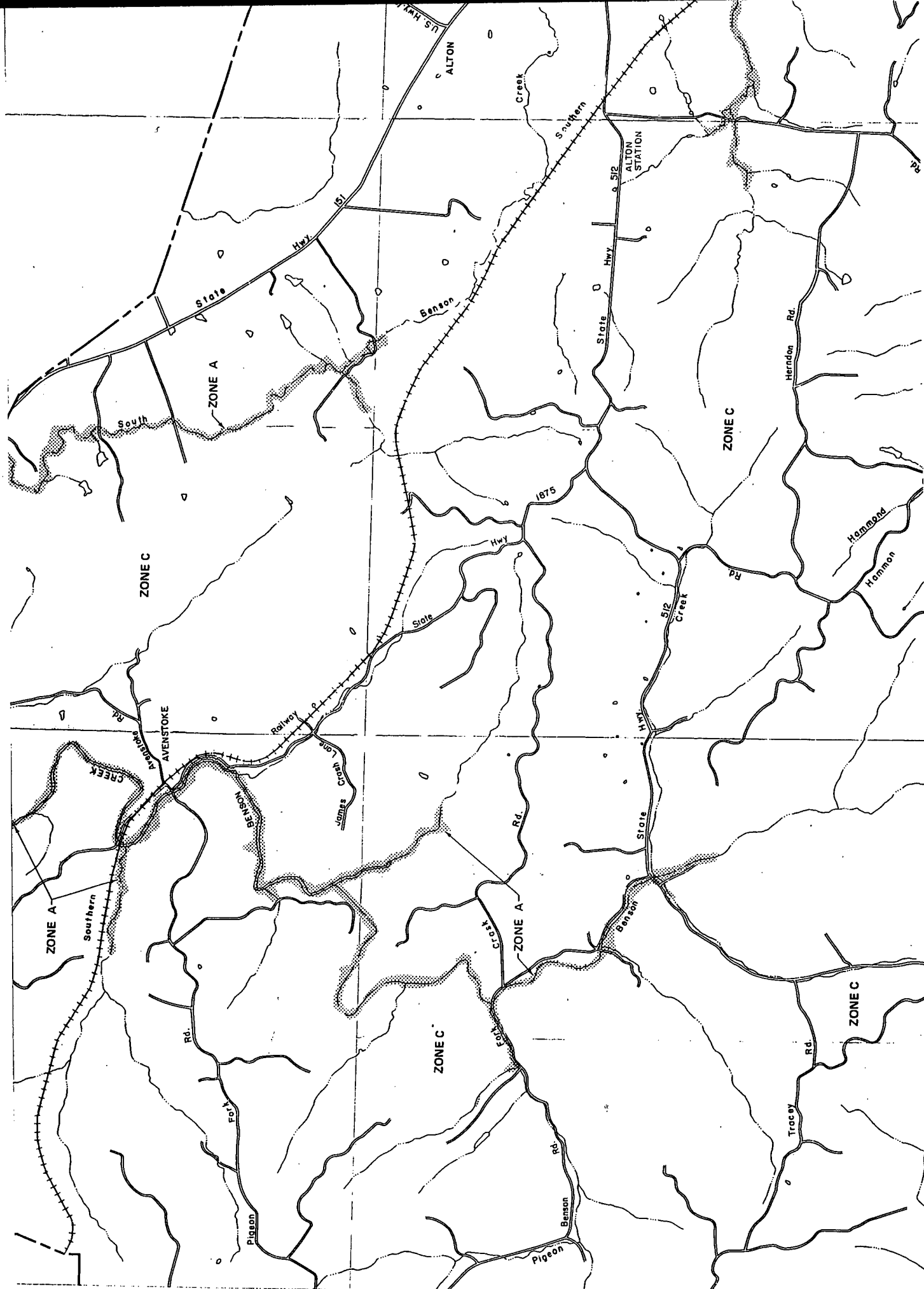
NOTE:  
 Certain areas not in the special flood hazard zone may be protected by flood control works.  
 This map is for flood insurance purposes only. It does not show all planning features outside the flood hazard zone.  
 For adjoining map panels, see...

INITIAL I  
 OCTO  
 FLOOD HAZARD B'  
 JUN

FLOOD INSURANCE  
 MA  
 FLOOD INSURANCE



To determine if flood ins.



To determine if flood has  
contact your insurance agent  
Program at (800) 638-6672

APPROX

2000

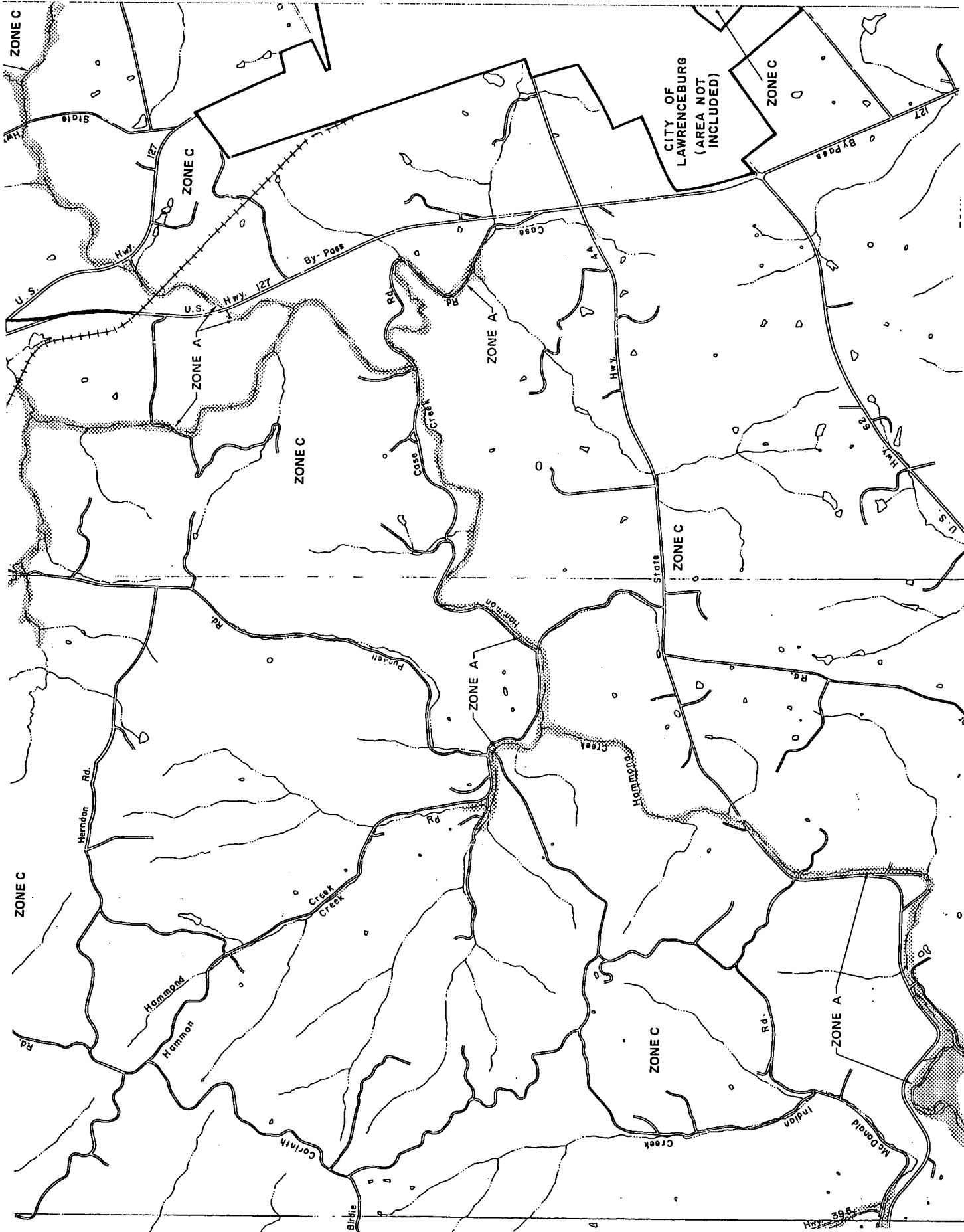
NATION

**FIR**  
FLOOD

ANI  
COL  
KEN  
(UNIT)

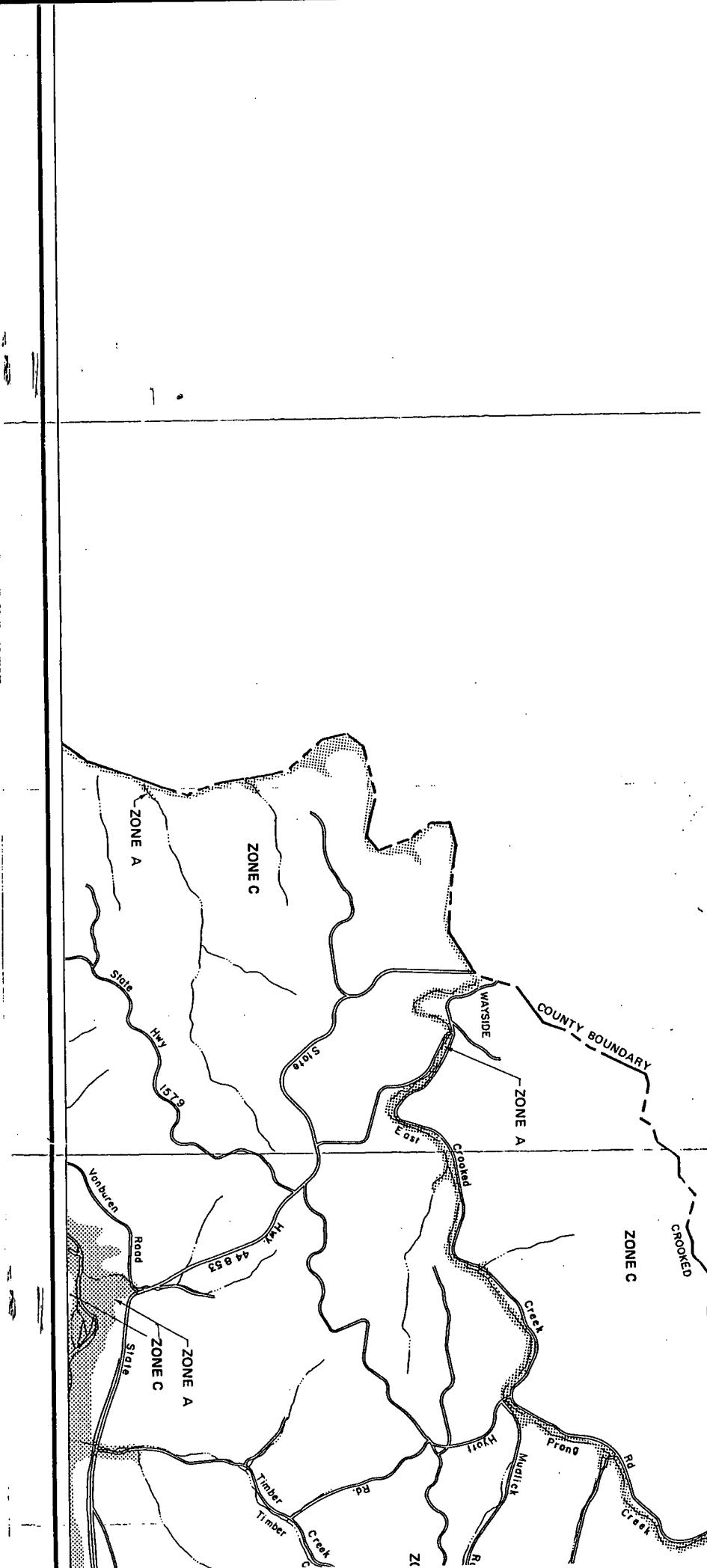
PANEL

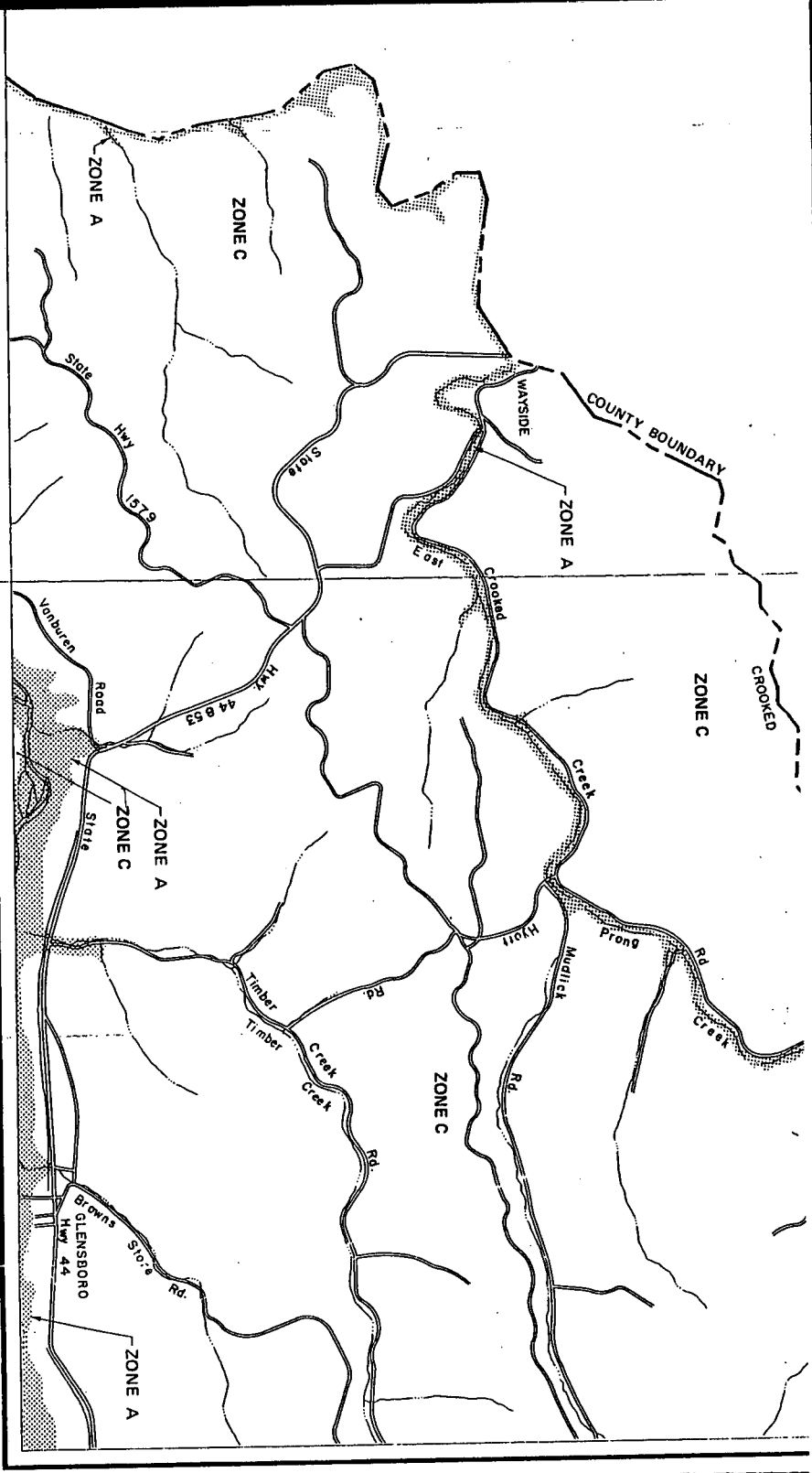
C











**FIRM**  
FLOOD INSURANCE RATE MAP

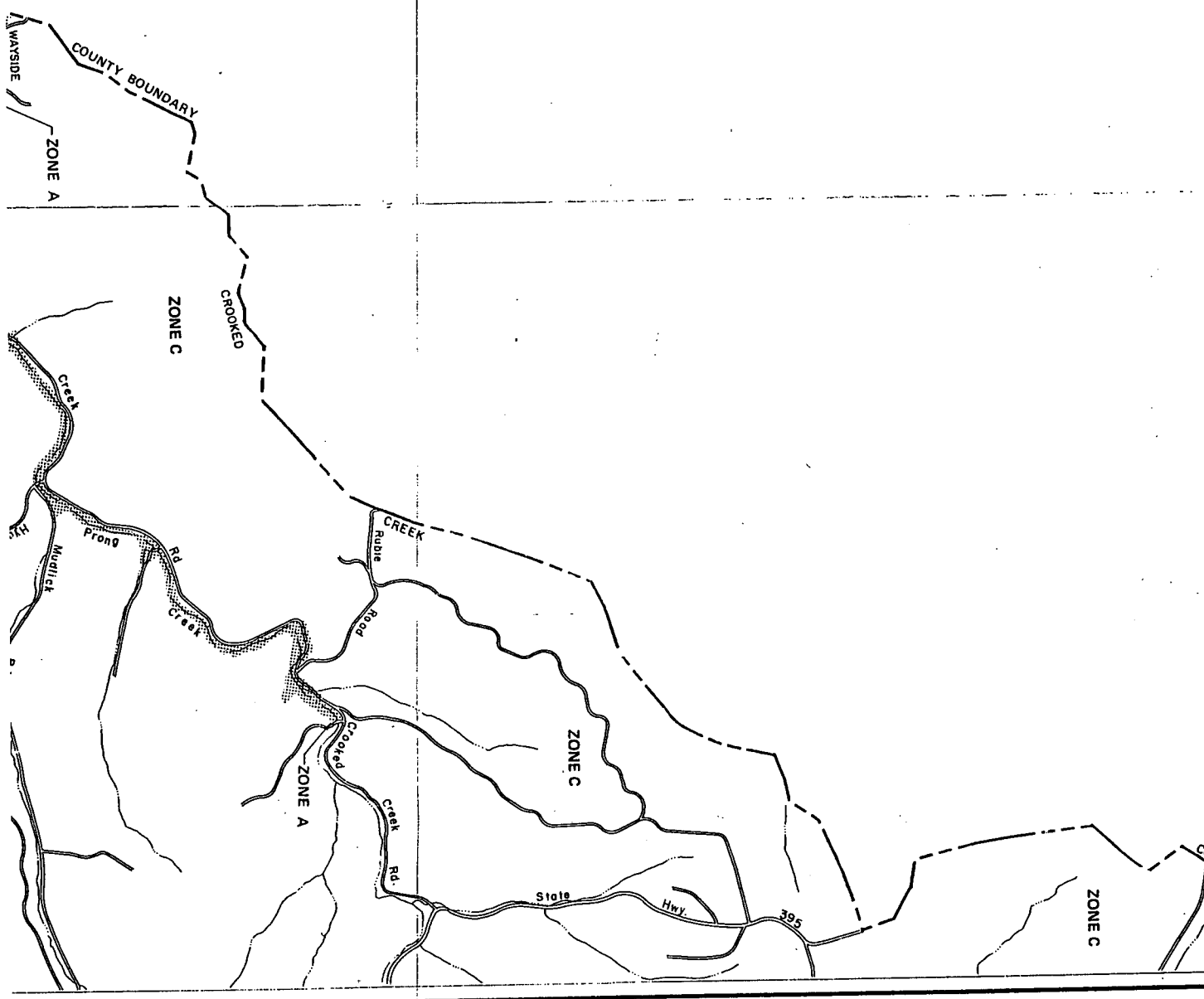
ANDERSON  
COUNTY,  
KENTUCKY  
(UNINCORPORATED AREAS)

PANEL 25 OF 150



COMMUNITY-PANEL NUMBER  
210002 0025 B  
EFFECTIVE DATE:  
MAY 15, 1986

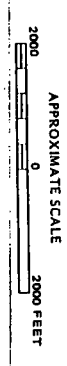
Federal Emergency Management Agency



INITIAL IDENTIFICATION:  
 OCTOBER 18, 1974  
 FLOOD HAZARD BOUNDARY MAP REVISIONS:  
 JUNE 17, 1977

FLOOD INSURANCE RATE MAP EFFECTIVE:  
 MAY 15, 1986  
 FLOOD INSURANCE RATE MAP REVISIONS:

To determine if flood insurance is available in this community,  
 contact your insurance agent, or call the National Flood Insurance  
 Program, at (800) 538-6620.



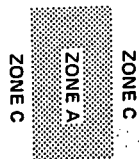
**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**

**FLOOD INSURANCE RATE MAP**

**ANDERSON COUNTY, KENTUCKY**  
 (UNINCORPORATED AREAS)

KEY TO MAP



Zone Designations\*

ZONE A  
ZONE C  
ZONE C

Base Flood Elevation Line  
With Elevation In Feet\*\*

573

Base Flood Elevation In Feet  
Where Uniform Within Zone\*\*

(EL 987)

Elevation Reference Mark

RM7X

Zone D Boundary

River Mile

\*M1.5

\*\*Referenced to the National Geodetic Vertical Datum of 1929

\*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only. It does not necessarily show all areas subject to flooding in the community or all planimetric features such as special flood hazard areas.

For adjoining map panels, see separately printed Map Index.

INITIAL IDENTIFICATION:

OCTOBER 18, 1974

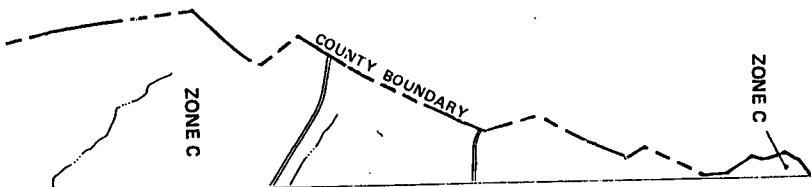
FLOOD HAZARD BOUNDARY MAP REVISIONS:

JUNE 17, 1977

FLOOD INSURANCE RATE MAP EFFECTIVE:

MAY 15, 1986

FLOOD INSURANCE RATE MAP REVISIONS:





**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**ANDERSON COUNTY, KENTUCKY**  
**(UNINCORPORATED AREAS)**  
**PANEL 150 OF 150**  
**COMMUNITY-PANEL NUMBER 210002 0150 B**  
**NATIONAL FLOOD INSURANCE PROGRAM**

**NOTES TO USER**

D Areas of undetermined, but possible, flood hazards.

V Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.

V1-V30 Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

**INITIAL IDENTIFICATION:**

OCTOBER 18, 1974  
 FLOOD HAZARD BOUNDARY MAP REVISIONS:  
 JUNE 17, 1977


FLOOD INSURANCE RATE MAP EFFECTIVE:  
 MAY 15, 1986  
 FLOOD INSURANCE RATE MAP REVISIONS:

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.

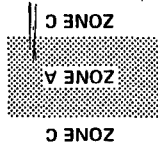
This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas. For adjoining map panels, see separately printed Map Index.

**APPROXIMATE SCALE**

2000  
 0  
 2000 FEET



KEY TO MAP



Zone Designations\*

Base Flood Elevation Line\*\*

Base Flood Elevation in Feet

Where Uniform Within Zone\*\*

Elevation Reference Mark

Zone D Boundary

River Mile

\*\* Referenced to the National Geodetic Vertical Datum of 1929

- M1.5
- RM7X
- (EL 987)
- 513

\* EXPLANATION OF ZONE DESIGNATIONS

ZONE EXPLANATION

- A** Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
- A0** Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
- AH** Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
- A1-A30** Areas of 100-year flood; base flood elevations and flood hazard factors determined.
- A99** Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
- B** Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
- C** Areas of minimal flooding. (No shading)
- D** Areas of undetermined, but possible, flood hazards.
- V** Areas of 100-year coastal flood with velocity factors not determined.
- V1-V30** Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures. This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas. For adjoining map panels, see separately printed Map Index.

INITIAL IDENTIFICATION:

OCTOBER 18, 1974  
 FLOOD HAZARD BOUNDARY MAP REVISIONS:  
 JUNE 17, 1977

FLOOD INSURANCE RATE MAP EFFECTIVE:

MAY 15, 1986

FLOOD INSURANCE RATE MAP REVISIONS:

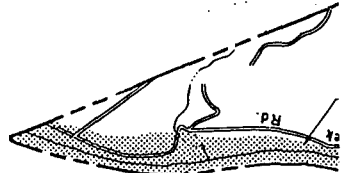
Program, at (800) 638-6620.

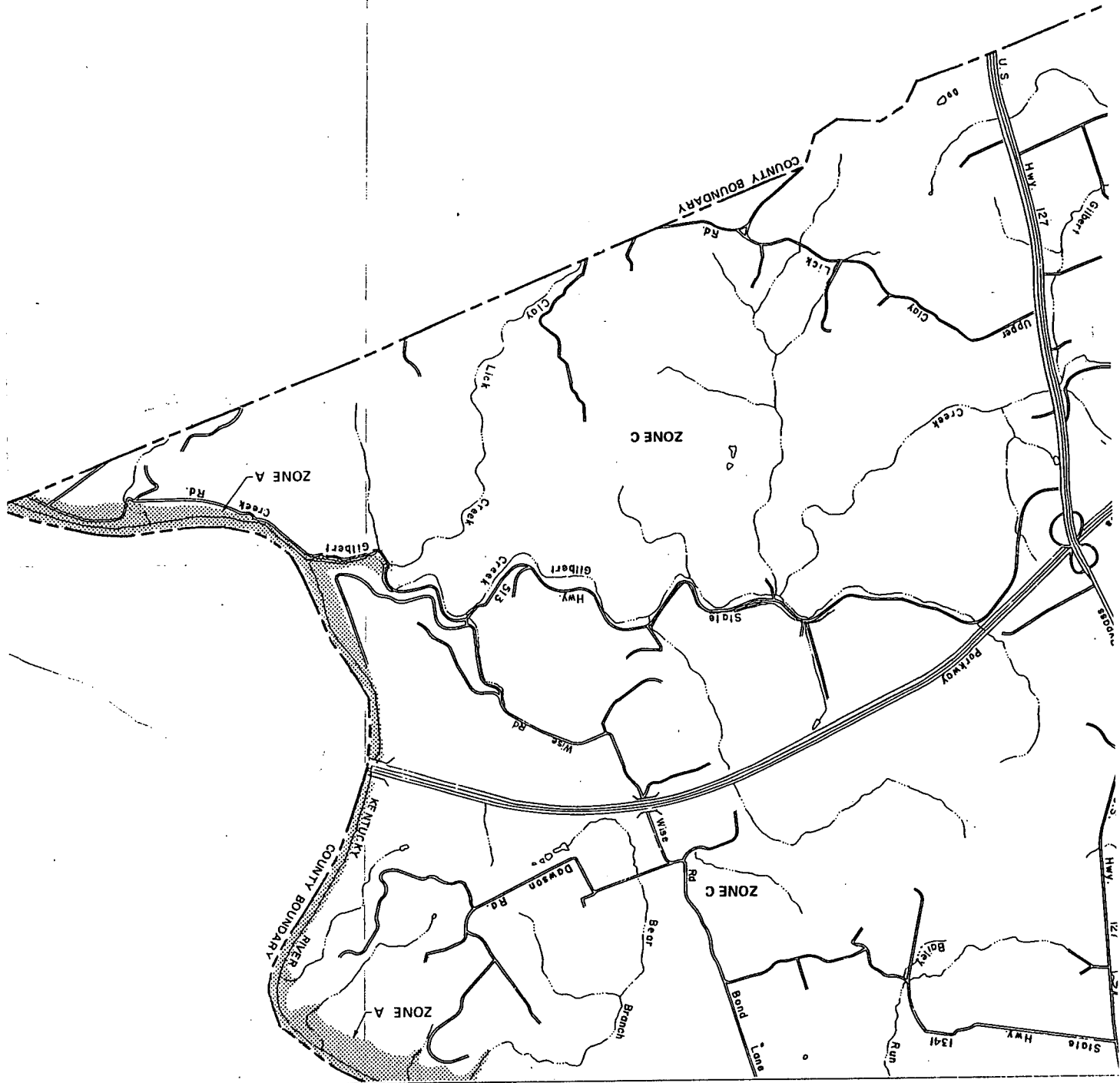
To determine if flood insurance is available in this community,

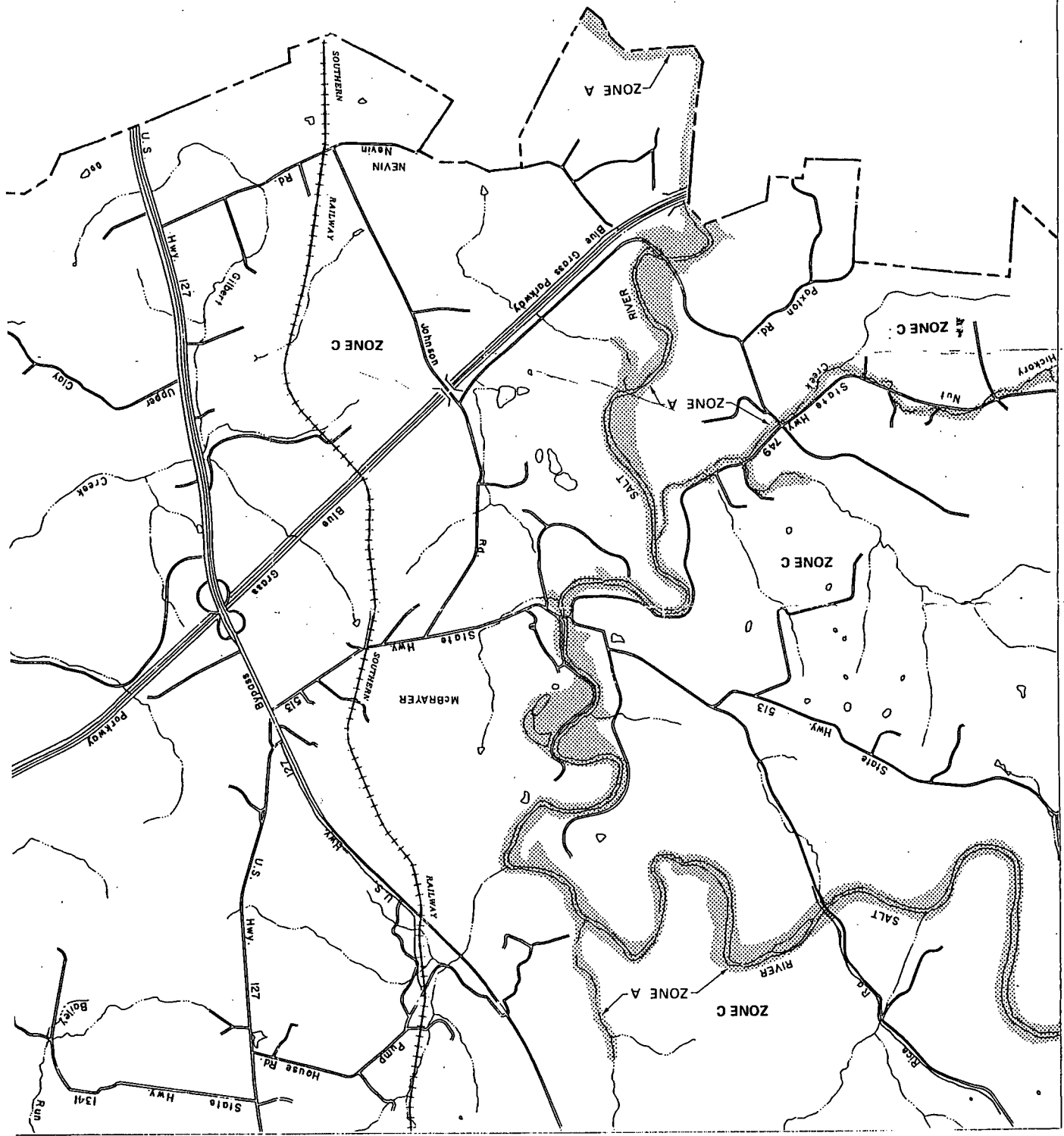
contact your insurance agent, or call the National Flood Insurance

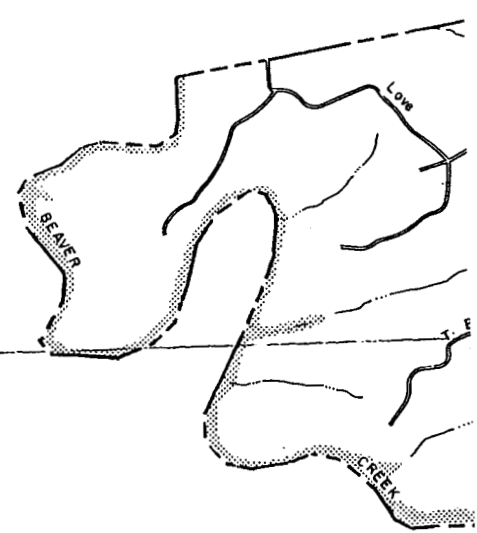
Program, at (800) 638-6620.

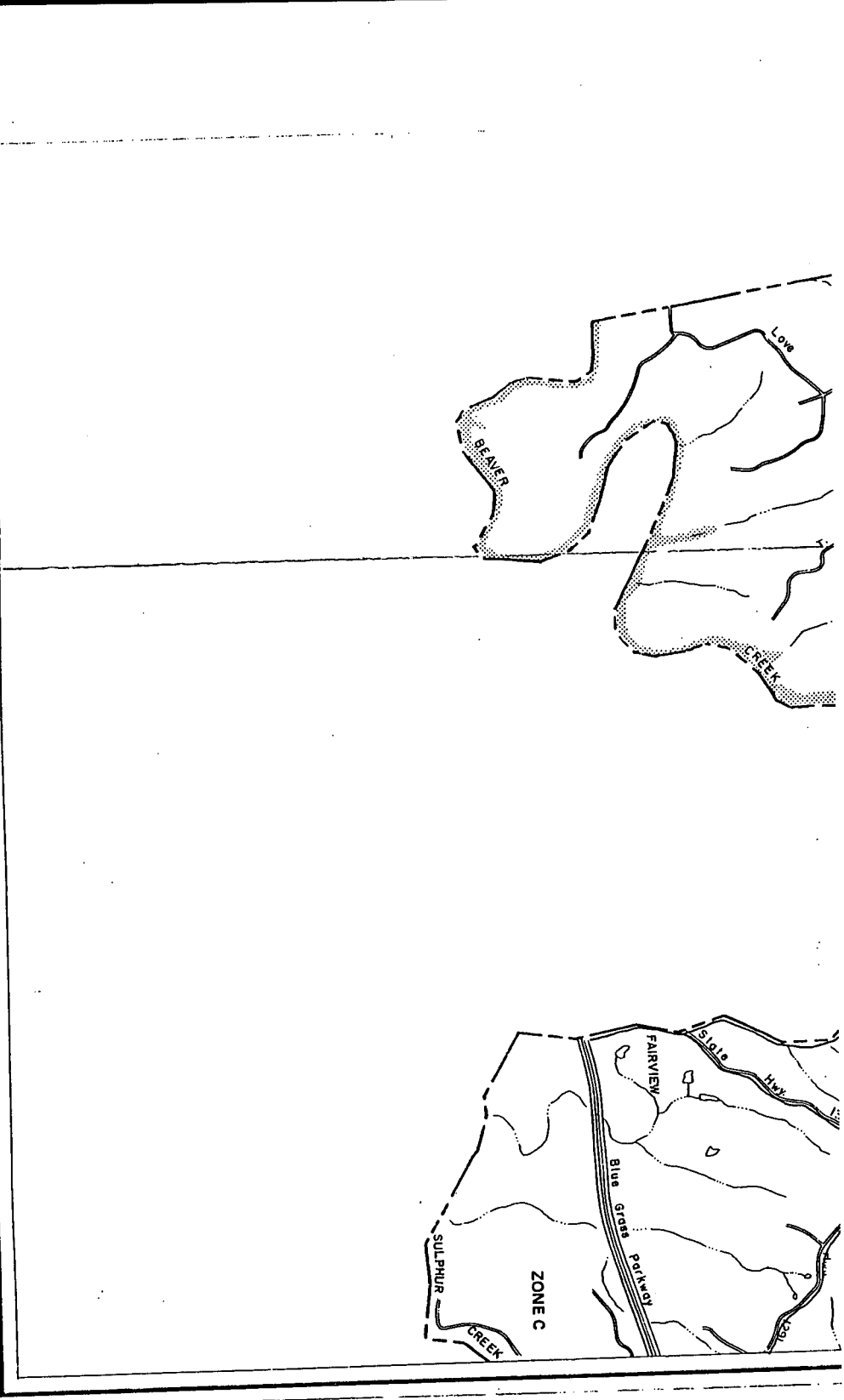
APPROXIMATE SCALE











NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

ANDERSON  
COUNTY,  
KENTUCKY  
(UNINCORPORATED AREAS)

PANEL 100 OF 150

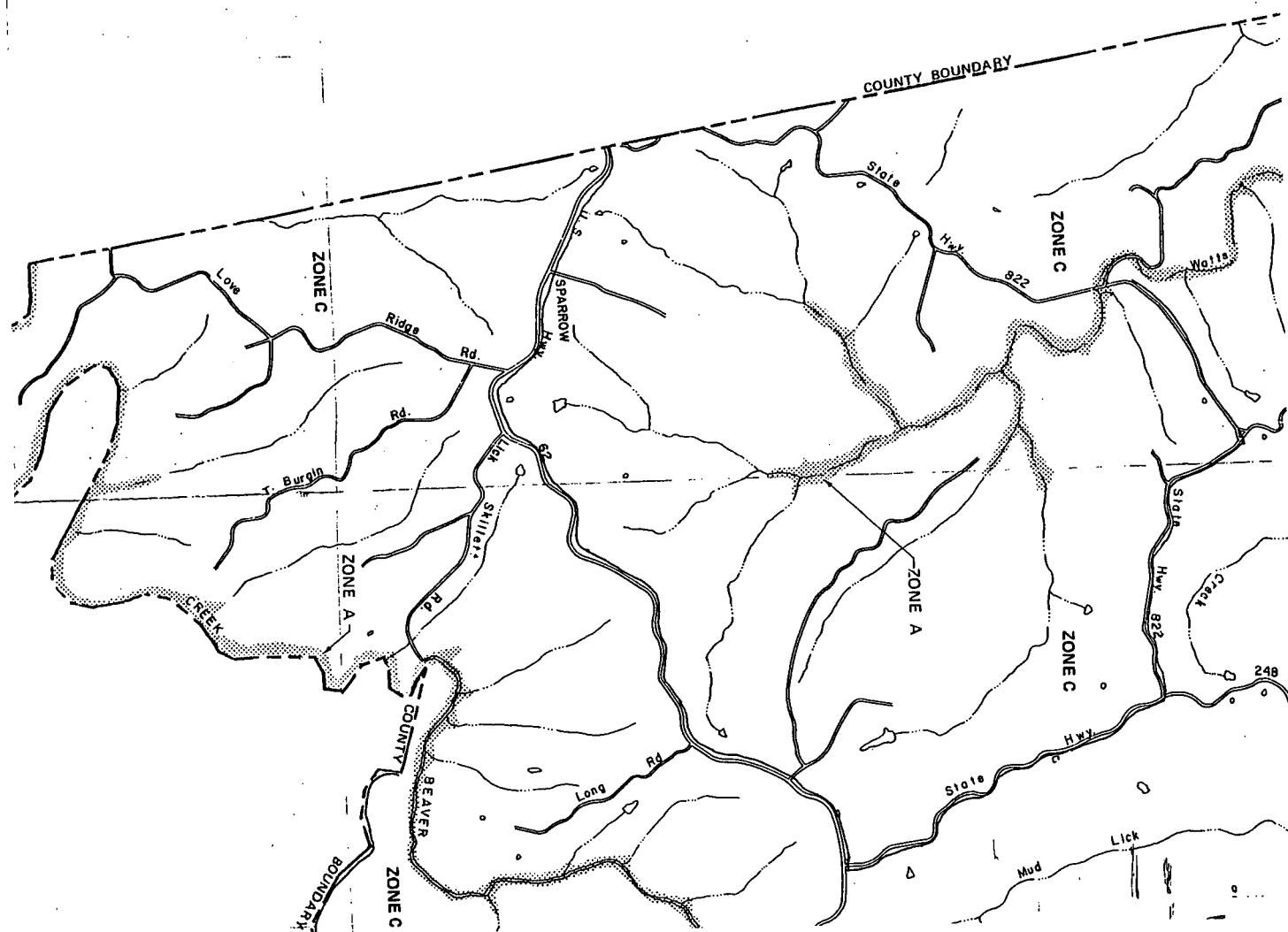
COMMUNITY-PANEL NUMBER  
210002 0100 B

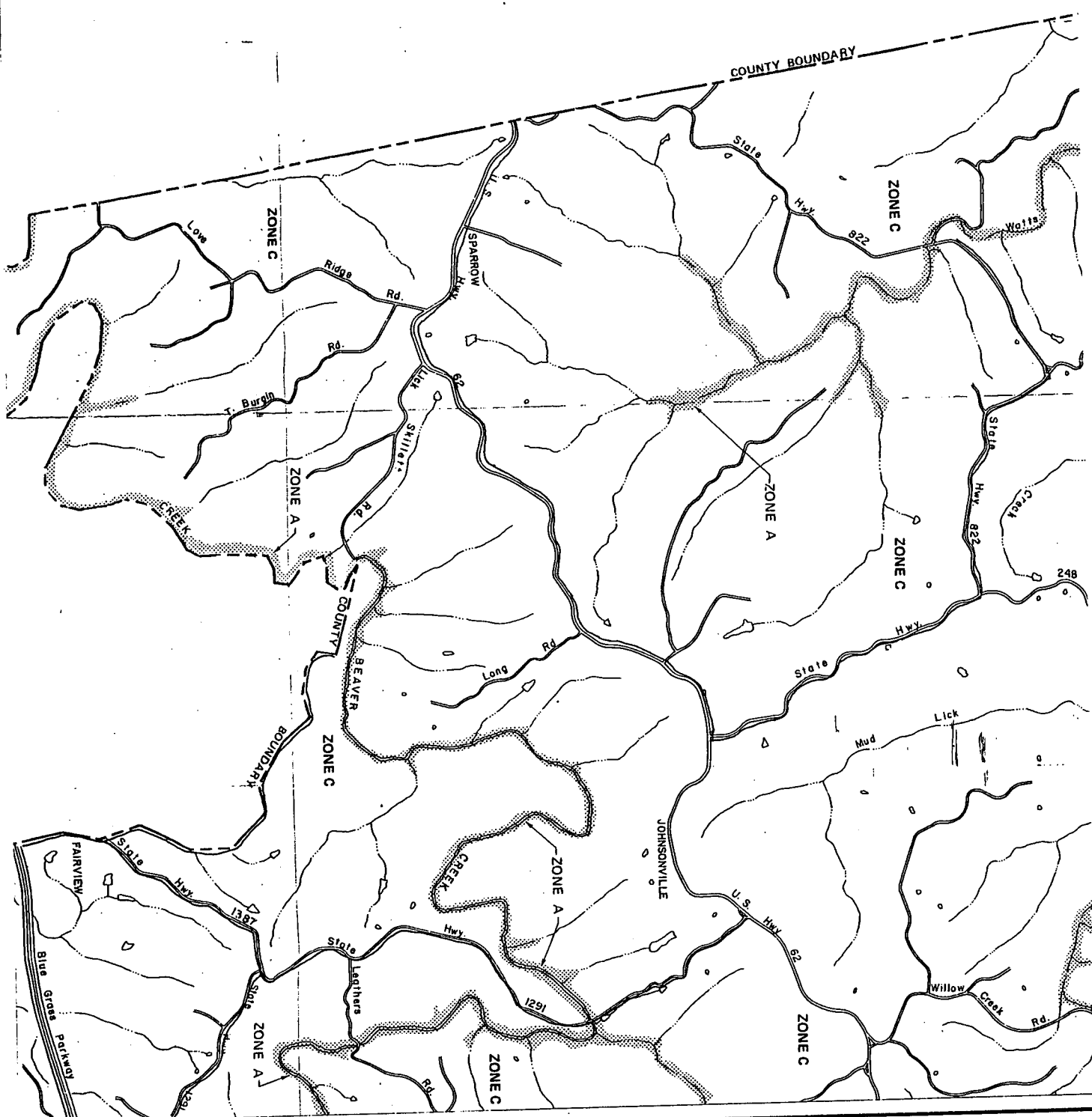
EFFECTIVE DATE:  
MAY 15, 1986



Federal Emergency Management Agency





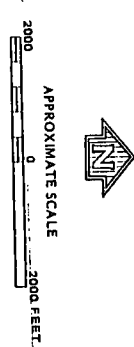


Certain areas not in the special flood hazard area (zones A and V) may be protected by flood control structures.  
 This map is for flood insurance purposes only. It does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.  
 For adjoining map panels, see separately printed Map Index.

INITIAL IDENTIFICATION:  
 OCTOBER 18, 1974  
 FLOOD HAZARD BOUNDARY MAP REVISIONS:  
 JUNE 17, 1977

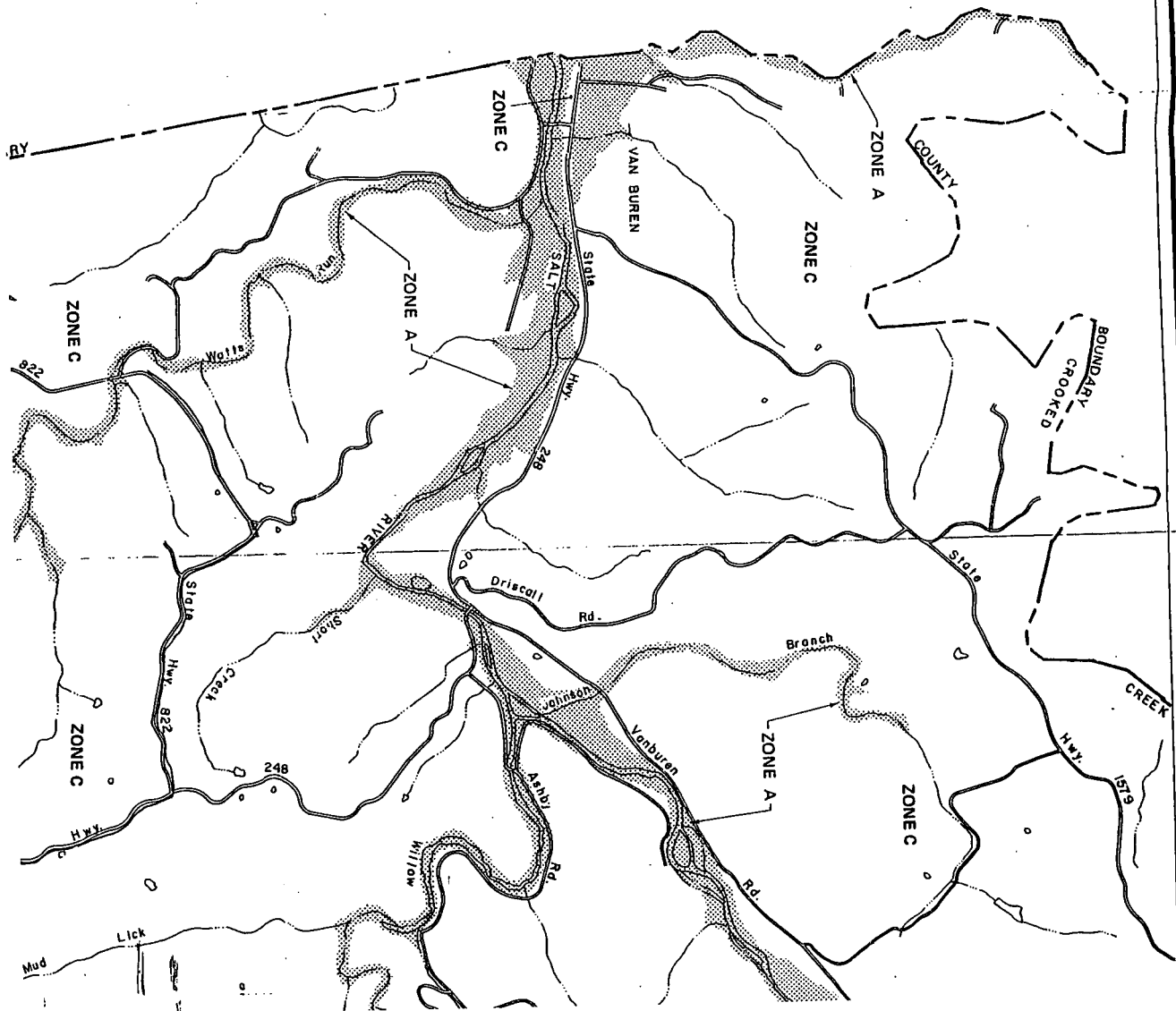
FLOOD INSURANCE RATE MAP EFFECTIVE:  
 MAY 15, 1988  
 FLOOD INSURANCE RATE MAP REVISIONS:

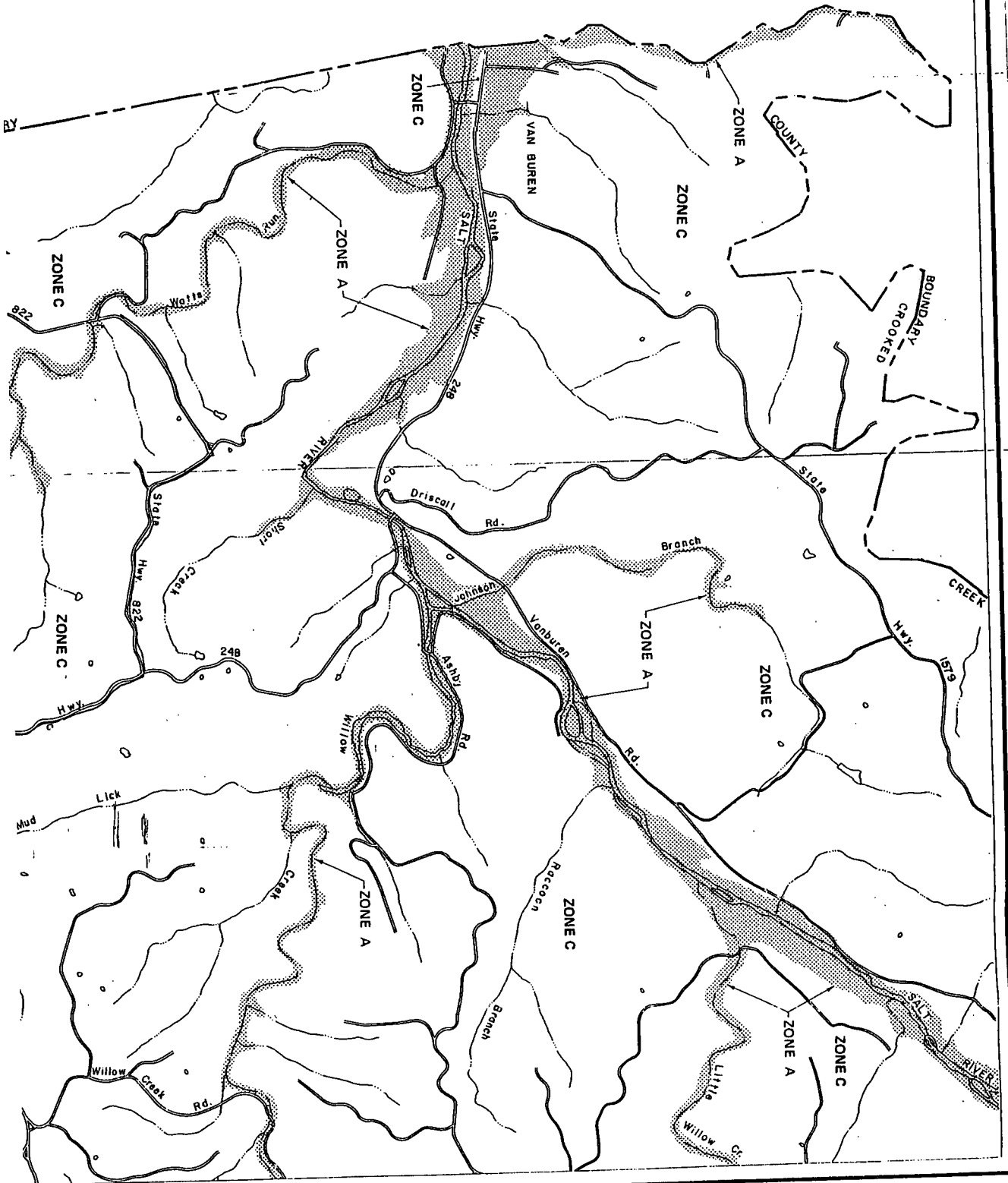
To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program at (800) 638-6520.



**FIRM**  
**FLOOD INSURANCE RATE MAP**

NATIONAL FLOOD INSURANCE PROGRAM





**KEY TO MAP**

Zone Designations*	<p>ZONE C</p> <p>ZONE A</p> <p>ZONE C</p>
Base Flood Elevation Line With Elevation in Feet**	513
Base Flood Elevation in Feet Where Uniform Within Zone**	(EL 987)
Elevation Reference Mark	RM7X
Zone D Boundary	*M1.5
River Mile	

\*\*Referenced to the National Geodetic Vertical Datum of 1929

**\* EXPLANATION OF ZONE DESIGNATIONS**

- ZONE A**  
Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
- ZONE B**  
Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
- ZONE C**  
Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; hazard factors are shown, but no flood hazard factors are determined.
- ZONE D**  
Areas of 100-year flood; base flood elevations and flood hazard factors determined.
- VI-V20**  
Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.

**NOTES TO USER**

Certain areas not in the special flood hazard areas (zones A and VI) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Map Index.

INITIAL IDENTIFICATION:  
OCTOBER 18, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS:

RECEIVED

COMMONWEALTH OF KENTUCKY

FEB 15 2000

BEFORE THE PUBLIC SERVICE COMMISSION PUBLIC SERVICE COMMISSION

In the Matter of:

RUBEN BARNETT	)	
	)	
COMPLAINANT	)	
	)	
V.	)	CASE NO. 99-431
	)	
SOUTH ANDERSON WATER DISTRICT	)	
	)	
DEFENDANT	)	

AFFIDAVIT OF TIMOTHY RUCKER

\*\*\*\*\*

Comes the Affiant, and being duly sworn, states and affirms as follows:

1. That he is a resident of 1511 Aaron-Barnett Road, Lawrenceburg, Anderson County, Kentucky and has maintained said residence with his wife and three children since June, 1998.
2. That he presently has to haul water to his residence and place said water in a cistern because his residence is not located along a water utility line.
3. That he and his wife must haul water twice a week because of the needs of their family and that they purchase three loads (tanks) of water each time they go to obtain water.
4. That it requires from one to three hours for him to haul water depending upon the amount of time he must wait in line to obtain water and the weather conditions in which he must travel.

5. That therefore on occasion he and his wife must use up to six (6) hours a week simply to purchase water for their family.

6. That twice he and his wife have broken water tanks traveling back and forth to retrieve water. Each time they have broken a water tank, it has cost the Affiant Two Hundred Dollars (\$200.00) to replace the water tank.

7. That his cost for hauling water is approximately Twenty-Five Dollars (\$25.00) weekly.

8. That he was aware of notices placed in the Anderson News newspaper about the intent of the South Anderson Water District to construct water lines along Willow Creek Road (now Aaron-Barnett Road), but that he did not attend any of the scheduled meetings by the South Anderson Water District because he assumed from the language of the notice that the District intended to build water lines along the full length of Aaron-Barnett Road.

9. That he did not realize until the beginning of calendar year 2000 that his residence was not to be included in the proposed construction of water lines by the South Anderson Water District.

10. That he would definitely become a customer of the South Anderson Water District if the District would provide water lines to his residence. He believes that obtaining water from the South Anderson Water District would be cheaper, safer, and healthier for his family.

FURTHER THE AFFIANT SAYETH NAUGHT.

Timothy E. Rucker  
TIMOTHY RUCKER

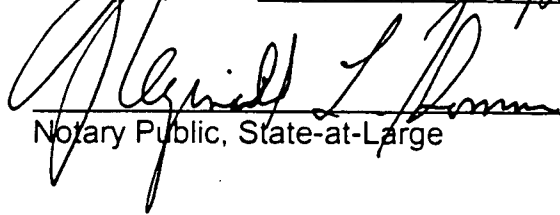


STATE OF KENTUCKY )  
 )  
COUNTY OF ANDERSON )

This AFFIDAVIT was Subscribed, Sworn to, and Acknowledged before me by  
TIMOTHY RUCKER on this the 12<sup>th</sup> day of February, 2000.

My Commission Expires:

November 20, 2000

  
\_\_\_\_\_  
Notary Public, State-at-Large

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

FEB 15 2000

In the Matter of:

PUBLIC SERVICE  
COMMISSION

RUBEN BARNETT )  
 )  
 ) COMPLAINT )  
 )  
 ) V. )  
 )  
 ) SOUTH ANDERSON WATER DISTRICT )  
 )  
 ) DEFENDANT )

CASE NO. 99-431

AFFIDAVIT OF RAY ELLIOTT

\*\*\*\*\*

Comes the Affiant, and being duly sworn, states and affirms as follows:

1. That he is a resident of 1497 Aaron-Barnett Road, Lawrenceburg, Anderson County, Kentucky and has maintained said residence with his wife and three children since June, 1998.
2. That he presently has to haul water to his residence and place said water in a cistern because his residence is not located along a water utility line.
3. That he and his wife must haul water twice a week because of the needs of their family and that they purchase three loads (tanks) of water each time they go to obtain water.
4. That it requires from one to three hours for him to haul water depending upon the amount of time he must wait in line to obtain water and the weather conditions in which he must travel.

5. That therefore on occasion he and his wife must use up to six (6) hours a week simply to purchase water for their family.

6. That his cost for hauling water is approximately Twenty-Five Dollars (\$25.00) weekly.

7. That he and his family refuse to use the water they place in their cistern for drinking and that they acquire bottled water for drinking purposes.

8. That he was aware of notices placed in the Anderson News newspaper about the intent of the South Anderson Water District to construct water lines along Willow Creek Road (now Aaron-Barnett Road), but that he did not attend any of the scheduled meetings by the South Anderson Water District because he assumed from the language of the notice that the District intended to build water lines along the full length of Aaron-Barnett Road.

9. That he did not realize until the beginning of calendar year 2000 that his residence was not to be included in the proposed construction of water lines by the South Anderson Water District.

10. That he would definitely become a customer of the South Anderson Water District if the District would provide water lines to his residence. He believes that obtaining water from the South Anderson Water District would be cheaper, safer, and healthier for his family.

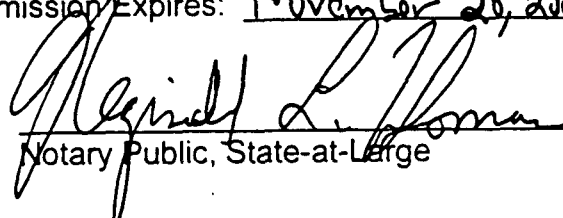
FURTHER THE AFFIANT SAYETH NAUGHT.

  
\_\_\_\_\_  
RAY ELLIOTT

STATE OF KENTUCKY )  
 )  
COUNTY OF ANDERSON )

This AFFIDAVIT was Subscribed, Sworn to, and Acknowledged before me by  
RAY ELLIOTT on this the 12~~th~~ day of February, 2000.

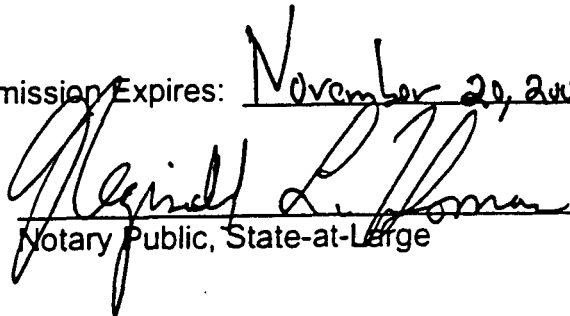
My Commission Expires: November 20, 2000

  
\_\_\_\_\_  
Notary Public, State-at-Large

STATE OF KENTUCKY )  
 )  
COUNTY OF ANDERSON )

This AFFIDAVIT was Subscribed, Sworn to, and Acknowledged before me by  
RAY ELLIOTT on this the 12th day of February, 2000.

My Commission Expires: November 20, 2000

  
\_\_\_\_\_  
Notary Public, State-at-Large

RECEIVED

FEB 15 2000

1

PUBLIC SERVICE  
COMMISSION

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION  
CASE NO. 99-431

IN THE MATTER OF:

RUBEN BARNETT

COMPLAINANT

-vs-

SWORN STATEMENT OF RUBEN BARNETT

SOUTH ANDERSON WATER DISTRICT

DEFENDANT

\* \* \* \* \*  
A P P E A R A N C E S  
\* \* \* \* \*

Hon. Reginald L. Thomas  
P. O. Box 1704  
Lexington, Kentucky 40588  
FOR THE COMPLAINANT

FEBRUARY 8, 2000

GEORGENE R. SCRIVNER  
COURT REPORTER  
STENOTYPIST

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1                   The foregoing sworn statement was taken on  
2                   Tuesday, February 8, 2000, in the first floor conference  
3                   room, Anderson County Courthouse, Lawrenceburg, Anderson  
4                   County, Kentucky, beginning at the hour of 3:10 p.m.,  
5                   for all purposes permitted under the Kentucky Rules of  
6                   Civil Procedure.

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RUBEN BARNETT

1  
2 the said witness, being first duly sworn, testifies as  
3 follows:

4 DIRECT EXAMINATION

5 By Mr. Thomas

6 Q Could you state your name for the record, please?

7 A Ruben Barnett.

8 Q And you are the Ruben Barnett who is the  
9 complainant in the action before the Public Service  
10 Commission, Complaint Number 99-431, Complainant against  
11 the South Anderson Water District, is that correct?

12 A Yes.

13 Q And, Ruben, could you state your address, please?

14 A 1560 Aaron-Barnett Road.

15 Q And, Ruben, how long have you lived at 1560  
16 Aaron-Barnett Road?

17 A I have lived in that one house since July of '63.  
18 I lived on that road all of my life.

19 Q And how old are you, Ruben?

20 A 60.

21 Q 60? So you are--needless to say, you are very  
22 familiar with that area of Anderson County?

23 A Yeah.

24 Q Life-long resident?

25 A Yeah.

1 Q Now, Ruben, is it fair to say that the house  
2 where you reside has always been without water, some  
3 kind of city water or county water?

4 A Yes, it's been without water.

5 Q And, Ruben, how has water been supplied in that  
6 house?

7 A I have water hauled and put it in the cistern.

8 Q And has it always been that way as long as you  
9 can remember?

10 A Yeah.

11 Q Ruben, how often do you have to haul water to  
12 your home?

13 A Most of the time, every 2 weeks. Sometimes a  
14 little bit quicker than that according to how I am using  
15 it.

16 Q And you have to haul water irrespective of the  
17 weather conditions, whether it's pleasant, whether it's  
18 raining, whether it's snowing, ice, you still have to  
19 obtain water?

20 A Yeah.

21 Q And, Ruben, who else lives in that household  
22 besides yourself?

23 A Me and my 2 kids.

24 Q What are the ages of your children?

25 A 8 and 11.

1 Q And the 8 year old is a son, is that correct?

2 A Yeah.

3 Q 11 year old is a daughter?

4 A Yeah.

5 Q Ruben, are you aware of a notice that was  
6 published by the South Anderson Water District in the  
7 Anderson News that's the local newspaper back in August  
8 of 1998 and then again in February of 1999 indicating  
9 that Willow Creek Road, which is Aaron-Barnett Road, was  
10 to become part of a water expansion project of the South  
11 Anderson Water District and therefore that road would to  
12 receive water?

13 A Yes.

14 Q Okay.

15 Ruben, I show you a copy of the notice. This was  
16 a notice that was run in the February 17 and February 24  
17 Anderson News, 1999, and I am going to ask you, is that  
18 the notice that you read?

19 A Yeah, that's it.

20 Q And that notice does, indeed, indicate, as you  
21 have testified, that the South Anderson Water District  
22 was going to build water lines along Willow Creek Road?

23 A Yeah.

24 Q When you first read this notice, Ruben, what was  
25 your impression or belief about this notice?

1           A           I didn't have no doubts what water wasn't going  
2 all the way through.

3           Q           Was there anything about the notice or outside or  
4 any information outside the notice that led you to  
5 believe that the entire Willow Creek Road was not going  
6 to receive water?

7           A           No.

8           Q           But at some point, Ruben, you did find out, of  
9 course, that only part of Willow Creek Road was going to  
10 receive water, is that correct?

11          A           Yeah.

12          Q           And how did you find out that the proposed  
13 expansion project was not to include all of Willow Creek  
14 Road, especially not to include the section where you  
15 live?

16          A           The--one of my realtors sent a man down there to  
17 look at a piece of ground. And I told him city water  
18 was coming through and he wanted to know when. And I  
19 told him I couldn't answer that. He would have to go to  
20 the South Anderson Water District and find out.

21                       And after he come down there 3 times, he went  
22 back to the South Anderson Water District and asked them  
23 when was water coming through. And they told him water  
24 was coming through part of Willow Creek Road, but coming  
25 through Ruben Barnett property wasn't in no future.

1                   And so he dropped up his ground and went  
2                   somewhere else and bought one.

3                   Q           You were told that by the realtor that a  
4                   representative of the South Anderson Water District said  
5                   that coming through Ruben Barnett's Road was not in the  
6                   future?

7                   A           I don't remember the boy's name that was looking  
8                   at the piece of ground. But he told the realtor and  
9                   then the realtor told me.

10                   MR. THOMAS: Okay.

11                   I am going to mark this as Ruben Barnett Exhibit  
12                   1. I will get a copy of that so we can attach to the  
13                   transcription.

14                   Q           Ruben, once you found this out that there was no  
15                   plans to build water along your portion of Aaron-Barnett  
16                   Road, what did you do then?

17                   A           Well, I went to talking to different ones, the  
18                   rest of the people that lived on that road. And I  
19                   talked with different ones of them.

20                   And I think Stevie Drury is about one of the  
21                   first ones I talked to. And where the water was coming,  
22                   he wasn't going to get city water. Then, he told me he  
23                   talked with the magistrate and then he talked to Allison  
24                   Walker and they changed their minds and said it would  
25                   come on down another six-tenths of a mile and get the 5

1 or 6 houses there water.

2 But they wouldn't come no further.

3 Q Did you talk to some others besides Mr. Drury who  
4 were not going receive water?

5 A I talked to everybody up and down that road that  
6 wasn't going to get water, yeah.

7 Q Do you recall how many people that was, Ruben?

8 A I talked to that Ray Eric (sic) and that Ruckor.  
9 I don't know what his first name is, though.

10 Q Would that be Tim Ruckor?

11 A Yeah.

12 And then I talked to Elvis Thompson. And I  
13 talked to Lou is from Lexington. I don't remember his  
14 first name.

15 Q Would that be Lou DeFino?

16 A Yeah. I can't remember his last name. And I  
17 talked to Jim Riggle.

18 Q So that's about 5 or 6 people that you spoke to?

19 A Yeah.

20 Q Okay.

21 Did they all seem interested in trying to obtain  
22 water from the South Anderson Water District?

23 A Yeah. They was all upset because it wasn't  
24 coming on through.

25 Q Did you ever go talk to the South Anderson Water



1 District and ask them to run water lines throughout your  
2 property on up the road? Did you ever go talk with the  
3 people?

4 A No.

5 Q But at some point you did hire an attorney  
6 obviously?

7 A Yeah.

8 Q And did you instruct your attorney to go talk  
9 with the people from the South Anderson Water District  
10 to ask them to modify their plans.

11 A I give the attorney to do what he needed to do  
12 and what he had to do, anything he had to.

13 Q Ruben, with the water that you use from your  
14 cistern, your water that you have now that you haul in,  
15 I am going to ask you a set of functional uses and tell  
16 me whether you use the water for those functional uses.

17 Do you use the water, Ruben, for instance to  
18 bathe?

19 A Yes.

20 Q What about to cook?

21 A Yes.

22 Q Ruben, what about--you have animals on your  
23 property. What about to feed animals?

24 A Yes.

25 Q What about to drink?

1 A No, we don't drink that water.

2 Majority of them, they drink soft drinks and tea.

3 I got a boy that loves water. I even went and had a  
4 filter put in 3 months ago. And it didn't work out  
5 because it wouldn't pump water through right. And he  
6 had to come back and take it out.

7 Q So when you and your children want to drink  
8 water, do you purchase water from the store, bottled  
9 water to drink?

10 A Yeah, when I do. I don't buy that much of it.  
11 But the boys won't drink the water either. Says it  
12 tastes nasty.

13 Q Ruben, have you ever been given any explanation  
14 as to why the South Anderson Water District will not run  
15 the water lines up along your property?

16 A All I have ever heard they said it wasn't but 2  
17 houses on through there. And that wasn't enough houses  
18 but--

19 Q But from your previous testimony, that's not true  
20 now? There are more than just 2 houses up there?

21 A There was more than 2 then.

22 Q How many were there, Ruben?

23 A I know there was 5.

24 Q 5 counting yourself or 5 excluding yours?

25 A Really including myself.

1 Q Ruben, have you ever measured the area that would  
2 remain incomplete in terms of water lines along  
3 Aaron-Barnett Road? Do you have an idea how long a  
4 stretch that is?

5 A Where they say they are going to run?

6 Q You indicated that you told me that they are  
7 going to run a little bit longer than what was initially  
8 proposed, what they had initially proposed.

9 From the point where you believe the water line  
10 is now going to stop through the remainder--to the  
11 remained--remaining end of Aaron-Barnett Road, do you  
12 have any idea how long that is?

13 A Yeah, I measured ever way that I heard anything  
14 about where they said they--you told me they had it on  
15 paper they were going to run it a mile and two-tenths.  
16 Then it was--said they was going to stop at a mile and  
17 seven-tenths. And I measured both of them ways and I  
18 measured it all the way through.

19 Q If they run it a mile and seven-tenths or a mile  
20 and eight-tenths and there is a portion that's  
21 incomplete, what I am trying to ask you and get an  
22 answer, if you know it, if you know it, is what is the  
23 length of the road that's going to remain unfinished?

24 A How much?

25 Q How much?

1           A        If they run it a mile and eight-tenths, it will  
2           be and mile and two-tenths not run.

3           Q        So somewhere between a mile and two-tenths and a  
4           mile and three-tenths will remain incomplete--

5           A        Yeah.

6           Q        Under the proposed water expansion project?  
7           Okay.

8                     Ruben, you have also looked at some other roads  
9           other than Willow Creek Road that have been proposed for  
10          expansion by the South Anderson Water District, isn't  
11          that true?

12          A        Yes, it's true.

13          Q        You have looked at a Lick Skillet Road. You have  
14          looked at Rice Road.

15                    And when you looked at those roads, what did you  
16          find or what did you observe? Let's take Lick Skillet  
17          first?

18          A        Well Lick Skillet was 2 mile and eight-tenths  
19          long. The first time I looked at it, it just had one  
20          house in Anderson County. And I believe it was 7  
21          trailers and houses in Washington County. Because part  
22          of that road is in Washington County and part of it is  
23          in Anderson County.

24                    The last time I drove across it, there had been a  
25          new house went up in Anderson County.

1 Q There are 2 houses?

2 A Yes. But one of them now is abandoned.

3 Q And there is still 7 houses that remain in  
4 Washington County?

5 A Yeah.

6 Q So installation of water lines along Lick Skillet  
7 would benefit Washington Countians more than it would  
8 benefit Anderson Countians, is that your observation?

9 A Yeah.

10 Q What about Rice Road?

11 A Uh, it was a mile and--

12 Q To the best of your knowledge?

13 A I believe a mile and two-tenths back to the last  
14 house. I don't know whether they is going back just to  
15 the last house or whether they are going on to the  
16 river. But--and it was 4 hookups.

17 Q Okay.

18 Anything else?

19 A No, not that I know of.

20 Q All right.

21 Ruben, if the South Anderson Water District were  
22 to continue to construct water lines along the remaining  
23 part of Aaron-Barnett Road which would include your  
24 house, would you be willing to be a customer--

25 A Yes.

1 Q Of the water district? So you really want city  
2 water?

3 A Yeah.

4 Q And you would sign up for and become a user of  
5 the water provided by the South Anderson Water District?

6 A Yeah.

7 Q Ruben, this is not the first time that you have  
8 had problems with the South Anderson Water District,  
9 that you have had a conflict with them, isn't that  
10 correct?

11 A That's right.

12 Q You had a conflict with them 5 years ago?

13 A Yeah.

14 Q And what was the nature of that disagreement  
15 between the South Anderson Water District? Why did you  
16 all disagree 5 years ago?

17 A I hired South Anderson to run the water down to  
18 my river bottoms on Rice Road. And they told me when I  
19 signed up, when I went up there and talked to them and  
20 all it was 2 ways I could set it up and they would pay  
21 me back.

22 I could set it up where everybody would pay for,  
23 on the outside of the bottoms where I had 8 lots at the  
24 bottom, and if anybody hooked up outside of the bottoms,  
25 like the 9th person hooked on, they would pay me 1/9 of

1 what it cost me. And that a way on the 10th person  
2 would pay me eight parts, say the ninth person for one  
3 part, that a way for 5 years. Or, I could take it and  
4 let everybody, including the 8 lots at the bottom, let  
5 everybody pay to me for 50 foot of what it cost me for  
6 10 years.

7 And I told Allison Walker then that I would take  
8 it for the 5 year deal. And he said all right. He sent  
9 it to Frankfort to where he was supposed to send it to  
10 and get it approved and sent it to me. And he did. He  
11 sent it and got it approved and signed it and sent it to  
12 me.

13 And then later on when a couple of the houses in  
14 the bottom hooked up, he seen me in town one day and he  
15 told me he needed to get with me and pay me for--there  
16 had been a couple of them houses hooked up out there and  
17 he needed get with me to pay me for 50 foot of each one  
18 of them.

19 And I told him that he didn't owe me 50 foot at  
20 each one of the bottoms. That all he owed me any time a  
21 person hooked up on outside of the bottom. And he got  
22 mad and said, no, it wasn't approved that way and we  
23 won't pay you that way.

24 Q And so you ended up taking this matter to the  
25 Public Service Commission?



1 A Yeah.

2 Q And what was the result?

3 A They wouldn't give us no hearing.

4 Q So you didn't get a hearing then?

5 A No. Huh, uh. They wouldn't even give us a  
6 hearing. They just come back and said they didn't know  
7 it was going to be a subdivision and all South Anderson  
8 had to pay was the 50 foot of each hookup. And I never  
9 received a payment one on none of them yet.

10 Q So there is still some outstanding monies owed to  
11 you by the South Anderson Water District, is that your  
12 opinion?

13 A Yeah.

14 Q Do you think that this agreement had any  
15 influence or effect on the decision by the South  
16 Anderson Water District not to run water lines  
17 throughout the entire Willow Creek Road?

18 A I think that's the only reason.

19 Q I want to go back to the notice again that's  
20 Exhibit 1 to your testimony.

21 Did you ever, Ruben, attend any of the public  
22 hearings sponsored by the South Anderson Water District  
23 to discuss their proposed expansion project?

24 A I attended one after I hired an attorney, with  
25 him.

1 Q But other than that, back in August of 1998 or  
2 February of 1999, you didn't go to any of the public  
3 hearings mentioned in the notice?

4 A No.

5 Q And why not?

6 A Well, I didn't have no reason to go until I found  
7 out later on about the middle of '99 that it  
8 wasn't--that water wasn't going all the way through.  
9 And that's when I got together and hired an attorney. I  
10 knew it wasn't any use in me talking to them.

11 Q I cut you off?

12 A I knew I couldn't talk with them. So I just went  
13 and hired an attorney and got it over with.

14 Q So is it correct to say, Ruben, that you assumed  
15 from reading the notice that all of Willow Creek Road  
16 was going to be served by the water expansion project?

17 A Yeah. That's what I thought. Who wouldn't think  
18 it? That's what it had in there, Willow Creek Road is  
19 going to be run.

20 Q Ruben, were you ever told by your attorney or by  
21 the commissioners for the water district themselves that  
22 after this water expansion project was finished, it  
23 would be about 10 years before another expansion project  
24 would be approved by South Anderson Water District.

25 Did you ever hear that?

1 A Yes.

2 Q And you were told that by whom?

3 A By you.

4 Q Okay.

5 And your attorney relayed that to you?

6 A Yeah.

7 Q Based upon a meeting that he had with the Board  
8 of Commissioners?

9 A Yes.

10 Q Ruben, why are you pursuing this matter before  
11 the Public Service Commission? Why do you feel that you  
12 have been wronged in some way here?

13 A Well, to start with, when I--when I first  
14 started, I had about 6 lots or tracts of land for sale  
15 up and down the road. And I knew city water would make  
16 it sell better. And I knew it wasn't right to put it in  
17 the paper they was going to run the road and then just  
18 run part of it.

19 And I felt like they was doing it to spite me.  
20 But now then, I have sold 4 tracts of the ground. But I  
21 still would like to have city water. But I think they  
22 are wrong putting the ad in the paper they are going to  
23 run the road and not run all of it.

24 If they wasn't going to run all it, they ought to  
25 have put in there we are going to run a mile and

1 two-tenths of the road and run a mile and two-tenths,  
2 you know. And I wouldn't have no reason to hire a  
3 lawyer and brought suit against them.

4 Q Any other reasons, Ruben, why you are upset and  
5 feel like you are being harmed by the South Anderson  
6 Water District because of their refusal to extend water  
7 lines along your property?

8 A Yes.

9 Not right now, but in the near future when my  
10 kids gets ready to go college or something, then I will  
11 need to sell more of the land to get money to send them  
12 to college with.

13 But if they wait 10 years before they run the  
14 line, then my kids will already be in college or if they  
15 can get to college. And, in my opinion, they won't be  
16 able to get there.

17 And another thing, once they run city water to  
18 all of the roads they got down there and just run city  
19 water on part of Willow Creek, if they do that, my land  
20 is done selling unless I want to take half-price for it  
21 because people is going to buy where there is city  
22 water.

23 And it's just not right to run water down part of  
24 the way of Willow Creek and run every road up and down  
25 the road before you get to Willow Creek. And then run a

1 mile and two-tenths, a mile and eight-tenths or whatever  
2 they are going to run down Willow Creek and then skip a  
3 mile and two-tenths. And then go on down the road a  
4 half a mile and start running another road and run all  
5 the roads on down through there for a long ways, it just  
6 is not right.

7 Q There are no plans to--oh, you say skip a mile  
8 and two-tenths. You mean skip--

9 A On Aaron-Barnett Road.

10 Q On Aaron-Barnett Road? Okay.

11 Ruben, you have a pretty firm knowledge of how  
12 much it is going to cost the entire scope of the  
13 proposed water project, is that correct? You know about  
14 how much money the water district is going to obtain to  
15 build these water lines, correct?

16 A I have been told \$2.2 million.

17 Q And you were told that by whom?

18 A My attorney.

19 Q Ruben, I realize you are not an engineer. But  
20 you said you did build some lines down in Rice Road  
21 about 5 years ago, you had some water lines built?

22 A Yeah.

23 Q To the best of your knowledge, based upon what  
24 you had to pay to build water lines 5 years ago, about  
25 how much would it cost to complete the water line

1 construction along Aaron-Barnett Road.

2 What do you think?

3 A Well, it's hard to say. But I paid South  
4 Anderson Water District \$21,495 to run six-tenths of a  
5 mile. But that road is different than it is down home.  
6 It wasn't nothing but rock, just about the whole  
7 six-tenths of a mile.

8 And down home, I don't think there is no rock to  
9 amount to nothing. They will hit rock. I am talking  
10 about they are going to hit small rock. But I am  
11 talking about ledges like was on Rice Road.

12 But I also know things have went up some. But I  
13 don't feel like it went up that much.

14 Q So is your answer then, Ruben, you think it would  
15 cost something in the neighborhood of--

16 A \$30,000 or \$35,000 would run it the rest of the  
17 way easy.

18 Q And that would serve you and at least 5 other  
19 people is your testimony?

20 A Yes. At this time. And there is also another  
21 man, Lou De--

22 Q DeFino?

23 A DeFino is trying to get a permit to build 2  
24 houses for him and his daughter. But he has not got it  
25 yet.

1 right.

2 Now, then, they didn't. And I don't think they  
3 have any right to turn the money loose until Willow  
4 Creek Road has been approved to run.

5 Q You think the notice was misleading in terms of  
6 what the South Anderson Water District represented it  
7 was going to do in terms of constructing water lines?

8 A Yes.

9 Q And so, therefore, you think the--to summarize,  
10 you think the federal money should not be released until  
11 the notice has been corrected?

12 A That's right.

13 Q Ruben, I knew there was one other question I  
14 wanted to ask you. Let me ask you this.

15 With regards to your children, your children have  
16 lived at 1560 Aaron-Barnett Road all of their lives, is  
17 that correct?

18 A Yeah.

19 Q Have you ever noticed any illnesses or health  
20 problems with them as a result of their constant  
21 exposure to water from a cistern?

22 A I can't say.

23 They have been sick different times. All kids, I  
24 guess, get sick different times. But really I have  
25 never brought it up to a doctor about the water and I



1 can't say whether it's the water or whether it's not the  
2 water.

3 Anybody knows that city water is better to drink  
4 and everything than water you haul. Your cistern, when  
5 you catch water off the house and have water hauled to  
6 the house, you know you get dirt in it and leaves in it  
7 and grit in it. And it don't taste right.

8 That's the reason my boy won't drink water at  
9 all. And the girl, she don't say much about it. She  
10 don't care much about water and I don't either to drink,  
11 you know, like he does.

12 But he goes to his mother's or he goes up to his  
13 grandmother's and all he comes back and talks about how  
14 good the water is.

15 Q Ruben, there has been some testimony by some of  
16 your neighbors that they have had busted water tanks as  
17 a result of the constant hauling of water back and  
18 forth.

19 Have you ever busted a water tank trying to haul  
20 water?

21 A No. I have never.

22 I bought a water truck that had a big tank on it  
23 and hauled water for about 2 years until I had my right  
24 knee replaced. Then I come home and fallen on that when  
25 I went to get water one day. And I promised myself if I

1           made it back home without hurting my knee that I  
2           wouldn't haul no more and I didn't. I sold my truck and  
3           went to hiring it all.

4           Q           So now you pay to have water hauled to you, is  
5           that right?

6           A           Yeah, yeah.

7           Q           But you injured your knee by having to have to  
8           haul water one time?

9           A           No. I said I come almost falling. And if I had  
10          of, I would have injured it. And I decided to quit  
11          hauling water before I did.

12          Q           Okay. All right.

13                    And again, Ruben, just to clear--make one thing  
14          clear. Just to be clear about one point.

15                    If the South Anderson Water District did run  
16          water through your property, you would hook on to it?

17          A           Yes.

18          Q           No questions, no doubts about that?

19          A           There is no doubt.

20                    MR. THOMAS: That's it.

21

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CERTIFICATE

STATE OF KENTUCKY  
COUNTY OF FRANKLIN

I, Georgene R. Scrivner, a notary public in and for the county aforesaid, do hereby certify that the above and foregoing is a true, correct and complete transcript of the sworn statement of RUBEN BARNETT, taken at the time and place and for the purpose set out in the caption hereof; that the witness was duly sworn before giving his testimony; that said testimony was taken down by me in stenotype and afterwards transcribed by me; that the appearances were as set out in the caption hereof; and that no request was made that the transcript be submitted to the witness for reading and signature.

Given under my hand this 10th day of February, 2000.

\_\_\_\_\_  
Georgene R. Scrivner  
Notary Public  
State of Kentucky at Large

My Commission Expires: 7/15/2003

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GENERAL COUNSEL

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PUBLIC SERVICE  
COMMISSION

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION  
CASE NO. 99-431

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IN THE MATTER OF:

RUBEN BARNETT

COMPLAINANT

-vs-

SWORN STATEMENT OF THOMAS REDMON

SOUTH ANDERSON WATER DISTRICT

DEFENDANT

\* \* \* \* \*  
A P P E A R A N C E S  
\* \* \* \* \*

Hon. Reginald L. Thomas  
P. O. Box 1704  
Lexington, Kentucky 40588  
FOR THE COMPLAINANT

FEBRUARY 8, 2000

GEORGENE R. SCRIVNER  
COURT REPORTER  
STENOTYPIST

1                   The foregoing sworn statement was taken on  
2                   Tuesday, February 8, 2000, in the first floor conference  
3                   room, Anderson County Courthouse, Lawrenceburg, Anderson  
4                   County, Kentucky, beginning at the hour of 1:10 p.m.,  
5                   for all purposes permitted under the Kentucky Rules of  
6                   Civil Procedure.

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THOMAS REDMON

the said witness, being first duly sworn, testifies as follows:

DIRECT EXAMINATION

By Mr. Thomas

Q Tom, my name is Reginald Thomas, as you well know. We have met before and I am the attorney for Ruben Barnett in his complaint against the South Anderson Water District before the Public Service Commission.

I have asked you to be here today because you will be one of the witnesses who will testify at the public hearing scheduled for March 9, 2,000 at the Public Service Commission building.

I am going to ask you a few questions which will cover your testimony at that hearing. If at any time you don't understand my questions, Tom, ask me to repeat them. Again, I just am here to get information from you. If there is something you don't understand, I will try to rephrase my question or ask it in a clearer form.

Do you have any questions of me, Tom, before we begin?

A No.

Q Tom, could you state your name for the record please?

1 A Thomas Redmon, R-E-D-M-O-N.

2 Q And, Tom, where do you reside?

3 A 1451 Aaron-Barnett Road.

4 Q And, Tom, how long have you lived at 1451  
5 Aaron-Barnett Road?

6 A 2 months.

7 Q So you just moved there in December of 1999?

8 A Yes.

9 Q Now, Tom, are you aware that the South Anderson  
10 Water District is planning to build water lines along a  
11 part of Aaron-Barnett Road?

12 A Yes.

13 Q And are you aware that their proposed  
14 construction of those water lines plans to stop  
15 somewhere along a creek at the bottom of Aaron-Barnett  
16 Road? If you went along Aaron-Barnett Road from, I  
17 guess, milemarker 8 on US 62, it's going to travel about  
18 1.7 miles.

19 Are you aware of that?

20 A Yes.

21 Q Where do you live? Where is 1451 Aaron-Barnett  
22 Road in relation to where the proposed water line is  
23 going to stop?

24 A I am not exactly sure the exact point where it  
25 is. But I am just past the second bridge down at the



1 bottom of the creek at the turn.

2 Q Okay.

3 So if I were traveling along Aaron-Barnett Road  
4 from about milemarker 8 on US 60--off of US 62, would I  
5 come to your residence before I would come to Ruben  
6 Barnett's residence?

7 A Yes.

8 Q Okay.

9 Tom, what is your present water supply at your  
10 house?

11 A I have a cistern.

12 Q Do you have to go to a filling station or a water  
13 supply station to go purchase water?

14 A I have it hauled in instead of doing it.

15 Q And how often do they haul water to your home,  
16 Tom?

17 A Generally about every 2 to 3 weeks.

18 Q How much do you pay for that, Tom?

19 A \$25 each time.

20 Q Is that \$25 per haul?

21 A Yes.

22 Q So they charge you per haul rather than by the  
23 gallon or by the ton or something like that?

24 A Well, it's by a haul. But one load is enough to  
25 fill my tank.

1 Q Okay. All right.

2 Tom, you already indicated that you are aware  
3 that the South Anderson Water District is building water  
4 lines along part of Aaron-Barnett Road but not along the  
5 part where you reside.

6 If the water district were to extend its water  
7 lines past your residence, would you be willing to be a  
8 customer of the South Anderson Water District?

9 A Definitely.

10 Q Would you take water?

11 A For sure.

12 Q Okay.

13 Tom, are you aware that about sometime around  
14 August 1998 and then again in February of 1999, the  
15 South Anderson Water District published a notice in the  
16 newspaper indicating that it was going to construct  
17 water lines along Aaron-Barnett Road. I think they said  
18 Willow Creek Road in the notice.

19 Are you aware of that?

20 A Yes.

21 Q Did you go to any of those meetings that were  
22 scheduled and planned by the South Anderson Water  
23 District to discuss its proposed water expansion?

24 A No.

25 Q And why didn't you go, Tom?

1           A           I wasn't living in the area then, didn't own  
2 property in the area and it didn't really concern me at  
3 that time.

4           Q           Okay.

5                       Well, you said you read the notice. And when you  
6 read the notice where it said they was going to build  
7 water lines along Willow Creek Road, what did you think?

8                       Did you have any impressions as to what that  
9 meant?

10          A           It said along Willow Creek Road. So I assumed  
11 they were going to do the entire road.

12          Q           Did you have any reason to believe differently?

13          A           No, not according to what was written.

14          Q           Okay.

15                       Tom, is there anything else that you would like  
16 to say regarding your desire or your interest to receive  
17 water from the South Anderson Water District?

18          A           Just basically I wish they would run it all the  
19 way through to allow everyone to have the same  
20 opportunity to have, you know, city water. So I don't  
21 have to go get water myself or have someone haul it in,  
22 the inconvenience of that. Or live out of a cistern  
23 because it's not near as safe for my family and I.

24          Q           Okay.

25                       When you say your family and I, who else lives in

1 your household besides yourself, Tom?

2 A It's just my wife and I.

3 Q Okay.

4 And when you say that it is not as safe, what do  
5 you mean by safe?

6 A I mean just the water. It can't be as safe, you  
7 know, sitting there in that cistern like that. Has to  
8 be some type of bacteria or some type of something.

9 Q Have you or your wife ever noticed or ever felt  
10 any ill effects from the water that you use from the  
11 cistern?

12 A Not yet. We can't say that for sure.

13 Q That's probably due to the fact that you have  
14 only been there such a short time?

15 A Right. We have only been there 2 months. I know  
16 you could definitely tell a difference in the water, you  
17 know, as far as taste of the water. We very rarely  
18 drink the water. We usually go to the grocery and buy  
19 bottled water and things like that for drinking or for  
20 cooking or food most of the time.

21 Usually just use the water for bathing, things  
22 like that.

23 MR. THOMAS: Okay. Tom, that will do it. That's  
24 it for you. Thank you very much.

25

CERTIFICATE

STATE OF KENTUCKY  
COUNTY OF FRANKLIN

I, Georgene R. Scrivner, a notary public in and for the county aforesaid, do hereby certify that the above and foregoing is a true, correct and complete transcript of the sworn statement of THOMAS REDMON, taken at the time and place and for the purpose set out in the caption hereof; that the witness was duly sworn before giving his testimony; that said testimony was taken down by me in stenotype and afterwards transcribed by me; that the appearances were as set out in the caption hereof; and that no request was made that the transcript be submitted to the witness for reading and signature.

Given under my hand this 10th day of February, 2000.

\_\_\_\_\_  
Georgene R. Scrivner  
Notary Public  
State of Kentucky at Large

My Commission Expires: 7/15/2003

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PUBLIC SERVICE  
COMMISSION

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COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION  
CASE NO. 99-431

IN THE MATTER OF:

RUBEN BARNETT

COMPLAINANT

-vs-

SWORN STATEMENT OF JOHN NORMAN  
CUNNINGHAM

ANDERSON WATER DISTRICT

DEFENDANT

\* \* \* \* \*  
A P P E A R A N C E S  
\* \* \* \* \*

Hon. Reginald L. Thomas  
P. O. Box 1704  
Lexington, Kentucky 40588  
FOR THE COMPLAINANT

FEBRUARY 8, 2000

GEORGENE R. SCRIVNER  
COURT REPORTER  
STENOYPIST

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1                   The foregoing sworn statement was taken on  
2                   Tuesday, February 8, 2000, in the first floor conference  
3                   room, Anderson County Courthouse, Lawrenceburg, Anderson  
4                   County, Kentucky, beginning at the hour of 4:10 p.m.,  
5                   for all purposes permitted under the Kentucky Rules of  
6                   Civil Procedure.

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JOHN NORMAN CUNNINGHAM

the said witness, being first duly sworn, testifies as follows:

DIRECT EXAMINATION

By Mr. Thomas

Q John, as you know, I am Reginald Thomas and I am the attorney for Ruben Barnett in his complaint against the South Anderson Water District which is filed before the Public Service Commission here in the Commonwealth of Kentucky. A hearing has been scheduled in this matter for Thursday, March 9 of 2,000.

And as part of the pretrial order by the Public Service Commission, any person who is going to testify before that case must have their testimony verified and submitted to the Public Service Commission by Monday, February 14.

So, therefore, since you are a potential witness in that case, your testimony is being sworn and transcribed today so that you may be used as a witness at the March 9 hearing.

I only have a very few questions of you, John. And really my questions of you differ from the questions I have asked other witnesses today because of your relationship to Ruben as his real estate agent.

So unless you have any other questions of me, why



1 don't we go ahead and begin?

2 A Let's begin.

3 Q State your name for the record?

4 A John Norman Cunningham.

5 Q And John, where do you reside?

6 A 200 West Lincoln Street in Lawrenceburg,  
7 Kentucky, 40342.

8 Q And, John, are you a lifetime resident of  
9 Anderson County?

10 A Yes.

11 Q As a matter of fact, you were once a city  
12 councilman here in Anderson County, is that correct?

13 A That is correct.

14 Q And you have been active in civic affairs here in  
15 Anderson County for at least most of your adult life, is  
16 that fair to say?

17 A Yes.

18 Q John, how are you presently employed?

19 A Well, I am what you call semiretired. I retired  
20 from IBM. I worked there 30 years. I have been selling  
21 real estate for 22 years. And real estate is all that I  
22 do now.

23 Q Is Ruben Barnett one of your real estate clients  
24 or customers?

25 A Yes, he is.

1 Q And how long have you had a business relationship  
2 with Ruben?

3 A I believe about 3 years.

4 Q Did you know Ruben before you established a  
5 business relationship?

6 A I knew him through his brother, Aaron, because I  
7 had had business with Aaron, his brother. And I had  
8 sold some property for Aaron.

9 And after my success with Aaron, Ruben called me  
10 and said he wanted to talk to me and that's how that's  
11 that began.

12 Q And would you characterize your business  
13 relationship as being one that's been mutually  
14 beneficial?

15 A Oh, yes, yes.

16 Q What actions or what actions have you done in  
17 terms of working with Ruben in his--in your real estate  
18 transactions? Have you sold any property? Have you  
19 purchased any property? What have you done on behalf of  
20 Ruben?

21 A I have sold the trailer on the creek where his  
22 mother-in-law used to live. Then up the hill behind  
23 that, I sold I think it was over 100 acres to Mr.  
24 Redmon. And then I sold to 2 people, brother-in-laws--I  
25 will ask Mr. Barnett.

1 Q He can't testify. But you sold to 2 of his  
2 brother-in-laws?

3 A No. 2 guys that were brother-in-laws. I can't  
4 remember their names.

5 Q That's not really necessary?

6 A And they put in trailers. And then I sold to Jim  
7 Riggle from Florida 50-some acres. And that only leaves  
8 us a 6.7 acre tract on Willow Creek Road. And then a 68  
9 acre tract with 150 feet of road frontage on US 62. And  
10 that will take care of everything Mr. Barnett owns that  
11 lies in between Willow Creek and US 62, US 62 on the  
12 south, Willow Creek on the north side.

13 Q So to your knowledge, then, he only has one tract  
14 of land to be sold?

15 A No. We have got 2 tracts. 6.17 acres and  
16 approximately 68 acre tract. And that's fronting on US  
17 62. And there is already city water going down 62. So,  
18 you know, that to me doesn't seem to come into play in  
19 this situation.

20 Q So the only tract of land that he has to sell  
21 along Aaron-Barnett or Willow Creek Road, they are one  
22 in the same, will be the 6.7 tract?

23 A Uh, huh.

24 Q There have been allegations made by the South  
25 Anderson Water District that Mr. Barnett's motivation

1 for wanting water is solely one for economic gain, that  
2 he has several tracts of land or several lots that he  
3 wants to sell. And by having water available, city  
4 water available, this will enhance his value and enhance  
5 his ability to sell these tracts or lots at a profit.

6 But your testimony that you have just given  
7 indicates that that is not true?

8 A That is correct. There is only one tract, the  
9 6.17 acres or 6.7, a little over 6 acres, that's the  
10 only thing left on Willow Creek.

11 Q The 68 tract that you referred to already has  
12 access to water lines?

13 A Yeah, on 62 because it has 150 feet of road  
14 frontage on US 62.

15 Q Mr. Barnett does have a homestead on  
16 Aaron-Barnett Road, isn't that correct?

17 A That is correct.

18 Q Where he lives with his 2 children, is that  
19 correct?

20 A That's correct.

21 Q But that land is not for sale to your knowledge?

22 A No.

23 Q Mr. Barnett intends to continue to live there and  
24 raise his children there?

25 A As far as I know, that's his intent.

1 Q And any water, to the best of your knowledge, any  
2 water that came along Aaron-Barnett Road that he would  
3 tap into would primarily benefit his homestead property?

4 A That's correct.

5 Q Are there any other land interests that I haven't  
6 mentioned to you along Willow Creek Road that you know  
7 of that would be relevant to this present case of Mr.  
8 Barnett's desire to get water along Aaron-Barnett Road?

9 A No, other than the 5 pieces of property that's  
10 been sold plus his home place, which makes 6, that's the  
11 only ones I know of because from what I understand, the  
12 water was going to go to the creek. So the rest of the  
13 properties going back to the east on Willow Creek would  
14 benefit from that. They would have their city water.

15 And I don't think it's as many houses going back  
16 the other way as it is coming this way to where they  
17 want to discontinue. Because I sold Mrs. Tipton's  
18 property there on Willow Creek. And then she has a son  
19 still there. And then the neighbors next to her. And  
20 then Aaron Barnett's property which I sold--which I have  
21 sold it twice. That's the only houses there.

22 Q Are there--so to your knowledge, there are a  
23 number of residences along that stretch of Aaron-Barnett  
24 Road that's not scheduled to get water that are affected  
25 by this decision not to get water?

1 A Uh, huh. And let me back up. There is a couple  
2 of other houses before you get to Aaron's house.

3 Q Aaron you are referring to, would be Mr. Ruben's  
4 brother?

5 A Correct. And he is deceased. But there were, I  
6 think, when you turn off of Willow Creek off of 62,  
7 there is a 2 story house. And then there is a brick  
8 house. And I think there is only 2 houses before you  
9 get to Aaron's house. Then after you pass his house,  
10 there is the double-wide and a single-wide trailer and  
11 then another trailer. And then one more trailer sets  
12 back up on a hill.

13 Then you get to the creek. I think that's all on  
14 there. I hope I haven't confused you.

15 Q No, no. I understand perfectly?

16 A I was trying to visualize as you drive down that  
17 road.

18 Q Who lives out there.

19 Is there anything else you want to say, John,  
20 before we conclude your testimony, anything that you  
21 think I haven't asked you that would be relevant or  
22 pertinent to this case?

23 A Every time that I have had clients or discussed a  
24 parcel of land, and if it was out in the country,  
25 agricultural, one of the things they ask me, does it

1 have city water. And the availability of city water to  
2 me does induce the people to be more favorable in making  
3 an offer on the property.

4 Because you would be surprised the people that  
5 come out of the city and you talk to them about a  
6 cistern and they look at you kind of strange. They  
7 don't know what a cistern is.

8 So any time there is city water available, it  
9 does make the property more desirable.

10 MR. THOMAS: That's it.

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CERTIFICATE

STATE OF KENTUCKY  
COUNTY OF FRANKLIN

I, Georgene R. Scrivner, a notary public in and for the county aforesaid, do hereby certify that the above and foregoing is a true, correct and complete transcript of the sworn statement of JOHN NORMAN CUNNINGHAM, taken at the time and place and for the purpose set out in the caption hereof; that the witness was duly sworn before giving his testimony; that said testimony was taken down by me in stenotype and afterwards transcribed by me; that the appearances were as set out in the caption hereof; and that no request was made that the transcript be submitted to the witness for reading and signature.

Given under my hand this 10th day of February, 2000.

\_\_\_\_\_  
Georgene R. Scrivner  
Notary Public  
State of Kentucky at Large

My Commission Expires: 7/15/2003



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COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION  
CASE NO. 99-431

IN THE MATTER OF:

RUBEN BARNETT COMPLAINANT

-vs- SWORN STATEMENT OF LOU DEFINO

ANDERSON WATER DISTRICT DEFENDANT

\* \* \* \* \*  
A P P E A R A N C E S  
\* \* \* \* \*

Hon. Reginald L. Thomas  
P. O. Box 1704  
Lexington, Kentucky 40588  
FOR THE COMPLAINANT

FEBRUARY 8, 2000

GEORGENE R. SCRIVNER  
COURT REPORTER  
STENOPIST

1                   The foregoing sworn statement was taken on  
2                   Tuesday, February 8, 2000, in the first floor conference  
3                   room, Anderson County Courthouse, Lawrenceburg, Anderson  
4                   County, Kentucky, beginning at the hour of 3:55 p.m.,  
5                   for all purposes permitted under the Kentucky Rules of  
6                   Civil Procedure.

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LOU DEFINO

1  
2 the said witness being first duly sworn, testifies as  
3 follows:

4 DIRECT EXAMINATION

5 By Mr. Thomas

6 Q Lou, you have meet me before. As you know, my  
7 name is Reginald Thomas. I am an attorney for Ruben  
8 Barnett in his complaint before the Public Service  
9 Commission against the South Anderson Water District.

10 A Yes.

11 Q The reason we had asked you to be here today,  
12 Lou, is because you have indicated your willingness to  
13 be a witness at the hearing schedule before the Public  
14 Service Commission on Thursday, March 9, of this year?

15 A Yes.

16 Q In order for you to be able to testify at that  
17 hearing, it is necessary that Ruben and I, as his  
18 attorney, submit to the Public Service Commission by  
19 Monday, February 14, verified testimony of all persons  
20 who intend to be witness.

21 That's why you have been sworn in by the court  
22 reporter. That means everything you say sworn under  
23 oath and therefore verified. And once we file that,  
24 then you will be able to testify as to the items that we  
25 discuss here today.

1 I am going to ask you questions and therefore  
2 elicit testimony and statements from you.

3 If you don't understand a question I ask, Lou, or  
4 it is not clear, I will be glad to repeat it so that my  
5 questions to you will be clear and therefore your  
6 answers to my questions will be informative?

7 A (Nodding yes.)

8 Q Do you have any questions of me before we begin,  
9 Lou?

10 A I understand.

11 Q This shouldn't take too long. It's going to be  
12 straightforward and I will begin by asking you to state  
13 your name on the record?

14 A My is Louis J. DeFino.

15 Q And, Lou, what is your address?

16 A 2047 Gainesville Court, Lexington.

17 Q Lou, you have a Lexington address.

18 Do you have any property interest on  
19 Aaron-Barnett Road, or sometimes referred to as Willow  
20 Creek Road in western Anderson County?

21 A Yes, I do.

22 Q Could you please state for the record what  
23 property interest you have on Aaron-Barnett Road?

24 A I own 100 acres which is within about 15 to 20  
25 feet of Willow Creek Road or Aaron-Barnett Road. And I

1 have intentions of building a home there.

2 Q When you say you have intentions. Is this  
3 something that you are planning to do several years from  
4 now or are you planning to do immediately or what's your  
5 time frame?

6 A I plan to begin construction of my home this  
7 summer, this spring. And if I start, my daughter wants  
8 to go started. She wants to start simultaneously as I  
9 start my home, she wants to start hers.

10 Q Are you aware, Lou, that presently the South  
11 Anderson Water District is planning to construct water  
12 lines along part of Willow Creek Road or Aaron-Barnett  
13 Road, but that construction will stop short of your  
14 property there on Aaron-Barnett Road?

15 A I understand that's the way it is, yes.

16 Q So, therefore, you are also aware that if you  
17 build a home there right now or your daughter built a  
18 home there, neither one of you would have access to  
19 let's use the term city water presently?

20 A Yes. Yes, I understand.

21 Q If city water would be available to you, in other  
22 words, if the water district did complete construction  
23 of water lines throughout the entire Aaron-Barnett Road  
24 or Willow Creek Road, would you become a customer and  
25 user of that city water?

1 A Yes, I would.

2 Q Would that be preferable to you as opposed to  
3 having to haul water and use a cistern?

4 A Definitely.

5 Q And why do you say definitely?

6 A Just knowing the trouble, number one, with  
7 hauling water in a cistern. And, number two, the cost  
8 of putting a cistern in and the pumps and the fact that  
9 the water is cleaner.

10 Q Let me take each of those, not the third one, the  
11 water is cleaner pretty much speaks for itself.

12 When you say the trouble of hauling water, what  
13 do you mean by that? Can you elaborate upon that?

14 A What it would mean, in my case, is either hiring  
15 someone to haul water for me or setting up a water tank  
16 in the truck and hauling it up the hill and dumping it.  
17 It's an inconvenience.

18 A And you also indicated the cost involved in  
19 having to haul water as another reason why you prefer to  
20 have city water.

21 What do you mean by the cost involved? You said  
22 specifically the cost of a cistern. I assume you mean  
23 the cost of a cistern as well as the cost of purchasing  
24 the water itself?

25 A Right. And as well as a pump and what it

1 requires to set all of that up. And just the cost to  
2 maintain it to either pay for a truck and a tank or hire  
3 someone to haul the water in for you.

4 Q So your ability to tap into a water line, first  
5 of all, would save you lot of time and inconvenience?

6 A Yes, sir.

7 Q Would save cost in terms of building a cistern,  
8 maintaining a cistern and buying water?

9 A Correct.

10 Q And, thirdly, the water would be, in your  
11 opinion, cleaner to use?

12 A Yes.

13 Q I guess we are talking about using and again I am  
14 not trying to put words in your mouth. We are talking  
15 about using in terms of being able to bathe in the  
16 water?

17 A No. Mainly drinking water.

18 Q Drinking water, okay. You would feel comfortable  
19 drinking from the city water. I take it you would not  
20 feel comfortable drinking from water that you would haul  
21 in?

22 A Not near as comfortable.

23 Q Did you ever see a notice published in the  
24 Anderson News newspaper by the South Anderson Water  
25 District in which they announced their plans to

1           construct water lines along Willow Creek Road?

2           A        My wife had told me something about the fact that  
3           they were going to run water down Willow Creek.

4           Q        Did she say that in her mind was the water going  
5           to run along entirely along Willow Creek Road or did she  
6           say only part of it or what was her impression from that  
7           notice?

8           A        That it was going to be Willow Creek meaning in  
9           my interpretation of that was the full amount of Willow  
10          Creek.

11          Q        When did you or your wife find out that that was  
12          not going to be the case?

13          A        I am not sure of the time. But it's been at  
14          least a month and a half, 2 months.

15          Q        So either right before the end of last year, the  
16          beginning of this year is when you first became aware  
17          that the Water District did not plan to construct water  
18          lines entirely along Willow Creek Road?

19          A        Yes.

20          Q        But they were going to leave your property out?

21          A        Yes.

22          Q        And it is your testimony today that if changes  
23          were made and the water district did decide to construct  
24          water lines that cut across your property, you would  
25          become a customer of the water district?



1 A Yes, I would.

2 Q When your wife saw the notice in the newspaper by  
3 the district of their plans to construct water lines  
4 along Willow Creek Road, did she or you attend any of  
5 the public meetings sponsored by the water district?

6 A No.

7 Q Why did neither of you attend the public  
8 meetings?

9 A I guess first thing is I wasn't really aware that  
10 there was a public meeting. And, secondly, I don't know  
11 that I would have if I had known we were getting water.

12 In other words, if it were presented to me that  
13 if I had an interest I needed to be there, then I would  
14 have been there.

15 Q So the first thing that because your wife thought  
16 you were getting water, you saw no need for you to be  
17 there?

18 A Right.

19 Q But you if you had known that you were not going  
20 to receive water, then you would have taken a different  
21 attitude and would have been at the meeting, is that  
22 your testimony?

23 A Yeah, that's basically.

24 Q Lou, is there anything else that you would like  
25 to say regarding your desire or interest in obtaining

1 water from the South Anderson Water District?

2 A Only that it would make practical sense to me,  
3 maintenance sense, that if the water did a full loop  
4 around from 62 back onto 62, that it seems to me the  
5 mechanics of it would be simpler and less expensive to  
6 the--to Anderson County.

7 MR. THOMAS: Lou, thank you very much. That  
8 concludes your testimony.

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## CERTIFICATE

STATE OF KENTUCKY  
COUNTY OF FRANKLIN

I, Georgene R. Scrivner, a notary public in and for the county aforesaid, do hereby certify that the above and foregoing is a true, correct and complete transcript of the sworn statement of LOU DEFINO, taken at the time and place and for the purpose set out in the caption hereof; that the witness was duly sworn before giving his testimony; that said testimony was taken down by me in stenotype and afterwards transcribed by me; that the appearances were as set out in the caption hereof; and that no request was made that the transcript be submitted to the witness for reading and signature.

Given under my hand this 10th day of February, 2000.

\_\_\_\_\_  
Georgene R. Scrivner  
Notary Public  
State of Kentucky at Large

My Commission Expires: 7/15/2003

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COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION  
CASE NO. 99-431

IN THE MATTER OF:

RUBEN BARNETT COMPLAINANT

-vs- SWORN STATEMENT OF SCARLET MICHELLE  
RUCKOR

SOUTH ANDERSON WATER DISTRICT DEFENDANT

\* \* \* \* \*  
A P P E A R A N C E S  
\* \* \* \* \*

Hon. Reginald L. Thomas  
P. O. Box 1704  
Lexington, Kentucky 40588  
FOR THE COMPLAINANT

FEBRUARY 8, 2000

GEORGENE R. SCRIVNER  
COURT REPORTER  
STENOYPIST

1                   The foregoing sworn statement was taken on  
2                   Tuesday, February 8, 2000, in the first floor conference  
3                   room, Anderson County Courthouse, Lawrenceburg, Anderson  
4                   County, Kentucky, beginning at the hour of 2:40 p.m.,  
5                   for all purposes permitted under the Kentucky Rules of  
6                   Civil Procedure.

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1 if at any time you don't understand what I am asking or  
2 my questions are not clear, just let me know and I will  
3 be glad to repeat my questions so that you can  
4 understand it and therefore respond fully and  
5 informatively to that.

6 A Okay.

7 Q Do you have any questions of me before we begin?

8 A No.

9 Q Are you ready?

10 A I am ready, I guess.

11 Q State your name for the record, please?

12 A Scarlet Michelle Ruckor.

13 Q Do you go by Scarlet or Michelle?

14 A I go by Missy, actually. That's my nickname.

15 Q So I can call you Missy?

16 A That's fine.

17 Q Missy, where do you live?

18 A 1511 Aaron-Barnett Road.

19 Q 1511 Aaron-Barnett Road?

20 Now, Missy, if I am coming on Aaron-Barnett Road  
21 by milemarker 8 and US 62 and I go up and down that  
22 terrain and I cross the creek and then I start coming up  
23 towards Ruben's house, where do you live in relation to  
24 Ruben's house?

25 A As you start up the hill past the creek, I am the

1 third house on your left.

2 Q Third house on your left? Okay?

3 A Actually the fourth house on your left. I forgot  
4 to count one.

5 Q There has been a number of residences along that  
6 stretch of Aaron-Barnett Road?

7 A Right.

8 Q And, Missy, of course you are aware that there  
9 are plans to build water lines along part of  
10 Aaron-Barnett Road which will stop short of where you  
11 live?

12 A Right.

13 Q Missy, how long have you lived--you said 1561?

14 A 1511.

15 Q 1511. How long have you lived at 1511  
16 Aaron-Barnett Road?

17 A It will be 2 years in June of this year.

18 Q So you first moved there in June of '98?

19 A Right.

20 Q And who lives there at 1511 Aaron-Barnett Road  
21 other than yourself?

22 A My husband and 3 children.

23 Q How old are your children?

24 A 12, 10 and 8.

25 Q All girls?



1 A No. 2 boys and a girl.

2 Q 2 boys and the girl is the youngest?

3 A The girl's the youngest.

4 Q Missy, tell me, what is your present water? How  
5 do you presently receive water?

6 A We haul it and have a cistern.

7 Q And how often do you haul water to your residence  
8 with there being 5 there?

9 A I would say--I would average 6 loads a week.

10 Q 6 loads a week?

11 A Yep. With 3 kids, it takes a lot to keep all of  
12 the clothes clean.

13 Q That means--are you then hauling water, then,  
14 practically every day or every other day?

15 A Basically we haul twice a week, 3 loads at a  
16 time.

17 Q Haul twice a week, 3 loads at a time. When you  
18 say 3 loads at a time, you would go pick up one load and  
19 then come back and then go pick up a second load and  
20 then come back?

21 A Yep. 3 times.

22 Q Don't shake your head. You have to answer yes so  
23 the court reporter will pick it up and so the person  
24 reading the transcript will--

25 A We load it, drop it, go back, get another load,

1 load it, 3 times in one day.

2 Q How long does it take, Missy, when you do those 3  
3 loads?

4 A Anywhere from an hour to 3 hours depending on how  
5 many people is at the water station when we get there  
6 and how long you have to wait in line.

7 Q So it could be as much as 3 hours a day to engage  
8 in that activity, just for that activity?

9 A Yes, yes.

10 Q And you do it twice a week so we are talking  
11 about 6 hours a week?

12 A Yes.

13 Q Missy, what happens when the weather is bad?  
14 This is February now and we have had a pretty bad  
15 January in terms of snow.

16 What happens when the weather is bad? Does that  
17 prevent from you getting water or do you still fight  
18 through the ice and snow to get water?

19 A You still fight through the ice and snow to get  
20 water if you want water.

21 Q I imagine that could be pretty dangerous?

22 A Oh, it can be. We have slid our truck down in  
23 our yard and I have busted a water tank once already.  
24 It's cost us twice on a water tank already because I  
25 slid it out of the back of the truck.

1 Q So there is a financial liability that you have  
2 encountered or a financial loss that you have  
3 experienced because you have had to haul water?

4 A Right.

5 Q If you break a water tank or you say bust a water  
6 tank, how much does it cost to replace it, Missy?

7 A Around \$200 or better to replace one.

8 Q Missy, if you were able to get water from the  
9 water district or as we commonly refer to it as city  
10 water, would you and your husband do that?

11 A Oh, yes.

12 Q Sounds like to me there would be a cost savings  
13 alone just in not having to risk busting a water tank?

14 A The way my household runs, the time would help  
15 more than anything. Because my husband works first and  
16 I work third. And we go, go, go all the time.

17 So that 3 hours has to be in our plans.

18 Q Or 6 hours a week?

19 A Yeah, 6 hours a week.

20 Q So if you had water, one, it would save you 6  
21 hours a week in time, it would save you the risk and  
22 loss of water tanks--

23 A Yes.

24 Q And, of course, the safety in traveling in  
25 inclement weather to get the water, is that a fair

1 statement?

2 A That's a fair statement.

3 Q I don't want to put words in your mouth.

4 But all of those problems would be alleviated or  
5 gone if you were able to get city water?

6 A Oh, yes.

7 Q So if water were provided, you would definitely  
8 become a customer no questions asked?

9 A Oh, yes, we would be customers.

10 Q Missy, are you aware that in August of 1998 and  
11 then again in February of 1999, the South Anderson Water  
12 District published a notice in the Anderson News,  
13 newspaper, saying that they were going to expand their  
14 water facility through Willow Creek Road, they used the  
15 term Willow Creek Road--Willow Creek Road being  
16 Aaron-Barnett Road, them being the same roads just  
17 different names.

18 Are you aware of that notice?

19 A Yes.

20 Q When you read that notice, what was your opinion  
21 or impression from reading that notice?

22 A My impression, they were going to run the whole  
23 road. They were going to put water on the whole road.

24 Q Did you go to any of the meetings, Missy,  
25 scheduled or sponsored by the water district in

1 connection with its water expansion project?

2 A No. Because I thought it was a done deal and I  
3 thought we were getting water.

4 Q I take it, then, you must have been quite  
5 surprised when you found out that where you lived, you  
6 were not going to receive water from this water  
7 expansion project?

8 A Yeah, I was surprised.

9 Q How did you find out, Missy?

10 A Actually, if Aaron hadn't come around and told us  
11 where the water stopped, we wouldn't know.

12 Q When you say Aaron, you mean Ruben?

13 A I mean Ruben.

14 Q Aaron being the Aaron-Barnett--

15 A Right. I am sorry.

16 Q When did Ruben tell you, Missy?

17 A I guess we found out probably 3 weeks ago, 3 or  
18 4. Because once I read it in the paper, I just assumed  
19 it was it was going to happen whenever it happened  
20 however long it took.

21 So I didn't pay that much attention to it after  
22 that.

23 Q Really up until the beginning of this year, you  
24 thought that you and your husband and your 3 children  
25 were going to receive water?

1 A Yes.

2 Q From the South Anderson Water District?

3 A Yes.

4 Q And because of that, you felt there is no need  
5 for me to attend these meetings because I am going to  
6 benefit from that, going to get water?

7 A Yeah, exactly.

8 Q Missy, the water that you use in your cistern,  
9 what do you use that for? I am thinking of functional  
10 uses now? For instance, do you use it for cooking?

11 A Yes.

12 Q Do you use it for bathing?

13 A Yes.

14 Q You mention you use it for washing clothes?

15 A Yes.

16 Q Do you use it for drinking?

17 A Yes.

18 Q I take you use it, do you have animals at your  
19 home? Do you use it to feed the animals?

20 A Yes.

21 Q You use it for all purposes for which people  
22 normally use water?

23 A Yes.

24 Q Have you ever noticed, Missy, any ill effects or  
25 health problems that you and your family have

1 experienced since you have moved to 1511 Aaron-Barnett  
2 Road from having the cistern, having to haul water?

3 A Well, all I can tell you is I have noticed that  
4 my children are sick more often. But I don't know if  
5 that's attributed to the water.

6 I do know they are sick more often up there than  
7 they were in town on town water. I don't know.  
8 Sometimes they just get a little sick. Sometimes they  
9 have to go to the doctor.

10 But generally they are sick and throwing up. So  
11 I can't actually say it's the water but I can't say it's  
12 not the water.

13 Q When you have taken your 2 sons and a daughter to  
14 the doctor for their health problems, has a doctor ever  
15 suggested to you that the health problems may be  
16 attributed to the water they drink or the water that's  
17 used to cook?

18 Has the doctor every told you that?

19 A No. Then I have never told them that we have  
20 moved and we live on cistern water either as far as, you  
21 know, they don't know the difference. I haven't made  
22 that clear to them.

23 Q Missy, is there anything else that you would like  
24 to say regarding your interest or desire to obtain water  
25 from the South Anderson Water District?

1           A           Just that I would really like to have water. And  
2 personally, I don't understand the point of running half  
3 the road and not the whole road. If you are going to  
4 start it, why not finish it? That's the way I look at  
5 it.

6           Q           Do you think it would be in the best interest of  
7 your family?

8           A           Mine and whole lot of other people. There is a  
9 whole lot more people on that road just since I moved  
10 out there. When I moved out there, there was 2 before  
11 you got to Ruben's house. Now there is 4. There is a  
12 lot of people out there and a lot of us have kids. So  
13 it would definitely help all of us out if we got water.

14                   MR. THOMAS: I think that is all.

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CERTIFICATE

STATE OF KENTUCKY  
COUNTY OF FRANKLIN

I, Georgene R. Scrivner, a notary public in and for the county aforesaid, do hereby certify that the above and foregoing is a true, correct and complete transcript of the sworn statement of SCARLET MICHELLE RUCKOR, taken at the time and place and for the purpose set out in the caption hereof; that the witness was duly sworn before giving her testimony; that said testimony was taken down by me in stenotype and afterwards transcribed by me; that the appearances were as set out in the caption hereof; and that no request was made that the transcript be submitted to the witness for reading and signature.

Given under my hand this 10th day of February, 2000.

Georgene R. Scrivner  
Notary Public  
State of Kentucky at Large

My Commission Expires: 7/15/2003

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PUBLIC SERVICE  
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**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the matter of:**

**RUBEN BARNETT**

**COMPLAINANT**

**VS.**

**CASE NO. 99-431**

**SOUTH ANDERSON WATER DISTRICT**

**DEFENDANT**

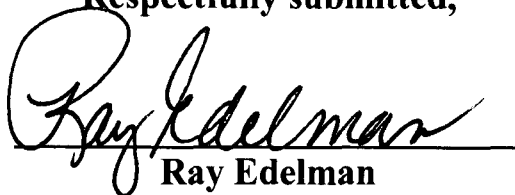
**VERIFIED TESTIMONY OF DEFENDANT,**  
**SOUTH ANDERSON WATER DISTRICT**

\*\*\*\*\*

Comes the Defendant, South Anderson Water District, ("District"), and pursuant to the Order of the Public Service Commission which required Direct Verified Testimony to be filed on or before February 14, 2000, the District, in compliance with said Order, hereby files Direct Verified Testimony of Bob Kincer, Chairman of the District and Engineer Ken Taylor, of Kenvirons Engineering Company, Frankfort, Kentucky, the District's Engineer.

The original of said Direct Verified Testimony is attached hereto and filed with the Commission, with an additional nine (9) copies for the Commission's staff, and a copy for all counsel of record.

Respectfully submitted,



Ray Edelman

Attorney at Law

150 South Main Street

Lawrenceburg, KY 40342

Telephone: (502) 839-5111

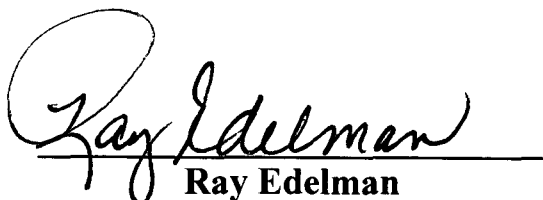
Fax: (502) 839-3834

Attorney for Defendant

South Anderson Water District

**CERTIFICATE OF SERVICE**

I hereby certify that a true and accurate copy of the foregoing Verified Testimony of Defendant, South Anderson Water District was served by U.S. Mail, postage prepaid, on this February 14, 2000, on the Honorable Reginald L. Thomas, Attorney for Complainant, P.O. Box 1704, Lexington, KY 40588-1704, the original of which has been filed with the Public Service Commission.



Ray Edelman

Attorney for Defendant

Word/P/Pleadings/Verified Testimony of Defendant/South Anderson Water District (Ruben Barnett)



APPEARANCES:

Raymond M. Edelman, Esq.  
150 South Main Street  
Lawrenceburg, Kentucky 40342

ATTORNEY FOR SOUTH ANDERSON  
WATER DISTRICT

ALSO PRESENT:

Alton Warford

\* \* \* \* \*

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1                   The witness, KEN TAYLOR, after first  
2 being duly sworn, was examined and testified as  
3 follows:

4                                   EXAMINATION

5           By Mr. Edelman:

6   1    Q        Would you state your name for the record,  
7                    please?

8           A        Kenneth Dale Taylor.

9   2    Q        Do you mind if I call you Ken?

10       A        That would be preferred.

11   3    Q        Ken, what is your occupation?

12       A        I'm a civil engineer.

13   4    Q        And who are you employed by?

14       A        The firm's name is Kenvirons,  
15                    K-E-N-V-I-R-O-N-S, Inc.

16   5    Q        And that's in Frankfort, Kentucky?

17       A        Frankfort.

18   6    Q        And you live in Woodford County, though?

19       A        Yes.

20   7    Q        Okay. And you've been doing engineering  
21                    work, or your firm has been doing  
22                    engineering work, of which you've been  
23                    the principal, I guess, resident engineer  
24                    doing the work since when, how long?

25       A        For South Anderson?

1 8 Q Yes, sir.

2 A Since 1990.

3 9 Q And in the course of that you've been  
4 through how many projects? Two?

5 A One major extension and then several  
6 other smaller...

7 10 Q So this phase five project, which is the  
8 basis of Mr. Barnett's complaint to the  
9 PSC that he's not included, would be the  
10 second major project that you've been  
11 involved in --

12 A Yes.

13 11 Q -- with South Anderson? You've done work  
14 for a number of other water districts, I  
15 take it?

16 A Yes.

17 12 Q Just for the record and for the  
18 Commission's benefit, if you could just  
19 name a few of those districts.

20 A Garrard County Water District, Black  
21 Mountain Water District, Caywood Water  
22 District. I worked some with North  
23 Nelson Water District. Those would be  
24 the main water districts I've worked  
25 with.



1 13 Q Okay. And in the course of performing  
2 services for rural water districts, I  
3 take it the engineer really does a lot of  
4 the grunt and leg work in terms of  
5 putting a project together, along with  
6 others?

7 A Yeah. Certainly a lot of the initial  
8 paperwork and scope of the projects and  
9 that type of thing, initial feasibility.

10 14 Q Let's talk about phase five, and talk  
11 about how it came to be basically. Can  
12 you give the Commission some background  
13 on the evolution of what phase five was  
14 to begin with, and what it has evolved  
15 into now?

16 A Okay. When we were completing or nearing  
17 the completion of construction on the  
18 phase four project, the district  
19 instructed us to start looking at the  
20 next expansion project they could  
21 undertake to provide water to additional  
22 roads in Anderson County. And towards  
23 that we started out with the list of  
24 petitions that they had still on file  
25 that we were unable to serve on the phase

1 four project, then took the petitions  
2 that had been received.

3 15 Q Let me just stop you real quick, and I'll  
4 let you go on. When you say petitions,  
5 what are petitions?

6 A Those are documents received from  
7 residents on roads requesting that the  
8 water district extend their lines into  
9 those areas to serve them.

10 16 Q You weren't here for Mr. Kincer's  
11 deposition, but I introduced a document  
12 -- well, this is an Exhibit No. 1 to Bob  
13 Kincer's deposition, which says Petition,  
14 Willow Creek Road, 1/9/98 rewritten, and  
15 there are nine names on there. Is that  
16 the type of document you're talking  
17 about?

18 A Yes, it is.

19 17 Q And are those generally people listed on  
20 there with their address? And that's  
21 rewritten from a list where it looks like  
22 people have written their own names.

23 A Yes, that's generally the way -- somebody  
24 on the road will go to their neighbors  
25 and get them to sign the petition and

1 give their address and how many meters  
2 they would be interested in having on  
3 their property and turn it in.

4 18 Q And just for the record, if you would  
5 review that Exhibit No. 1, do you see  
6 anywhere on there that Ruben Barnett's  
7 name is on there requesting water  
8 service?

9 A No, Mr. Barnett's name is not on the  
10 petition.

11 19 Q Okay. In fact, he did not request water  
12 service, did he not, until some time in  
13 June of '99?

14 A To the best of my knowledge, yes.

15 20 Q To the best of your knowledge. In fact,  
16 I think his answer -- his answer  
17 specifically states, Ken, that, and I  
18 quote this, in early June 1999,  
19 Mr. Barnett learned for the first time  
20 that the proposed water expansion project  
21 for the South Anderson Water District did  
22 not include his residence or land. Now,  
23 that doesn't necessarily mean he didn't  
24 sign the petition, but it does mean, as I  
25 understand it, that maybe prior to June

1 of '99 he believed he was included,  
2 but -- well, who knows. He's just saying  
3 there he did not know until then that he  
4 was not included in the project.

5 A Correct.

6 21 Q Okay. Well, we digressed there for a  
7 second. I think you were discussing the  
8 project.

9 A Yes. In '95 we started looking at the  
10 petitions that had been filed with the  
11 district, started looking at other  
12 sections of the county that we knew had  
13 higher population densities in order to  
14 make sure that the customer base would be  
15 able to support the financial end of the  
16 project. At that time we were looking at  
17 a project that would be funded, or the  
18 funding applications would be turned into  
19 Kentucky Department of Local Government  
20 under the Community Development Block  
21 Grant program, and also to U.S.  
22 Department of Agriculture, Rural  
23 Development, which is where we did end up  
24 getting the funding. But at that time  
25 under the CDBG program, or the Community

1 Development Block Grant program, the  
2 general funding on that had a ceiling of  
3 around \$500,000. Also, at that time --

4 22 Q And what time is this? What year is  
5 this?

6 A This would have been in '95. At that  
7 same time frame, the Alton Water and  
8 Sewer District was also looking at doing  
9 some expansion work. In order to apply  
10 for those funds -- those funds have to be  
11 applied for either through a city or  
12 county government. The water district is  
13 not eligible to apply directly for those.  
14 One of the eligibility requirements is  
15 that they not have an outstanding CDBG  
16 grant, one that's not been closed out.  
17 So I think the decision was made by the  
18 county at that point that it was probably  
19 Alton Water and Sewer's turn to apply for  
20 that. So that delayed...

21 23 Q Is that because South Anderson had the  
22 previous grant?

23 A Phase four was funded partially by a  
24 Community Development Block Grant, and  
25 that's what we were closing out at that

1 point.

2 24 Q Okay. So, initially, this phase five  
3 started in its infancy in '95 and '96,  
4 and at that time there was a cap on CDBG  
5 grant money of \$500,000?

6 A Thereabouts, yes.

7 25 Q So initially looking at a project of  
8 probably a million dollars, thinking you  
9 maybe can apply for \$500,000 of loan  
10 money through Rural Development and  
11 500,000 through CDBG money?

12 A Yeah, we were looking at about a million  
13 dollars construction, and then the  
14 county, we felt like, could put in some  
15 money, and then the water district would  
16 have some money to put in, too, to cover  
17 the other --

18 26 Q Maybe a million, two or something like  
19 that?

20 A A million, two, million, three, by the  
21 time you included the engineering and  
22 legal and interest and bond attorneys,  
23 and that kind of thing.

24 27 Q And to that degree, these petitions from  
25 various roads within the boundary of

1 South Anderson were collected. And are  
2 they collected by individuals on the  
3 roads? Are there such things as road  
4 captains?

5 A That's generally the way that it's  
6 conducted. I guess someone with specific  
7 interest in water on that road will...

8 28 Q Okay. Now, you get all these petitions  
9 in, and I guess somebody has to make a  
10 decision on what direction this project  
11 is going to take.

12 A Uh-huh (affirmative).

13 29 Q I mean, you know, if you only have two  
14 households on a road here and you have 15  
15 on this road, I guess it doesn't take a  
16 rocket scientist to figure out that we're  
17 going to for sure go down this road with  
18 15, but we don't know quite what the  
19 situation is with two at this point in  
20 time.

21 A Yeah.

22 30 Q Do you and the district get together and  
23 make that decision, or how does that  
24 work?

25 A Generally, yeah. I'll work getting the

1 road mileages and the house counts and so  
2 forth, and then sit down with the  
3 district and discuss those, go through  
4 what the advantages of this road and that  
5 road are, and what -- you know, sometimes  
6 the house count is -- you know, it's not  
7 the only factor that figures into it, and  
8 it can end up with construction obstacles  
9 like the Bluegrass Parkway.

10 31 Q Well, why would it --

11 A Major obstacle.

12 32 Q -- why would it be an obstacle?

13 A In order to cross a parkway like that,  
14 you have bore and case underneath it,  
15 rather than open trench the water line  
16 installation, and that's much more  
17 expensive.

18 33 Q So in order not to waste money -- I guess  
19 you could do that to service a few houses  
20 on the other side of the parkway, but in  
21 order to maximize your grant and loan  
22 money, you would try to avoid doing that  
23 type of maneuver?

24 A Yes.

25 34 Q Okay. And, likewise, I take it you would



1 attempt to try to make the project flow  
2 to as many households as possible, as  
3 opposed to take it down every road just  
4 for the sake of completing roads?

5 A Yes.

6 35 Q Where you have a lot of mileage without  
7 any users?

8 A Correct.

9 36 Q Because without users, you can't pay the  
10 bill and you can't pay FHA?

11 A Right.

12 37 Q Or Rural Development now.

13 A Rural Development.

14 38 Q I keep saying FHA. Now, when did the  
15 rules change in terms of this CDBG grant  
16 application, Ken?

17 A I don't recall the exact year.

18 39 Q Roughly.

19 A '97, somewhere along in there, they upped  
20 the amount of grant money that you can  
21 apply to to a million.

22 40 Q And so you could apply for a million  
23 grant from CDGB in Frankfort?

24 A Yes.

25 41 Q Or the county could?

1           A       County.

2   42   Q       District gets the county to.  And once  
3           Alton's project was done, then that door  
4           is open.  And you can also apply for a  
5           similar amount, generally matching, is I  
6           guess the way it works sometimes --

7           A       Yeah.

8   43   Q       -- or close to it with Rural Development.  
9           Was that the idea?

10          A       Yes.

11   44   Q       So now all of a sudden the project  
12           doubles in size?

13          A       Yes.

14   45   Q       And we've got more road captains, more  
15           petitions.  Now, is there generally talk  
16           in a community that a project is going on  
17           in your experience?

18          A       Generally, they know well before I get  
19           there.

20   46   Q       Does it surprise you that Mr. Barnett  
21           stated in his answer that he learned for  
22           the first time that the expansion project  
23           did not include his residence and land as  
24           of -- he learned that in early June of  
25           '99?

1           A       Yes, particularly, in that part of the  
2                    CDBG application is interviewing people  
3                    on roads that are going to be served, and  
4                    I would have thought that would have been  
5                    pretty common knowledge out there, how  
6                    far the water line was extended.

7   47    Q       Now, CDBG is just not a -- there are  
8                    qualifications to get that grant money;  
9                    are there not?

10           A       Yes.

11   48    Q       So if you have a wealthier county, say  
12                    you have an area of Woodford County, pick  
13                    an example where maybe the former  
14                    governor lives, or a guy named Farish  
15                    lives, individuals maybe like that, they  
16                    probably wouldn't qualify for these CDBG  
17                    grant moneys, would they?

18           A       There are -- the northern side of  
19                    Woodford County, I would think, would  
20                    have a very hard time of qualifying.

21   49    Q       And why is that?

22           A       Because in order to qualify for the CDBG  
23                    program, over 50 percent of the residents  
24                    on those roads have to be low to  
25                    extremely low income.

1 50 Q So one of the major considerations is not  
2 only where are you going to take the  
3 lines, but how you can take them in order  
4 to qualify for the grant money?

5 A Yes.

6 51 Q So it becomes a little bit of a trick or  
7 a puzzle to put together?

8 A Yes.

9 52 Q Is that not correct?

10 A Correct.

11 53 Q And is that part of what you're hired to  
12 do, is to try to figure that out?

13 A Yes, in conjunction with, generally,  
14 there's -- another party involved would  
15 be the grant writer that would prepare  
16 that application, but they would use the  
17 data that we generated.

18 54 Q Now, is the grant writer in this case, is  
19 that Mr. Kirby?

20 A Yes.

21 55 Q That's Bryan Kirby with the CDBG office  
22 in Frankfort?

23 A No. He's actually with Kirby and  
24 Associates out of Richmond.

25 56 Q Okay. So he is a --

1 A Yeah, Community and Economic --  
2 57 Q He's with Community and Economic  
3 Development Associates?  
4 A Yes.  
5 58 Q And he writes grants?  
6 A Right, applications.  
7 59 Q And is familiar with that process?  
8 A Yes.  
9 60 Q Now, as part of that process,  
10 questionnaires, I guess, are given to  
11 households along the road --  
12 A Yes.  
13 61 Q -- eliciting information about household  
14 incomes?  
15 A Yeah, number of residents and income.  
16 62 Q So when Mr. Barnett asked in some of his  
17 Interrogatories for per capita income,  
18 that information really wasn't readily  
19 available to the best of your knowledge?  
20 A Not that I'm aware of. What you get is a  
21 number of people living in the household,  
22 and then category or range that the  
23 income falls in for the household, not  
24 individual.  
25 63 Q Okay. Let me give you a letter dated

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January 28 of this year, 2000, from Mr. Kirby to the attorney for the complainant here, and the attorney's name is Reginald L. Thomas. If you could just take a second to review that, I'll have a couple questions for you.

A (Witness reviews document.)

64 Q As part of that correspondence, Mr. Thomas had asked a question relative to the Willow Creek or Aaron Barnett Road, and whether or not there was any presence of bacteria or pneumonia. You're familiar with this --

A Yes.

65 Q -- because it was part of the application. What was the response Mr. Kirby?

A Mr. Kirby's response was, page 11 of the CDBG application indicates the presence of pneumonia bacteria in Area L, which is Rice Road, not Willow Creek. Section IV-A-4 had shows a lower case L that looks like a lower case I, so I can understand the confusion. In other words, in the project, Rice Road is

1 another road that's in the project, and  
2 one of the samples that they had taken  
3 out there evidently had indicated the  
4 presence of pneumonia bacteria, but not  
5 Willow Creek Road.

6 66 Q Not Willow Creek or Aaron Barnett Road?

7 A Right.

8 67 Q The second paragraph deals with his  
9 explanation of its per capita versus  
10 household incomes, and his desire to  
11 protect the confidentiality of those  
12 questionnaires; does it not?

13 A Yes, it does. In order to get the  
14 cooperation of people living on the  
15 roads -- you know, incomes can be a  
16 rather sensitive subject to people, and  
17 they are assured that that information  
18 will be kept confidential and not  
19 released to the general public.

20 MR. EDELMAN: Okay. We're going to just  
21 make that No. 1 to  
22 Mr. Taylor's.

23 (REPORTER MARKS EXHIBIT NO. 1, LETTER TO  
24 MR. THOMAS FROM MR. KIRBY DATED JANUARY  
25 28, 2000, FOR PURPOSES OF IDENTIFICATION

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AND THE SAME IS ATTACHED HERETO)

68 Q

So now we've kind of got the project up from a million to over two million, and we've got road captains and we've been out with petitions, and we're trying to put this thing together. Now, can we just guess, throw darts? I mean, how do we figure out the feasibility of putting a project like this together with the low income housing folks that need CDBG money? I mean, what is the traditional engineering way to do this, Ken?

A

Well, after you've gotten the interviews and so forth, then the grant writer will tell you which roads are eligible and which ones weren't, so that figures into what you can do. And we eliminate roads because of low house counts and that kind of thing, or roads that weren't eligible for the CDBG grant funding. Now, we did include one road in this one with incomes over that kind of confused the issue, or will make the paperwork harder for the project, but is included in the Rural Development Application for funding, but



1 not the CDBG funding.

2 69 Q And that's Fox Creek?

3 A Yes.

4 70 Q It's just one road?

5 A Just one road, yeah.

6 71 Q And why was that included?

7 A House count. Petitions had been

8 received, and the desire for water out

9 there by the people.

10 72 Q There was an unusual number, or a good

11 number?

12 A It fit nicely with the project.

13 73 Q Okay. So we're at that point where we

14 have the project being put together, the

15 engineer is working with the grant writer

16 and the district, and we have the road

17 captains, and we've had petitions from

18 people that are interested in water. I

19 guess, what I'm getting at is Mr.

20 Barnett's claim here is very simple.

21 He's claiming that he should have been

22 included in the process. And very

23 simply, what is the answer to that?

24 A He was given the same opportunity to

25 express his desire for the water service

1 and to be involved as any of the other  
2 residents on any of the roads, and we  
3 never heard anything from him. But even  
4 in light of that, we had other roads that  
5 had house counts similar to his that we  
6 eliminated strictly because it's not  
7 economically feasible to run a mile of  
8 line for that few potential customers.

9 74 Q And was that done some time in late '98?  
10 A No.  
11 75 Q Or before that?  
12 A It would have been probably the summer of  
13 '98, and I'm trying -- I don't recall --  
14 76 Q July or August of '98, something like  
15 that?  
16 A Somewhere along in there.  
17 77 Q I'm going to name you some roads, Ken,  
18 and talk about whether or not they were  
19 only partially serviced --  
20 A Okay.  
21 78 Q -- due to economic feasibility  
22 considerations. Tanner Road?  
23 A Yes, that's -- we went -- counted houses  
24 and went as far on that road as we  
25 thought was economically feasible to do.

1 79 Q So there are other individuals that are  
2 on Tanner Road that are in a similar  
3 plight as Mr. Barnett, the claimant here?  
4 A Yes.  
5 80 Q Ashby Road?  
6 A Same scenario.  
7 81 Q Burgin Road?  
8 A Same thing.  
9 82 Q Glensboro Road?  
10 A Kentucky 44, yes. Yes.  
11 83 Q Searcy School Road?  
12 A Yes.  
13 84 Q Hungry Run Road?  
14 A As it turned out on that one, all we'll  
15 actually serve are the residents on the  
16 ends of that where we're actually --  
17 we're running to the roads that are  
18 perpendicular to it. We're not going  
19 down it at all.  
20 85 Q It's not even feasible to even go down  
21 it?  
22 A Yeah.  
23 86 Q You can serve some on the ends just to  
24 pick up a few more customers?  
25 A Yes.

1 87 Q Dugansville?  
2 A Same as Ashby and Tanner and...  
3 88 Q Then you have Lick Skillet, Cox, and  
4 Gilbert's Creek?  
5 A Same.  
6 89 Q Same, similar?  
7 A Uh-huh (affirmative).  
8 90 Q So there are others within the water  
9 district boundaries that are in a very  
10 similar situation --  
11 A Uh-huh (affirmative).  
12 91 Q -- to the complainant here?  
13 A Yeah. Might want to clarify on Cox Road.  
14 We are going to go actually to the county  
15 line on Cox Road, to the Mercer County  
16 line. There are some residents over in  
17 Mercer County that are between the county  
18 line and the Bluegrass Parkway that may  
19 come to that point and pick that line up  
20 and take it on to their property -- you  
21 know, serve them, but the district is  
22 only going to the county line on that.  
23 92 Q As part of your engineering services,  
24 Ken, you performed, I guess, for the  
25 grant application and for other purposes

1                    what's known as a preliminary engineering  
2                    report --

3            A        Correct.

4    93    Q        -- did you not?

5            A        Yes.

6    94    Q        I'm going to hand you a copy of the  
7                    document dated September 1998, that I  
8                    believe bears your signature on the  
9                    inside cover page.

10          A        Yes, that's my signature and stamp.

11    95    Q        Okay. Without getting into all the  
12                    details, and I'll let you briefly  
13                    summarize what is contained within a  
14                    preliminary engineering report, but you  
15                    wouldn't have any objection to making  
16                    that Exhibit 2 to your deposition, would  
17                    you?

18          A        Certainly not.

19                    (REPORTER MARKS EXHIBIT NO. 2,  
20                    PRELIMINARY ENGINEERING REPORT DATED  
21                    SEPTEMBER 1998, FOR PURPOSES OF  
22                    IDENTIFICATION AND THE SAME IS ATTACHED  
23                    HERETO)

24    96    Q        What does a preliminary engineering  
25                    report, and what does this preliminary

1 engineering report basically discuss?  
2 A Okay. The preliminary engineering report  
3 is one of the items on the Rural  
4 Development application checklist, and  
5 you go through a brief history of the --  
6 or a brief discussion of the existing  
7 facilities of the water district. Then  
8 you go through a description of the  
9 proposed project, looking at the  
10 different cost elements of it, generate a  
11 project estimate, cost estimate for the  
12 project, look into the need for the  
13 project, and then also go into looking at  
14 the rates and that type thing to come up  
15 with a funding scenario which the project  
16 will support.

17 97 Q Just for the Commission's benefit -- they  
18 may not read through this entire  
19 document, but just some of the numbers on  
20 construction. What was involved, total  
21 amount of the project?

22 A The total funding that was applied for or  
23 committed to by the district was  
24 \$2,205,830.

25 98 Q And how was that generally broken down,

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Ken?

A

Okay. Construction cost estimate was 1,678,000. Contingency -- I'm rounding them off rather than nickels and dimes. Contingency of 168,000; engineering, basic engineering services, 145; construction inspection of 85,000. Other engineering, which would include archaeological surveying and preliminary engineering report preparations, 15,000. Again, these are all just estimates. Legal fees of 35,000. Land and rights, acquisition of right of ways, that kind of thing, 10,000. Interest of 30,000, and administrative/planning, which is primarily the grant writer's fees, 40,000.

99 Q

Okay. So that's how the over two million dollars is projected to be spent?

A

Yes.

100 Q

In regard to the moneys, a million some from Rural Development and almost a million, or 900 and some thousand, 960,000 from CDBG, are there any conditions or timetables attached to

1           those funds that could be jeopardized by  
2           a stoppage or an adjoining of this  
3           project?

4           A       Yes.  The grant agreement that the county  
5           had to sign with the Department of Local  
6           Government has a deadline of when it's  
7           supposed to be bid.  I don't recall the  
8           exact date, but it's this spring that the  
9           project is supposed to be...

10       101 Q       I had written it down somewhere here, but  
11                   if my memory serves me it might be April  
12                   20.

13           A       Somewhere in that --

14       102 Q       In that time frame?

15           A       Yes.

16       103 Q       Okay.  Are there any other CDBG pitfalls  
17                   other than bidding?  I don't know if  
18                   there are.  I'm just asking.

19           A       Well, again, that would be the time frame  
20                   that they would be looking for to have  
21                   the project bid.  Rural Development --

22       104 Q       Now, they issue a letter of conditions --  
23                   Conditions.

24       105 Q       -- do they not?

25           A       And it has a time frame in it.  I didn't



1 bring my copy of the letter of  
2 conditions, but it's well past. Since we  
3 didn't get the letter of conditions from  
4 Rural Development when their funding was  
5 in place until December, it's well --  
6 their deadline was well past what the  
7 CDBG one was.

8 106 Q Okay. In your experience, if the  
9 Commission would order, or if Mr. Barnett  
10 would get his way, and the district were  
11 required to reapply -- let's just take  
12 the CDBG money. What would occur, in  
13 your opinion, if at this point in time it  
14 was said, stop, you need to go back, you  
15 need to re-evaluate these particular  
16 roads for current users, as opposed to  
17 what your users were at the time, and  
18 amend your application to -- amend your  
19 application accordingly?

20 A The first thing that would have to be  
21 done to secure CDBG funding -- well,  
22 again, we applied for the maximum of a  
23 million, and they cut us back to the  
24 930 -- 960,000. So we did apply for the  
25 maximum amount of that. Funding was not

1 available for the entire thing. But in  
2 order for it to be included with the CDBG  
3 portion, interviews would have to be  
4 conducted with each of the residents on  
5 the road to determine whether it's even  
6 eligible. I don't know what the income  
7 of Mr. Barnett and the other residents  
8 that are there now -- I don't know what  
9 their income is, but it may or may not  
10 qualify from that standpoint for  
11 inclusion in that.

12 107 Q So there's a basic question as to whether  
13 or not those incomes would be included,  
14 would be able to be included to be used  
15 or developed by CDBG money?

16 A Correct. Then there's also the question  
17 of doing -- if we amend the Rural  
18 Development application, we'd have to go  
19 back through public notice and the  
20 hearings, or the public meetings and that  
21 type of thing to include the scope  
22 change.

23 108 Q In your opinion, given your history with  
24 these type things, what type of delay at  
25 a minimum -- let me just ask it two ways.

1                   What type of delay at a minimum would we  
2                   be looking at, and what type of delay at  
3                   a maximum?

4           A        I don't -- I don't see any way that it  
5                   could be included in the CDBG portion at  
6                   this time.  Again, we applied for the  
7                   maximum amount of grant that we could.  
8                   That money for that year is already  
9                   obligated.  So I don't see how we could  
10                  go back and amend the application to do  
11                  that.  The scope of that project is  
12                  already set.

13 109 Q        So the CDBG money is pretty set?

14           A        Right.

15 110 Q        The only other way realistically that we  
16                  could get to include other roads would be  
17                  to go back and amend the rural  
18                  development?

19           A        Yes.

20 111 Q        Now, what does that entail?

21           A        Well, that, again, would -- I would have  
22                   to go back and revise the preliminary  
23                   engineering report.  We'd have to redo  
24                   the environmental report and so forth to  
25                   include it, which would take us well into

1 the summer, I think, at the earliest.  
2 And, again, that's not -- you know, the  
3 Rural Development funding, there's a  
4 whole lot more applications over there  
5 than got funded also. I mean...

6 112 Q Well, and let's talk about that for a  
7 second. If we were required -- if the  
8 district were required at this point in  
9 time to seek to amend its application for  
10 Rural Development money, what are the  
11 chances of the money that is currently  
12 committed to the district going somewhere  
13 else due to the fact that the district  
14 would be in a position not to meet its  
15 letter of conditions?

16 A I don't think they would pull the money.  
17 I think they'd give you opportunity to  
18 look for other funding sources, or  
19 whatever, but, again, you'd have to go  
20 back and...

21 113 Q So you don't necessarily think the money  
22 would be gone, but where would the other  
23 money come from?

24 A That's a good question. I mean, you'd  
25 have to go -- the district would have to

1 go borrow it, or the county -- ask the  
2 county for more of a contribution, or  
3 somebody.

4 114 Q But you don't --

5 A Which means -- you know, if they borrow  
6 more money, I'd have to go back and look  
7 at the rates again, too.

8 115 Q That might affect the rates. It's  
9 realistically not feasible to think that  
10 you're going to get more Rural  
11 Development money?

12 A Not at that time, no.

13 116 Q Not at this time?

14 A Not under this scenario, I wouldn't  
15 think.

16 117 Q Clearly, you're not going to get any more  
17 CDBG money?

18 A Correct.

19 118 Q Grant money? Okay. So the money would  
20 have to come from some other place?

21 A That's my feeling, yes.

22 (OFF THE RECORD)

23 119 Q Ken, as part of the Answers to  
24 Interrogatories that we prepared and  
25 served upon the PSC and Mr. Thomas on

1 Mr. Barnett's behalf this past week, you  
2 prepared, pursuant to a question, an  
3 updated cost estimate, which will be  
4 Exhibit 3, which includes the Aaron  
5 Barnett Road as it currently exists in  
6 the project, and that figure is \$71,550  
7 for construction of the line as it  
8 currently exists.

9 A Yes, for the construction -- the \$59,586  
10 of that is for the construction  
11 activities themselves, and then the other  
12 items that would need to be -- that would  
13 have to be covered under the -- you know,  
14 legal and design and inspection fee.

15 (REPORTER MARKS EXHIBIT NO. 3, UPDATED  
16 COST ESTIMATE, FOR PURPOSES OF  
17 IDENTIFICATION AND THE SAME IS ATTACHED  
18 HERETO)

19 120 Q Design and inspection, legal,  
20 administration?

21 A Brings it to 71,550.

22 121 Q That's for the front, or the first 1.8  
23 miles of the --

24 A Correct.

25 122 Q -- of the road?

1           A           That's the northern end of it.

2 123 Q           That does get pretty close to

3                       Mr. Barnett's property, doesn't it?

4           A           I think it does, in that there is a piece

5                       of property that I understand that he at

6                       least owned at one time that's down on

7                       the creek toward the end of that 1.8

8                       miles.  Whether he's sold that or not --

9                       one of the realtors indicated maybe they

10                      had sold that at one of our previous

11                      meetings with Mr. Barnett's

12                      representatives.

13 124 Q           You also answered the question as to what

14                      would be the cost estimate to complete

15                      the entire loop of Willow Creek/Aaron

16                      Barnett that would tie into 62 on the

17                      back end.

18           A           Yes, that would take it on up in front of

19                      where Mr. Barnett's residence now is.

20           MR. EDELMAN:           And that's going to be

21                                      Exhibit 4.

22                                      (REPORTER MARKS EXHIBIT NO. 4, COST

23                                      ESTIMATE OF COMPLETE LOOP OF WILLOW CREEK

24                                      ROAD, FOR PURPOSES OF IDENTIFICATION AND

25                                      THE SAME IS ATTACHED HERETO)

1 125 Q And would you tell the Commission what  
2 those figures indicate?  
3 A Yeah. My construction estimate for  
4 completing the loop is \$102,886.25, and  
5 the total cost for doing that would be  
6 \$123,275. Again, being an estimate.  
7 126 Q So in excess of \$51,000 -- 51,000  
8 additional dollars it would take to  
9 complete that loop?  
10 A Correct.  
11 127 Q Okay. You've also prepared, which we'll  
12 label Exhibit 5, a map that represents  
13 the phase five expansion project; is that  
14 correct?  
15 A Correct.  
16 128 Q And for the Commission's benefit, what  
17 does this reflect?  
18 A It has the different roads where we  
19 propose to run water lines indicated,  
20 along with an approximate number of  
21 customers that we anticipate getting  
22 along each road.  
23 129 Q The number of customers would be in the  
24 circle --  
25 A Yes.



1 130 Q -- possibly?

2 A That's what the numbers in the circles  
3 are. It, again, gives the different  
4 roads, gives the county boundary, and  
5 also the water district boundary.

6 131 Q And as you can see, Willow Creek is in  
7 the left-hand side of the map, and it  
8 indicates at the time the survey was done  
9 there were seven users on the front 1.8  
10 portion?

11 A Yeah. Well, no, that only ran through  
12 1.2 miles at that point when we prepared  
13 it back in the early stage of the  
14 application. And this was prepared back  
15 early on. I guess September of '98 was  
16 when the map was prepared. The petition  
17 that we'd gotten in had ten -- I think  
18 had ten names on it.

19 132 Q Nine at least. Nine on --

20 A Nine names, and one of them indicated  
21 they wanted two meters, I think.

22 133 Q Ten users.

23 A However, we generally don't use those  
24 total numbers. Particularly when you're  
25 going by house count, or whatever, there

1 will be one or two that when you get  
2 there and they have to start thinking  
3 about paying water bills and that kind of  
4 thing, that back off of actually taking  
5 the water. So in order to do the  
6 financial feasibility, we drop back from  
7 those total numbers in order to make sure  
8 that when we get through with the project  
9 and get it installed, we can pay for it.

10 MR. EDELMAN: Let's make that Exhibit 5.

11 (REPORTER MARKS EXHIBIT NO. 5, MAP OF  
12 PHASE FIVE PROJECT, FOR PURPOSES OF  
13 IDENTIFICATION AND THE SAME IS ATTACHED  
14 HERETO)

15 134 Q You also prepared, or had prepared under  
16 your direction other maps with the  
17 application, didn't you?

18 A Correct.

19 135 Q And what were they?

20 A I guess with both applications, the USGS  
21 topographic maps, we took those as base,  
22 and then, again, outlined or indicated  
23 the lengths of road that we would lay  
24 water lines on, propose to. We also, in  
25 order for the environmental application

1 that Rural Development requires, included  
2 copies of the FEMA floodplain maps and  
3 the soil conservation, soil maps. But  
4 those really don't give a whole lot of  
5 information, the latter two don't, other  
6 than the environmental stuff.

7 136 Q And in August of 1998, you prepared  
8 certain spreadsheets and cost estimates  
9 for the construction cost of each  
10 particular roadway within the project;  
11 did you not?

12 A Yes.

13 137 Q One was a preliminary estimate for a  
14 combined CDBG and Rural Development  
15 project?

16 A Yes.

17 138 Q And another was a preliminary estimate of  
18 probable cost just for the CDBG budget?

19 A Yes.

20 139 Q Okay. The combined -- I'm going to hand  
21 you a document that purports to be the  
22 combined projects, CDBG and Rural  
23 Development, cost estimate.

24 A That's what it is.

25 140 Q Do you recognize that document?

1 A Yes.

2 141 Q And on there, without going into it, does  
3 it include the cost per road?

4 A Yes, it's breakout per road, and then at  
5 the end is a cost summary.

6 MR. EDELMAN: Okay. Maybe we can make that  
7 Exhibit 6.

8 (REPORTER MARKS EXHIBIT NO. 6, COMBINED  
9 COSTS ESTIMATE FOR CDBG AND RURAL  
10 DEVELOPMENT, FOR PURPOSES OF  
11 IDENTIFICATION AND THE SAME IS ATTACHED  
12 HERETO)

13 142 Q And, likewise, Exhibit 7 will be the  
14 breakdown on the CDBG application.

15 A Yes, that's what you've handed me.  
16 (REPORTER MARKS EXHIBIT NO. 7, COST  
17 ESTIMATE FOR CDBG BUDGET, FOR PURPOSES OF  
18 IDENTIFICATION AND THE SAME IS ATTACHED  
19 HERETO)

20 143 Q Not to go too much further, Ken, but I  
21 just want to try to discuss from your  
22 point of view some of the points  
23 Mr. Barnett has raised in his complaint.  
24 In addition to any notice that may have  
25 been given in the paper in August of '98,

1 were there other notices prior to that?

2 A Yes. There were notices that were given  
3 in conjunction with the CDBG application,  
4 and also earlier notice that we were  
5 preparing an application to Rural  
6 Development.

7 144 Q Okay. Additionally, he says in argument  
8 two that there's no reasonable or logical  
9 basis to cease water line construction at  
10 this point along Aaron Barnett Road  
11 rather than completing construction along  
12 the remaining 1.3 miles. He's basically  
13 saying it's unfair at this point in time,  
14 given the fact that there are new users,  
15 or potential new users. Do you have any  
16 comments about that or thoughts about  
17 that?

18 A Well, the reason that the rest of the  
19 road was not included was that the  
20 customer count at the time we put the  
21 application together was not there to  
22 support the line.

23 145 Q And that customer count was how many?

24 A At that time, as I recall, there were  
25 three houses on the road, one of which

1 was vacant.

2 146 Q So two users, one vacant house --

3 A Uh-huh (affirmative).

4 147 Q -- would not support in your engineering  
5 opinion construction of the additional  
6 \$51,000 of line over 1.3 miles?

7 A Correct.

8 148 Q Okay. That would not be a responsible  
9 thing for the district to do, nor for the  
10 PSC to approve?

11 A Correct.

12 149 Q In these projects there has to be some  
13 deadline on when you have to cut things  
14 off, for instance?

15 A Yeah, particularly -- the Rural  
16 Development folks will take an  
17 application year round, but there are  
18 specific times each year that the CDBG  
19 applications have to be in. That date  
20 varies from year to year, but they take  
21 applications once a year.

22 150 Q There is a lot of background work that  
23 goes into that; is there not?

24 A Yes.

25 151 Q The income studies, the petitions, the

1 environmental studies, that all has to be  
2 submitted with that application?

3 A Yes.

4 152 Q Would it be unreasonable, in your  
5 opinion, to accept Mr. Barnett's  
6 contention that it's all right to have  
7 this moving target? May have been only  
8 two at the time, but it's seven now,  
9 hence I should be in.

10 A I think that's unreasonable, yes.

11 153 Q Okay. He also states that it would be  
12 practical and efficient from an  
13 engineering standpoint to complete the  
14 loop on the road from 62 to 62. That's  
15 probably an accurate statement, isn't it?

16 A Hydraulically, it's correct. It is  
17 better to loop your lines where it's  
18 economically feasible to lay them.

19 154 Q If you had an extra 50 or \$60,000 laying  
20 around, you could do a lot of practical  
21 and efficient engineering things,  
22 couldn't you?

23 A Yes.

24 155 Q Yes, you could. You could create quite a  
25 few loops, I take it. Let's talk about

1 -- he apparently also has a problem with  
2 the fact that he's been excluded. I  
3 don't even want to say the word excluded.  
4 I think I ought to say that he didn't  
5 qualify, given the numbers of households,  
6 okay?

7 A Correct.

8 156 Q But, however, there may be some non-  
9 Anderson Countians who may benefit from  
10 this project.

11 A Correct. There will be if it's completed  
12 as scoped -- current scope.

13 157 Q The main line never leaves Anderson  
14 County, does it?

15 A Correct. All of the transmission mains  
16 will be laid in Anderson County.

17 158 Q So to the extent there may be a few  
18 individuals or households in Washington  
19 County or Mercer County, then they're  
20 only going to have service?

21 A Service lines.

22 159 Q Service lines?

23 A Uh-huh (affirmative).

24 160 Q Okay. Mr. Barnett also indicates that  
25 he's the sole provider and caretaker of



1 his two young children and he needs to  
2 sell real estate. Now, you've been  
3 involved, I take it, in the engineering  
4 field with individuals or entities that  
5 develop property?

6 A Yes.

7 161 Q And I assume that -- well, I know for a  
8 fact that Mr. Barnett's developing this  
9 property, because at a meeting in this  
10 office he, or his realtor indicated that  
11 he was selling lots now off of Willow  
12 Creek or Aaron Barnett Road. You recall  
13 that conversation, don't you?

14 A Yeah, and having trouble doing so because  
15 he didn't...

16 162 Q Now, generally speaking, if water -- if  
17 this project goes and water can get close  
18 to Mr. Barnett's property, what would a  
19 developer normally do with water that  
20 close?

21 A Well, in a number of other instances in  
22 Anderson County, South Anderson, the  
23 developer has paid for extensions of  
24 those lines to where they want to develop  
25 property. We've probably done at least

1 half a dozen of those here.

2 163 Q So it's not unusual for a developer to  
3 take the line at his cost, or to be  
4 responsible for the costs, whatever they  
5 are, and then subdivide in some fashion  
6 his land, and I presumably add some sort  
7 of premium to the cost of the land to get  
8 back the cost of the water lines?

9 A Yes.

10 (OFF THE RECORD)

11 164 Q Now, these developers, Ken, they may pay  
12 the initial outlay, but doesn't the  
13 Public Service Commission provide for  
14 some provision to reimburse them for a  
15 portion of these moneys?

16 A Yes, there are specific provisions in the  
17 Public Service Regulations that speak to  
18 reimbursement of privately developed  
19 property and ways that that can be  
20 accomplished within the tariffs, approved  
21 tariffs of water districts, specifically  
22 provided for that.

23 165 Q This project is going to serve how many  
24 potential new customers?

25 A We use the number of 342, I think, actual

1 customers that we anticipate.

2 166 Q 340?

3 A 340 or 342. As indicated in the  
4 preliminary engineering report, we are  
5 estimating that there are approximately  
6 400 potential users on the lines that are  
7 proposed under this project, and we are  
8 anticipating approximately 342 of those  
9 will use the water when its available to  
10 them.

11 167 Q Now, did you --

12 A That number is probably -- the 342 is  
13 probably a little low based on past  
14 experience over here, but I'm generally  
15 conservative when I go into making sure  
16 that we can repay loans. I don't want to  
17 have to come back to a project right  
18 after its completed and ask for a rate  
19 increase because we didn't get the  
20 customers that we thought we'd get.

21 168 Q Attached to the answer we filed were  
22 certain responses to the Petitioner's  
23 Statement of Fact, which without having  
24 you go over them, they are responses that  
25 you prepared at my direction; were they

1 not?

2 A Yes, they are.

3 169 Q And I think, to the extent that anyone  
4 reading this deposition, or the  
5 Commission will be interested, they are  
6 in the record attached to the answer, but  
7 you wouldn't have any objection to making  
8 this Exhibit A a portion of your  
9 testimony today?

10 A No. That would be permissible.

11 (REPORTER MARKS EXHIBIT NO. 8, EXHIBIT A  
12 TO RESPONSES TO PETITIONER'S STATEMENT OF  
13 FACT, FOR PURPOSES OF IDENTIFICATION AND  
14 THE SAME IS ATTACHED HERETO)

15 170 Q The selection of roads in the project  
16 that we discussed earlier were a  
17 combination of CDBG qualification per  
18 household income and per household  
19 numbers along each roadway?

20 A And construction cost, yes.

21 171 Q And construction cost along the roadway?

22 A Uh-huh (affirmative).

23 172 Q Were they the sole considerations?

24 A Those three, yes.

25 173 Q Weren't any other elements in terms of

1                   personalities or who the individuals  
2                   were?

3           A           Not to my knowledge.

4 174 Q           Not as far as you --

5           A           As far as I was concerned, certainly not.

6 175 Q           Right. Mr. Barnett was treated just as  
7                   fairly as any individual that might have  
8                   been on Tanner Road that wasn't included,  
9                   or any of those other six or seven or  
10                  eight roads that we listed; isn't that  
11                  true?

12          A           That is a fact.

13 176 Q           And the fact is that this project goes  
14                  through and it's not delayed, water will  
15                  be a whole lot closer to him now than --  
16                  water will be a whole lot closer to him  
17                  then than it is to him now?

18          A           Yes, on the backside it certainly would.

19 177 Q           Do you have anything else you want to add  
20                  as far as your direct testimony?

21          A           I think that pretty well covers. Again,  
22                  just what we just said, Mr. Barnett was  
23                  not treated any differently as far as I'm  
24                  concerned. Certainly, I didn't treat him  
25                  any different, and I don't think the

1 district did. There were other people  
2 that had signed petitions and submitted  
3 them, that had expressed all the way  
4 through that they wanted water, that we  
5 didn't serve because it wasn't feasible  
6 to run the lines that far.

7 178 Q And the number of users, potential users  
8 at the time the applications had to be  
9 filed on that last 1.3 miles of Willow  
10 Creek/Aaron Barnett Road were two,  
11 possibly three?

12 A I can't say that it was at the exact time  
13 that the application had to be filed, but  
14 when we scoped out the project in  
15 preparation of getting it filed, because  
16 at that time he -- you know, there are a  
17 couple, three other houses out there now,  
18 and exactly when those were constructed,  
19 I don't know. But when we --

20 179 Q When the leg work was done --

21 A -- done for the project --

22 180 Q -- for the project, there were two users  
23 and a vacant house?

24 A Yes.

25 181 Q Okay. Without regard to what's said

1 today, those are the --

2 A Yeah.

3 182 Q -- those are the facts?

4 A That's the way I recall it, yes.

5 183 Q And there were nine, or however many --  
6 what were the number of users on the  
7 front 1.8 miles?

8 A Well, we had a petition for ten, which  
9 did not include a couple of them that  
10 were on the very end of what -- those ten  
11 went through a mile and a half, and so  
12 there was two more in the three-tenths  
13 that --

14 184 Q Why was it decided to extend it from a  
15 mile and a half -- or to the mile, eight?

16 A Well, during the CDGB interview process,  
17 those people made their desire for water  
18 known, participated in the interview  
19 process. That last three-tenths --  
20 actually, I think it's a little bit less  
21 than three-tenths -- there are no  
22 obstacles, no creek crossings, no  
23 significant -- it would be just water  
24 line construction with no -- that made it  
25 feasible.

1 185 Q That made it feasible and the costs  
2 weren't extraordinary?

3 A Correct.

4 MR. EDELMAN: Okay. I think that's all I  
5 have. Thanks.

6 \* \* \* \* \*

7 THEREUPON, the taking of the deposition  
8 of KEN TAYLOR was concluded.

9 \* \* \* \* \*

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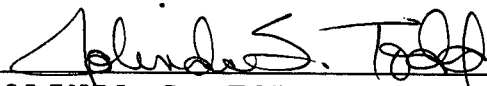


STATE OF KENTUCKY        )  
COUNTY OF FAYETTE        )

I, JOLINDA S. TODD, Registered Professional Reporter and Notary Public in and for the State of Kentucky at Large, certify that the facts stated in the caption hereto are true; that at the time and place stated in said caption the witness personally appeared before me, and that, after being by me duly sworn, was examined by counsel; that said testimony was taken in stenotype by me and later reduced to computer-aided transcription and the foregoing is a true record of the testimony given by said witness.

My commission expires: August 6, 2003.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal of office on this the 8<sup>th</sup> day of February 2000.

  
\_\_\_\_\_  
JOLINDA S. TODD, RPR  
NOTARY PUBLIC, STATE AT LARGE

**CEDA****Community & Economic Development Associates, Inc.***Grant and Loan Planning, Packaging and Administration*

January 28, 2000

Mr. Reginald L. Thomas  
P.O. Box 1704  
Lexington, KY 40588-1704RE: South Anderson Water District  
Response to Request for Documents

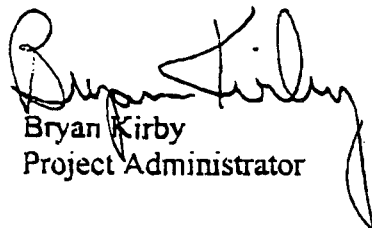
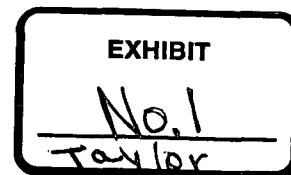
Dear Mr. Thomas,

I am in receipt of an interrogatory inquiry on the aforementioned Project and shall respond as follows:

**Request:** Did the Water District find the presence of pneumonia bacteria at Willow Creek?**Response:** Page 11 of the CDBG application indicates the presence of pneumonia bacteria in Area L, Rice Road, not Willow Creek. Section IV-A-4 shows a lower case "L" that looks like a lower case "T", so I can understand the confusion.**Request:** Provide per capita income of residents along each roadway.**Response:** The CDBG application I have already provided you has a summary of income characteristics for each road/area to be served (pages 56-68), with characteristics for Willow Creek (Area I) on page 64. Once you review these pages, you will notice that the income characteristics are for only the road/area, not individual residents. The income surveys collected for the Project ask for the gross household income, not per capita income, therefore, this information is not available. Even if it was available, I am not at liberty to disclose any of this confidential information as per Open Record laws. Individual road/areas were selected by their collective eligibility for the CDBG Program, not from individual eligibility. I cannot fathom what use this information would be to your inquiry and I stand firm in my resolve to keep it confidential.

If I can provide any further information, do not hesitate to contact our office.

Sincerely,

  
Bryan Kirby  
Project Administrator

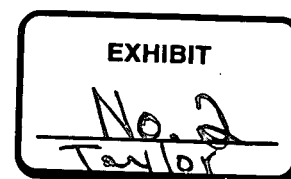


**KENVIRONS**

**PRELIMINARY ENGINEERING REPORT  
PHASE 5 EXPANSION PROJECT  
SOUTH ANDERSON WATER DISTRICT  
LAWRENCEBURG, KENTUCKY**

**PROJECT NO. 97185**

**SEPTEMBER, 1998**



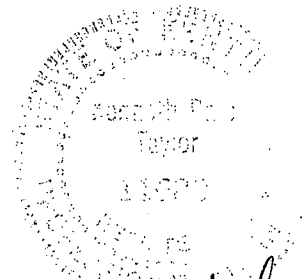
**Kenvirons, Inc.**

*Civil & Environmental Engineering and Laboratory Services*

**PRELIMINARY ENGINEERING REPORT  
PHASE 5 EXPANSION PROJECT  
SOUTH ANDERSON WATER DISTRICT  
LAWRENCEBURG, KENTUCKY**

**PROJECT NO. 97185**

**SEPTEMBER, 1998**



*Kenneth D. Taylor, PE*  
*9/30/98*

# PRELIMINARY ENGINEERING REPORT

## PHASE 5 EXPANSION PROJECT SOUTH ANDERSON WATER DISTRICT

### I. INTRODUCTION

The South Anderson Water District (SAWD) was originally formed to provide a safe, dependable supply of potable water to the citizens of southern Anderson County. Since its inception in 1967, the SAWD has grown until it serves approximately 1450 customers over a large portion of the County including some in the northern portion of the County. SAWD intends to eventually make treated water available to every citizen within its boundary. This project will go along way toward accomplishing this as it extends service to 14 separate areas of the county and provides an additional source of treated water. SAWD anticipates serving approximately 342 new users on the extensions. The proposed facilities are modest in design, size and cost and will be constructed and operated in an environmentally responsible manner.

### II. PROJECT PLANNING AREA

Included as Exhibit 1 is a map of Anderson County with SAWD's boundary, existing facilities and proposed facilities indicated. The planning area for the proposed project includes all of the area within SAWD's boundary as the entire distribution system must be designed to ultimately provide treated water to the entire area. Toward this goal the facilities previously constructed and planned by SAWD have been designed to provide the necessary volume and pressures for the completed system. The proposed facilities are shown on Exhibits II -IV which are portions of the USGS 7.5 minute topographic maps of the areas. The transmission line from the Frankfort Plant Board system will provide an alternate source of water to the system and can be extended to tie into the rest of the system at a later date if need arises. The specific areas to be served by the project include the following roads/communities: Ballard, Dugansville Rd., Hoophole, Puncheon Ck. Rd., and Searcy Sch. Rd.; Fairview, Lick Skillet Rd., and Ky Hwy 1291; Drydock, Anderson City, Buntain Sch. Rd., and Ky 44 east of Glensboro; US 62 west of Johnsonville, Ky Hwy 248 and Ky Hwy 3358 (Tanner Rd.); Burgin Rd.; US 127 Bypass from Sidney to US 127; Cox Rd.; Willow Ck. Rd.; Ky Hwy 44 west of Glensboro; Ashby Rd.; Gilberts Ck. Rd.; Woolridge Rd.; Rice Rd.; and Fox Ck. Rd..

The project will address a serious problem faced by the residents of these areas, that being the lack of a safe, dependable water supply. The personal health and safety of the residents are threatened by contaminated water sources. A portion of the families are also forced to haul water, creating a financial burden. The District has sampled a cross-section of the water supplies in the area and determined that the majority were contaminated by coliform or other bacteria. Tests conducted by the County Health Department and a

private water testing lab indicated that 67% of all cisterns and springs had coliform contamination and that 25% were contaminated with the deadly E. Coli bacterium. Exposure to E. Coli can lead to a range of maladies, from stomach cramps to total kidney failure. The Project Area's homes are either clustered together along creek bottoms where outhouses (approximately 2) and straight pipes prevail, or on farmland where runoff from cattle, hog or horse operations enters the creeks, permeating the water table. Seven households reported that they had contracted intestinal infections from their water supplies.

Fear of drinking the water was prevalent; household surveys revealed that one in two (50%) households purchased their drinking water, spending from \$15 to \$20 monthly for bottled water. Mothers are advised by local physicians to not use well, cistern or spring water for mixing infant formula, frail or ill persons were afraid to consume well, cistern or spring water due to the high mineral content and the possibility of contracting a life-threatening bacteriological infection.

Reports on Anderson County from the Epidemiology section of the Cabinet for Human Resources indicate that, since 1993, there have been 5 cases of Campylobacter, 1 case of E. Coli related illness, 9 cases of Salmonella, and 2 cases of Giardia, all water borne illnesses. The Anderson County Health Department supports these records, citing reported cases of Hepatitis (non-A and non-B) and "many" cases of Campylobacter. According to the Control of Communicable Diseases Manual, "fecal contamination of nonchlorinated public water supplies has caused some extensive outbreaks of Salmonellosis". The Project Area has the largest concentration of households in the County still unserved by potable water (342 consumers of an estimated 500 unserved households), it may be surmised that a number of these cases have been in the Project Area. Severe contamination of water supplies such as those tested, in addition to the aforementioned report, indicates an imminent health threat to the households in this Project Area.

There are no known or anticipated unusual construction conditions. Due to shallow soil depths in much of the area, the unit cost per foot of water line will be slightly higher than in some other areas of the state. The District is not aware of any environmentally significant features, historic sites or important land resources which will be adversely impacted by the project.

### **III. EXISTING FACILITIES**

The District's distribution facilities now consist of approximately 37,000 feet of 8", 273,500 feet of 6", 180,500 feet of 4" and 19,500 feet of 3" distribution line; 3-100,000 gallon and 1-131,000 gallon storage tanks; 3-100 gpm booster pump stations; and assorted accessories such as gate valves, and blow-off hydrants/valves. All of the system is less than 25 years old and a major portion is less than 10 years old. All existing facilities are in good to excellent working condition. The District is currently planning to construct a booster pump station and standpipe in the US 62/US 127 bypass area. These facilities

will provide service to the higher elevations in this area and increase the quantity of water that can be taken out US 62 west.

The District currently purchases all water. It has a contract with the City of Lawrenceburg for up to 10 million gallons per month through 2037.

Given in the attached Summary/Addendum are the District's current rate schedules, tabulation of users by monthly usage categories, status of existing long-term indebtedness and amounts on deposit in the required reserve accounts. The District is physically and economically sound.

#### **IV. PROPOSED FACILITIES AND SERVICES**

**General Description.** The proposed project consists of approximately 24,500 feet of eight inch, 239,325 feet of four inch, and 10,800 feet of three inch water line; 1-300 gpm booster pump station; and distribution system appurtenances such as gate valves, air release valves, blow-off valves, meters, etc. The distribution lines will be primarily of PVC. Some small sections of ductile iron pipe may be used in special areas, i.e., stream crossings, past gas tanks, etc. The facilities will be designed to provide the customers with a minimum pressure of 30 psi at the meter at peak flow conditions. Where static pressures exceed 90 psi, individual pressure regulators will be provided to protect fixtures from high pressures. The booster pump station will pump to the existing standpipe at Ninevah.

The booster pumping station will be designed to maintain a minimum operating level in the standpipe about 10 to 12 feet lower than the overflow elevation of the tank. This will require pumping to begin when the water level in the tank drops to the minimum operating level; pumping will continue until the tank is refilled to just below the overflow level. This procedure will provide adequate pressure stabilization of the system. The hydraulic model of the system is currently being updated to include the proposed project and significant results of the model will be appended to this report when completed.

The locations of the major elements of the project are shown on the attached county road map and portions of the U.S.G.S. topographic maps. An itemized cost estimate is given in Attachment I. The extension of the District's distribution facilities is the only viable alternative for providing water service to these areas of the County.

**Land.** It will be necessary to acquire land on which to construct the booster pump station. A tract approximately 30' x 30' will be needed for the booster pump station. The approximate location of this facility is shown on the attached maps, however, the location may vary depending on the final design of the system and the ability to acquire the land.

**Rights.** Easements will be required for the water distribution lines, many of which will be given by the individual customers. By necessity, some easements for the distribution lines will be on State and County road right-of-way.

No permits or easements have been obtained at this time for the proposed work. It is anticipated that in addition to the land requirements previously mentioned, permits and/or approvals will be required from the following agencies:

Kentucky Public Service Commission  
 Kentucky Department of Transportation  
 Kentucky Department for Environmental Protection - Division of Water  
 Anderson County Fiscal Court

V. COST ESTIMATE

TABLE 1

PRELIMINARY PROJECT COST ESTIMATE  
 PHASE 5 EXPANSION PROJECT  
 SOUTH ANDERSON WATER DISTRICT  
 LAWRENCEBURG, KENTUCKY

Construction Cost Estimate	\$ 1,678,088.75
Contingency	167,816.25
Engineering (Basic)	145,250.00
Construction Inspection	84,675.00
Other Engineering (Geotechnical, Archaeological, Surveying, Preliminary Engineering Report)	15,000.00
Legal	35,000.00
Land and Rights	10,000.00
Interest	30,000.00
Administration/Planning	40,000.00
<b>TOTAL</b>	<b>\$ 2,205,830.00</b>

VI. FEASIBILITY STUDY

It is anticipated that this project will be funded with tap fees; local, district and county contributions, a loan and a grant. This section contains an economic feasibility analysis to determine the affect of additional borrowing on the District's financial integrity and the need for a rate adjustment. The District supplied computer generated billing data for calendar year July 1, 1997 through June 30, 1998 from which the billing analysis was perpared. The annual operating budget was developed adjusting the 1997 Annual PSC Report and Audit for the additional customers, inflation, employee pay raises, etc.



**VII. EXPENSES**

**Operation and Maintenance Expense**

TABLE 2

PROJECTED OPERATION AND MAINTENANCE EXPENSE

Salaries, Wages, Taxes and Benefits .....	\$ 120,000.00
Repairs .....	3,000.00
Insurance .....	7,000.00
Utilities (Operating and Office) .....	17,500.00
Materials and Supplies (Operating and Office) .....	31,000.00
Professional Fees .....	20,000.00
Transportation Expense .....	10,000.00
Miscellaneous .....	8,500.00
P.S.C. Assessment .....	1,000.00
Rental of Building .....	6,000.00
Water Testing .....	1,200.00
Water Purchases .....	<u>172,500.00</u>
 TOTAL .....	 \$ 397,700.00

**Capital Improvements.** In order to serve planned development at the higher elevations in the KY 44 - US 62 - US 127 Bypass area, the District is currently planning to build a new standpipe and booster pump station in this area. The land for the standpipe has been obtained and construction is scheduled to start in January 1999 with completion by May 1, 1999. The District will pay for the improvements by borrowing approximately \$200,000.00 and taking the remainder (\$160,000.00) from their existing funds. It is anticipated that the necessary funding can be obtained locally at a rate of 7% or less for a period of 20 years. The existing rates can support this loan without compromising the integrity of the District.

PENDING CAPITAL IMPROVEMENT  
DEBT SERVICE

\$200,000.00 loan @ 7% / 20 years:	\$200,000.00 (0.09439)
	= 18,878.00
5% Debt Coverage	= <u>944.00</u>
TOTAL	\$ 19,822.00/year

Debt Repayments

TABLE 3

EXISTING DEBT SERVICE REQUIREMENTS

<u>Bond Issue</u>	<u>Balance As of Jan. 1, 2000</u>	<u>Interest Rate</u>
1975	\$ 129,000	5%
1981	39,000	5%
1988 Series A	604,000	6.875%
1988 Series B	128,000	7.375%
1993	<u>628,000</u>	5.5%
	<u>\$1,528,000</u>	

PRINCIPAL MATURITIES - JANUARY 1

<u>Bond Issue</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
1975	6,000	7,000	7,000	7,000	7,000
1981	1,000	1,000	1,000	1,000	1,000
1988-A	7,000	8,000	8,000	9,000	9,000
1988-B	1,000	1,000	2,000	2,000	2,000
1993	<u>6,000</u>	<u>7,000</u>	<u>7,000</u>	<u>8,000</u>	<u>8,000</u>
	21,000	24,000	25,000	27,000	27,000

5 - Year Average = 24,800.00

Interest on Long Term Debt

<u>Bond Issue</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
1975	\$6,450.00	\$6,150.00	\$5,800.00	\$5,450.00	\$5,100.00
1981	1,950.00	1,900.00	1,850.00	1,800.00	1,750.00
1988-A	41,525	41,043.75	40,493.75	39,943.75	39,325.00
1988-B	9,400.00	9,366.25	9,292.50	9,145.00	8,997.50
1993	<u>34,540.00</u>	<u>34,210.00</u>	<u>33,825.00</u>	<u>33,440.00</u>	<u>33,000.00</u>
	\$93,905.00	\$96,670.00	\$91,261.25	\$89,778.75	\$88,172.50

5 - Year Average = \$91,157.50

5-Year Average Principal Plus Interest Payment	=	\$115,957.50
10% Debt Coverage	=	<u>11,595.75</u>
Total Existing Debt Service	=	\$127,553.25

**Depreciation - Existing/Planned Facilities**

Existing Utility Plant* - (\$2,758,848.00 + 45)	=	\$ 61,307.73
Proposed US62/US127 BPS & Standpipe = \$360,000 + 45	=	8,000.00
Proposed Phase 5 Project - \$2,205,830.00 + 45	=	<u>49,018.44</u>
TOTAL	=	\$ 118,326.18

**Proposed Phase 5 Project Debt Repayment**

\$1,088,330.00 Loan @ 5% - \$1,088,330.00 (0.05928)	=	\$64,516.20
10% Debt Coverage	=	<u>6,451.60</u>
		\$70,967.80

**Total Yearly Expenses**

Operation and Maintenance .....	\$396,700.00
Capital Improvements .....	19,822.00
Existing Debt .....	127,553.25
Depreciation .....	118,326.18
Proposed Project Debt Repayment .....	<u>70,967.80</u>
TOTAL .....	\$733,369.23

\*From 1997 Audit

TABLE 4  
BILLING ANALYSES

	July, 1997		(<20,000)		Added Bills	Added Gallons	Adjusted	
	thru June 1998 Bills	Gallons	% Bills	% Gallons			Billing Bills	Analysis Gallons
First 2,000	3,475	3,437,790	21.1	4.6	1,162	1,149,285	4,637	4,587,075
Next 1,000	2,451	6,307,900	14.9	8.4	820		3,271	8,406,600
Next 2,000	4,714	18,914,400	28.6	25.3	1,576		6,290	25,235,500
Next 2,000	2,994	17,769,300	18.1	23.8	1,001		3,995	23,715,600
Next 3,000	1,937	15,965,100	11.7	21.4	648	5,346,700	2,585	21,311,800
10,000 - 20,000	<u>933</u>	<u>12,305,400</u>	<u>5.7</u>	<u>16.5</u>	<u>312</u>	<u>4,122,400</u>	<u>1,245</u>	<u>16,427,800</u>
	16,504	74,699,890			5,520	24,984,485	22,023	99,684,375
20,000 - 30,000	134	3,235,100					134	3,235,100
30,000 - 50,000	82	3,038,400					82	3,038,400
50,000 - 100,000	62	4,730,400					62	4,730,400
> 100,000	<u>36</u>	<u>7,768,800</u>					<u>36</u>	<u>7,768,800</u>
	16,818	93,472,590					22,337	118,457,075

\*Added Bills =  $(59)^{1/2} + 1998-2000 \text{ Growth} + 1/2 (2000 \text{ Growth}) + \text{Project 12}$   
 $= (1/2 (59) + 59 + 59 + 342) 12 = 460 \times 12 = 5,520$   
 Distribute assuming all use in 0-20,000 gallon range.

TABLE 5  
 GENERATION OF REVENUE TABLES

	Bills	1,000 gal.	First 2,000	Next 1,000	Next 2,000	Next 2,000	Next 3,000	>10,000
2,000	4,637	4,587,075	4,587,075					
1,000	3,271	8,406.6	6,542	1,864.6				
2,000	6,290	25,235.5	12,580.0	6,290.0	6,365.5			
2,000	3,995	23,715.6	7,990.	3,995.	7,990.	3,740.6		
3,000	2,585	21,311.8	5,170.	2,585.	5,170.	5,170.	3,216.8	
>10,000	<u>1,559</u>	<u>32,200.5</u>	<u>3,118.0</u>	<u>1,559</u>	<u>3,118.</u>	<u>3,118.</u>	<u>4,677.</u>	<u>19,610.5</u>
	22,337	118,457.075	39,987,075	16,293.6	22,643.5	12,028.6	7,893.8	19,610.5

TABLE 6

	Bill	(1,000) Gallons	Existing Rates		Proposed Rates	
			Rate	Revenue	Rate	Revenue
Minimum	22,337	-	11.35	\$253,524.95	\$ 12.50	\$279,212.50
Next 1,000		16,293.6	5.5	90,429.48	6.10	99,390.96
Next 2,000		22,643.5	4.70	106,424.45	5.15	116,614.02
Next 2,000		12,028.6	3.85	46,310.11	4.25	51,121.55
Next 3,000		7,893.8	3.00	23,681.40	3.30	26,049.54
> 10,000		19,610.5	2.70	52,948.35	3.00	58,831.50
				\$573,318.74		\$631,220.07
Bulk Station		4,000	3.47	<u>13,888.00</u>	3.80	<u>15,200.00</u>
				\$587,198.74		\$646,420.07

TOTAL REVENUES

Sale of Water	\$646,420.07
Service Fees	15,000.00
Interest on Accounts	<u>10,000.00</u>
Total Revenues	\$671,420.07

**IX. CONCLUSIONS AND RECOMMENDATIONS**

**Conclusions**

- A. A majority of the residents in the proposed project area do not have an acceptable domestic water source. Also a health hazard exists due to the contamination of many of the sources currently being used.
- B. The extension of the South Anderson Water District water distribution system into the area is the only viable means of providing them with an acceptable water source.
- C. Significant grant funds will be required for construction in order to keep the rate schedule at a tolerable level.
- D. The financial feasibility indicates that the South Anderson Water District cannot serve the proposed project area on the existing rates without seriously jeopardizing the financial integrity of the operations even with the requested \$1,000,000.00 CDBG grant. The rates proposed herein are sufficient to cover operating expenses, debt service, debt service coverage, bond resolution depreciation reserve funding and provide some net unobligated monies. The revenues are not sufficient to cover the full amount of depreciation allowed in the rate base. The grant is necessary to allow the District to operate comfortably.

**Recommendations**

The project, as presented herein, is feasible with the assumed level of grant and the proposed rates. This will enable the District to accumulate a reasonable amount of monies which could be used to facilitate additional extensions and/or defray unforeseen expenses. An application should be made to Rural Development for loan funds to construct the water system improvements proposed herein.

**Project Funding:**

Community Development Block Grant .....	\$ 1,000,000.00
Rural Development Loan .....	1,088,330.00
Tap Fees .....	61,500.00
Water District and Anderson County Fiscal Court .....	<u>56,000.00</u>
Total .....	\$2,205,830.00

**SUMMARY ADDENDUM**  
*to*  
**PRELIMINARY ENGINEERING REPORT**

**DATED SEPTEMBER, 1998**

*for*

**SOUTH ANDERSON WATER DISTRICT**  
(NAME OF WATER FACILITY PROJECT)

**APPLICANT CONTACT PERSON ALTON WARFORD, MANAGER**

**APPLICANT PHONE NUMBER (502) 839-6919**

In order to avoid unnecessary delays in application processing, the applicant and its consulting engineer should prepare a summary of the preliminary engineering report in accordance with this Guide. Feasibility reviews and grant determinations may be processed more accurately and more rapidly if the Summary Addendum is submitted simultaneously with the preliminary engineering report, or as soon thereafter as possible.

**I. GENERAL**

A. Area to be served: In addition to this summary, the applicant/engineer should submit a project map of the service area showing the following:

1. Existing Facilities - Location and Size.
2. Proposed Facilities - Location and Size.
3. New User Location - Also attach a list of new users, by road.
4. Breakdown of project cost for each branch line.

## II. FACILITY CHARACTERISTICS OF EXISTING WATER SYSTEM

- A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.

South Anderson Water District (SAWD) currently has a contract with the City of Lawrenceburg for up to 10,000,000 gallons per month. In the past, this amount has been exceeded during months of high usage. This contract does not expire until 2037. With this project, SAWD proposes to run a transmission line to the Frankfort Plant Board facilities on US 127 south of I-64 in Franklin County. A contract has not yet been entered into with the Plant Board, however they have indicated a desire to sell the District as much water as they will take. The Frankfort plant has a capacity of 18 mgd and even on a peak day is operating at less than 2/3 capacity.

If the applicant purchases water:

Seller(s): City of Lawrenceburg; Frankfort Plant Board

Price/1,000 gallons: \$1,208; \$1,288

Present Estimated Market Value of Existing System: \$2,500,000.00

- B. Water Storage:

Type: Ground Storage Tank 0 Elevated Tank 0

Standpipe 4 Other None

Number of Storage Structures 4

Total Storage Volume Capacity 431,000

Date Storage Tank(s) Constructed 1-1994, 2-1988, 1-1976

- C. Water Distribution System:

Pipe Material PVC, PE, D.I.

Lineal Feet of Pipe: 3" Diameter 19,500 4" 180,500

6" 273,500 8" 37,000 10" 12"

Date(s) Water Lines Constructed Major extensions 1976, 1983, 1988 & 1994

Number and Capacity of Pump Station(s) 3 @ 100 gpm

D. Condition of Existing Water System:

Briefly describe the condition and suitability for continued use of facility now owned by the applicant. Include any major renovation that will be needed within five to ten years.

All of the District's existing facilities are in good to excellent condition. No major renovations are expected in the next 5-10 years on the existing facilities. However, in order to serve growth in the US 62/US 127 area and provide additional water capacity out US 62 West, the District is currently planning to construct a booster pump station and 180,000 gallon standpipe.

**III. EXISTING LONG-TERM INDEBTEDNESS**

A. List of Bonds and Notes:

<u>DATE OF ISSUE</u>	<u>PRINCIPAL BALANCE</u>	<u>PRINCIPAL PAYMENT</u>	<u>PAYMENT DATE</u>	<u>BOND/NOTE HOLDER</u>	<u>AMOUNT ON DEPOSIT IN RESERVE ACCOUNT</u>
1975 Issue	<u>141,000</u>	<u>6,000</u>	<u>Jan. 1, 1999</u>	<u>USDA</u>	<u>                    </u>
1981 Issue	<u>41,000</u>	<u>1,000</u>	<u>Jan. 1, 1999</u>	<u>USDA</u>	<u>                    </u>
1988 Issue	<u>617,000</u>	<u>6,000</u>	<u>Jan. 1, 1999</u>	<u>USDA</u>	<u>                    </u>
1988 Issue	<u>130,000</u>	<u>1,000</u>	<u>Jan. 1, 1999</u>	<u>USDA</u>	<u>                    </u>
1993 Issue	<u>650,000</u>	<u>6,000</u>	<u>Jan. 1, 1999</u>	<u>USDA</u>	<u>                    </u>
19__ Issue	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>Total \$63,737.00</u>

**IV. LAND AND RIGHTS - EXISTING SYSTEMS(S)**

Number of Treatment Plant Sites	<u>None</u>
Number of Storage Tank Sites	<u>5</u>
Number of Pump Stations	<u>3</u>
Total Acreage	<u>3.0 Acres</u>
Purchase Price	<u>\$ 33,500.00</u>



V. NUMBER OF EXISTING USERS (As of December, 1997)

A. Water Users:

Residential Size Meters (In Town)*	0
Residential Size Meters/Farmers (Out of Town)*	1389
Larger Users (Larger than 5/8" Meter (In Town))	0
Larger Users (Larger than 5/8" Meter (Out of Town))	25
Total	1,414
Number of Total Potential Users Living in the Service Area	approx. 1570

\*NOTE: Residential/Farmers Users: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residence size meters and farmers.

VI. CURRENT CONNECTION FEES FOR EACH SIZE METER CONNECTION

METER SIZE	CONNECTION FEE	MINIMUM WATER USAGE FOR EACH SIZE METER
5/8" x 3/4"	\$500.00	2,000 gallons
1-Inch	\$ Cost	2,000 gallons
1-1½" Inch	\$ Cost	2,000 gallons
2-Inch	\$ Cost	2,000 gallons
3-Inch	\$ Cost	2,000 gallons
4-Inch	\$ Cost	2,000 gallons
5-Inch	\$ Cost	2,000 gallons
6-Inch	\$ Cost	2,000 gallons

## VII. WATER RATES - EXISTING RATE SCHEDULE

Date this rate went into effect: 2/15/97

Meter Size	All	:		
First	2,000	Gallons @	\$11.35	minimum
Next	1,000	Gallons @	\$5.55	per 1,000 gallons
Next	2,000	Gallons @	\$4.70	per 1,000 gallons
Next	2,000	Gallons @	\$3.85	per 1,000 gallons
Next	3,000	Gallons @	\$3.00	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
All Over	10,000	Gallons @	\$2.70	per 1,000 gallons

Bulk Loading Station @ \$3.47 per 1,000 gallons

Meter Size		:		
First		Gallons @	\$	minimum
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
All Over		Gallons @	\$	per 1,000 gallons

Meter Size		:		
First		Gallons @	\$	minimum
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
All Over		Gallons @	\$	per 1,000 gallons

**VII. EXISTING RATE SCHEDULE (Continued)**

Meter Size \_\_\_\_\_ :

First	_____	Gallons @	\$ _____	minimum
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
All Over	_____	Gallons @	\$ _____	per 1,000 gallons

Meter Size \_\_\_\_\_ :

First	_____	Gallons @	\$ _____	minimum
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
Next	_____	Gallons @	\$ _____	per 1,000 gallons
All Over	_____	Gallons @	\$ _____	per 1,000 gallons

**VIII. ANALYSIS OF ACTUAL WATER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD**

For Period July, 1997 to July, 1998

Meter Size	Monthly Water Usage			Average	Residential/Farmer		Non-Residential/Commercial	
					No. of Users	Usage (1000)	No. of Users	Usage (1000)
All	0	-	2,000 Gal.	1,000	3,409	3,409	66	66
	2,000	-	3,000 Gal.	2,500	2,414	6,035	37	92.5
	3,000	-	4,000 Gal.	3,500	2,476	8,666	37	129.5
	4,000	-	5,000 Gal.	4,500	2,185	9,832.5	16	72
	5,000	-	6,000 Gal.	5,500	1,735	9,542.5	18	99
	6,000	-	7,000 Gal.	6,500	1,227	7,975.5	14	91
	7,000	-	8,000 Gal.	7,500	917	6,877.5	8	60
	8,000	-	9,000 Gal.	8,500	594	5,049	8	68
	9,000	-	10,000 Gal.	9,500	400	3,800	10	95
	10,000	-	11,000 Gal.	10,500	238	2,499	7	73.5
	11,000	-	12,000 Gal.	11,500	170	1,955	7	80.5
	12,000	-	13,000 Gal.	12,500	133	1,662.5	3	37.5
	13,000	-	14,000 Gal.	13,500	82	1,107	2	27
	14,000	-	15,000 Gal.	14,500	85	1,232.5	2	29
	15,000	-	16,000 Gal.	15,500	56	868	3	46.5
	16,000	-	17,000 Gal.	16,500	46	759	1	16.5
	17,000	-	18,000 Gal.	17,500	35	612.5	2	35
	18,000	-	19,000 Gal.	18,500	28	518	3	55.5
	19,000	-	20,000 Gal.	19,500	29	565.5	1	19.5
	20,000	-	30,000 Gal.	25,000	129	3,225	5	125
30,000	-	50,000 Gal.	40,000	71	2,840	11	440	
50,000	-	100,000 Gal.	75,000	62	4,650	0	0	
		Over 100,000 Gal.	-		36	7,769	0	0
				Subtotal	(16,557)	(91,450)	( 261)	(1,758.5)
				Average Usage		(5.52)		(6.74)

Total Users = 16,818  
 Total Usage = 93,208.5  
 Combined Avg. Usage = 5.54

1-Inch	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	Subtotal	( ) ( )	( ) ( )

1-1½ Inch	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	_____ Gal.	_____	_____
	Subtotal	( ) ( )	( ) ( )

VIII. CONTINUED.....

Meter Size	Monthly Water Usage	Average	Residential/Farmer		Non-Residential/Commercial	
			No. of Users	Usage (1000)	No. of Users	Usage (1000)
2-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
3-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
4-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
5-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
6-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
		TOTAL	( )	( )	( )	( )
Total Water Purchased and/or Produced					108,053,000	
Total Water Sold			91,450,000		1,758,500	
					93,208,500	

**IX. FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM**

- A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.

With this project, SAWD proposes to run a transmission line to the Frankfort Plant Board facilities on US 127 south of I-64 in Franklin County to supplement the water purchased from the City of Lawrenceburg (See II.A page 2). A contract has not yet been entered into with Frankfort however they have expressed a desire to sell the District as much water as they will take.

- B. Water Storage:

Type: Ground Storage Tank - Elevated Tank -  
 Standpipe - Other None

Number of Storage Structures -

Total Storage Volume Capacity -

Date Storage Tank(s) Constructed -

- C. Water Distribution System:

Pipe Material PVC & D.I.

Lineal Feet of Pipe:	3" Diameter	10,800	4"	239,325
	6"	8"	24,500	10"
				12"

Date(s) Water Lines Constructed 1999

Number and Capacity of Pump Station(s) 1 @ 100 gpm

**X. LAND AND RIGHTS - PROPOSED WATER SYSTEM(S)**

Number of Treatment Plant Sites	0
Number of Pump Sites	1
Number of Other Sites	0
Total Acreage	0.05 Acres
Purchase Price	\$ 1,000.00

## XI. NUMBER OF NEW USERS

### A. Water Users:

Residential Size Meters (In Town)*	0
Residential Size Meters/Farmers (Out of Town)*	342
Larger Users (Larger than 5/8" Meter (In Town))	0
Larger Users (Larger than 5/8" Meter (Out of Town))	0
Total	342
Number of Total Potential Users Living in the Service Area	approx. 400

\*NOTE: Residential/Farmers Users: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residence size meters and farmers.

## XII. PROPOSED CONNECTION FEES FOR EACH SIZE METER CONNECTION

METER SIZE	CONNECTION FEE	MINIMUM WATER USAGE FOR EACH SIZE METER
5/8" x 3/4"	\$500.00	2,000 gallons
1-Inch	\$ Cost	2,000 gallons
1-1/2" Inch	\$ Cost	2,000 gallons
2-Inch	\$ Cost	2,000 gallons
3-Inch	\$ Cost	2,000 gallons
4-Inch	\$ Cost	2,000 gallons
5-Inch	\$ Cost	2,000 gallons
6-Inch	\$ Cost	2,000 gallons

**XIV. FORECAST OF WATER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS**

Meter Size	Monthly Water Usage		Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
					No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
5/8 x 3/4 Inch	0	2,000 Gal.	1,000	12.50	3,706	3,706	46,325.00	66	66	825
	2,000	3,000 Gal.	2,500	15.55	2,624	6,560	40,803.20	37	92.5	575.35
	3,000	4,000 Gal.	3,500	21.175	2,692	9,422	57,003.10	37	129.5	783.48
	4,000	5,000 Gal.	4,500	26.325	2,375	10,687.5	62,521.88	16	72	421.20
	5,000	6,000 Gal.	5,500	31.025	1,886	10,373	58,513.15	18	99	558.45
	6,000	7,000 Gal.	6,500	35.275	1,334	8,671	47,056.85	14	91	493.85
	7,000	8,000 Gal.	7,500	39.050	997	7,477.5	38,932.85	8	60	312.40
	8,000	9,000 Gal.	8,500	42.35	646	5,491	27,358.10	8	68	338.80
	9,000	10,000 Gal.	9,500	45.65	435	4,132.5	19,357.50	10	95	456.50
	10,000	11,000 Gal.	10,500	48.80	259	2,719.5	12,639.20	7	73.5	341.60
	11,000	12,000 Gal.	11,500	51.80	185	2,127.5	9,583.00	7	80.5	362.60
	12,000	13,000 Gal.	12,500	54.80	145	1,812.5	7,946.00	3	37.5	164.40
	13,000	14,000 Gal.	13,500	57.80	89	1,201.5	5,144.20	2	27.0	115.60
	14,000	15,000 Gal.	14,500	60.80	92	1,334	5,593.60	2	29	121.60
	15,000	16,000 Gal.	15,500	63.80	61	945.5	3,891.80	3	46.5	191.40
	16,000	17,000 Gal.	16,500	66.80	50	825	3,340.00	1	16.5	66.80
	17,000	18,000 Gal.	17,500	69.80	38	665	2,652.40	2	35	139.60
	18,000	19,000 Gal.	18,500	72.80	30	555	1,674.00	3	55.5	218.40
	19,000	20,000 Gal.	19,500	75.80	32	624	2,425.60	1	19.5	75.80
	20,000	30,000 Gal.	25,000	92.30	129	3,225	11,906.70	5	125	461.50
30,000	50,000 Gal.	40,000	137.30	71	2,840	9,748.30	11	440	1,510.30	
50,000	100,000 Gal.	75,000	242.30	62	4,650	15,022.60	-	-	-	
Over 100,000	Gal.				36	7,769	23,929.80	-	-	-
Subtotal					(17,974)	(97,814)	(513,368.83)	(261)	(1,758.5)	(8,534.63)
Average Monthly Rate				( 28.62 )						
Average Monthly Usage				(5,440)			(6.74)			

1-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
Subtotal					( )	( )	( )	( )	( )	( )
1-1/2 Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
Subtotal					( )	( )	( )	( )	( )	( )



XIV. CONTINUED.....

Meter Size	Monthly Water Usage	Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
				No. of Users	Usage (1000)	Incom e	No. of Users	Usage (1000)	Incom e
2-Inch	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
3-Inch	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
4-Inch	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
5-Inch	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
6-Inch	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal. _____	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
		TOTALS		( )	( )	( )			

**XV. FORECAST OF WATER USAGE - INCOME - NEW USERS - EXTENSION ONLY**

Meter Size	Monthly Water Usage		Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
					No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
	0	- 2,000 Gal.	1,000	12.50	852	852	10,650.00			
	2,000	- 3,000 Gal.	2,500	15.55	612	1,530	9,516.60			
	3,000	- 4,000 Gal.	3,500	21.175	612	2,142	12,959.10			
	4,000	- 5,000 Gal.	4,500	26.325	540	2,430	14,215.50	12	54	315.90
	5,000	- 6,000 Gal.	5,500	31.025	432	2,376	13,402.80			
	6,000	- 7,000 Gal.	6,500	35.275	312	2,028	11,005.80			
8 x 3/4 Inch	7,000	- 8,000 Gal.	7,500	39.050	228	1,710	8,151.00			
	8,000	- 9,000 Gal.	8,500	42.35	144	1,224	6,436.80			
	9,000	- 10,000 Gal.	9,500	45.65	108	1,026	4,930.20			
	10,000	- 11,000 Gal.	10,500	48.80	60	630	2,928.00			
	11,000	- 12,000 Gal.	11,500	51.80	48	552	2,486.40			
	12,000	- 13,000 Gal.	12,500	54.80	36	450	1,972.80			
	13,000	- 14,000 Gal.	13,500	57.80	24	324	1,135.20			
	14,000	- 15,000 Gal.	14,500	60.80	24	348	1,459.20			
	15,000	- 16,000 Gal.	15,500	63.80	12	186	765.60			
	16,000	- 17,000 Gal.	16,500	66.80	12	198	801.60			
	17,000	- 18,000 Gal.	17,500	69.80	12	210	837.60			
	18,000	- 19,000 Gal.	18,500	72.80	12	222	873.60			
	19,000	- 20,000 Gal.	19,500	75.80	12	234	909.60			
	20,000	- 30,000 Gal.	25,000	92.30	-	-				
	30,000	- 50,000 Gal.	40,000	137.30	-	-				
	50,000	- 100,000 Gal.	75,000	242.30	-	-				
	Over 100,000	Gal.			-	-				
Subtotal					(4,092)	(18,672)	(105,437.40)	(12)	( 54)	(315.90)
Average Monthly Rate				( 25.77)						
Average Monthly Usage					(4,560)			(4,500)		

1-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
			Subtotal		( )	( )	( )	( )	( )	( )

1-1/2 Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
			Subtotal		( )	( )	( )	( )	( )	( )

**XV. CONTINUED.....**

Meter Size	Monthly Water Usage	Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
				No. of Users	Usage (1000)	Incom e	No. of Users	Usage (1000)	Incom e
2-Inch	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
		<b>Subtotal</b>		( )	( )	( )	( )	( )	( )
3-Inch	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
		<b>Subtotal</b>		( )	( )	( )	( )	( )	( )
4-Inch	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
		<b>Subtotal</b>		( )	( )	( )	( )	( )	( )
5-Inch	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
		<b>Subtotal</b>		( )	( )	( )	( )	( )	( )
6-Inch	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
		<b>Subtotal</b>		( )	( )	( )	( )	( )	( )
		<b>TOTALS</b>		( )	( )	( )			

**XVI. CURRENT OPERATING BUDGET - (As of the last full operating year-1997)**

**A. Operating Income:**

Water Sales	<u>\$446,369.00</u>
Disconnect/Reconnect/Late Charge Fees	<u>13,377.00</u>
Other (Describe)	
Less Allowances and Deductions	<u>(            )</u>
Total Operating Income.....	<u>\$459,746.00</u>

**B. Operation and Maintenance Expenses:**

(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

Source of Supply Expense	<u>\$126,062.00</u>
Pumping Expense	<u>6,176.00</u>
Water Treatment Expense	<u>933.00</u>
Transmission and Distribution Expense	<u>71,746.00</u>
Customer Accounts Expense	<u>330.00</u>
Administrative and General Expense	<u>104,834.00</u>
Total Operating Expenses.....	<u>\$10,081.00</u>
Net Operating Income.....	<u>\$149,665.00</u>

**C. Non-Operating Income:**

Interest on Deposits	<u>\$18,227.00</u>
Other (Identify)	<u>0.00</u>
Total Non-Operating Income.....	<u>\$18,227.00</u>

**D. Net Income .....** \$167,892.00

**E. Debt Repayment:**

FmHA Interest	<u>\$97,417.00</u>
FmHA Principal	<u>20,000.00</u>
Non-FmHA Interest	<u>0.00</u>
Non-FmHA Principal	<u>0.00</u>
Total Debt Repayment.....	<u>\$117,417.00</u>

**F. Balance Available for Coverage and Depreciation.....** \$ 50,475.00

**XVII. PROPOSED OPERATING BUDGET - EXISTING & NEW USERS**

(1st Full Year of Operation)

Year Ending Dec. 31, 2000

**A. Operating Income:**

*Water Sales*	<u>\$627,656.76</u>
Disconnect/Reconnect/Late Charge Fees	<u>15,000.00</u>
Other (Describe)	<u>                    </u>
Less Allowances and Deductions	<u>(          )</u>
Total Operating Income.....	<u>\$642,656.76</u>

**B. Operation and Maintenance Expenses:**

(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

Source of Supply Expense	<u>\$172,500.00</u>
Pumping Expense	<u>10,000.00</u>
Water Treatment Expense	<u>1,200.00</u>
Transmission and Distribution Expense	<u>85,500.00</u>
Customer Accounts Expense	<u>500.00</u>
Administrative and General Expense	<u>128,500.00</u>
Total Operating Expenses.....	<u>\$398,200.00</u>
Net Operating Income.....	<u>\$244,456.76</u>

**C. Non-Operating Income:**

Interest on Deposits	<u>\$10,000.00</u>
Other (Identify)	<u>                    </u>
Total Non-Operating Income.....	<u>                    </u>

**D. Net Income .....** \$254,456.76

**E. Debt Repayment:**

FmHA Interest	<u>\$148,321.50</u>
FmHA Principal	<u>21,000.00</u>
Non-FmHA Interest	<u>14,000.00</u>
Non-FmHA Principal	<u>20,000.00</u>
Total Debt Repayment.....	<u>\$196,321.50</u>

**F. Balance Available for Coverage and Depreciation.....** \$ 58,135.26

**XVIII. PROPOSED OPERATING BUDGET - NEW USERS - EXTENSION ONLY**

(1st Full Year of Operation)

Year Ending Dec. 31, 2000

A. Operating Income:

Water Sales	<u>\$105,753.30</u>
Disconnect/Reconnect/Late Charge Fees	<u>3,000.00</u>
Other (Describe)	<u>0.00</u>
Less Allowances and Deductions	<u>( )</u>
Total Operating Income.....	<u>\$108,753.30</u>

B. Operation and Maintenance Expenses:

(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

Source of Supply Expense	<u>\$26,750.00</u>
Pumping Expense	<u>2,000.00</u>
Water Treatment Expense	<u>240.00</u>
Transmission and Distribution Expense	<u>17,100.00</u>
Customer Accounts Expense	<u>100.00</u>
Administrative and General Expense	<u>25,700.00</u>
Total Operating Expenses.....	<u>\$71,890.00</u>
Net Operating Income.....	<u>\$36,863.30</u>

C. Non-Operating Income:

Interest on Deposits	<u>\$2,000.00</u>
Other (Identify)	<u>          </u>
Total Non-Operating Income.....	<u>2,000.00</u>

D. Net Income ..... \$38,863.30

E. Debt Repayment:

FmHA Interest	<u>\$54,416.50</u>
FmHA Principal	<u>0.00</u>
Non-FmHA Interest	<u>          </u>
Non-FmHA Principal	<u>          </u>
Total Debt Repayment.....	<u>\$54,416.50</u>

F. Balance Available for Coverage and Depreciation..... \$<17,553.20>

**XIX. ESTIMATED PROJECT COST - WATER**

Development	\$1,678,088.75
Land and Rights	10,000.00
Legal	35,000.00
Engineering	229,925.00
Interest	30,000.00
Contingencies	167,816.25
Initial Operating and Maintenance	0.00
Other, Geotechnical & Site Surveys	55,000.00*
TOTAL	\$2,205,830.00

**XX. PROPOSED PROJECT FUNDING**

Applicant - User Connection Fees	\$61,500.00
Other Applicant Contribution	56,000.00
FmHA Loan	1,088,330.00
FmHA Grant	0.00
Other (Specify) CDBG Grant	1,000,000.00
Other (Specify)	
Other (Specify)	
Other (Specify)	
TOTAL	\$2,205,830.00

\*Includes \$32,500.00 for administration and \$7,500.00 for planning in conjunction with the CDBG Grant which are not eligible for RD Funding.

**UPDATED COST ESTIMATE  
WILLOW CREEK (AARON BARNETT) ROAD  
JANUARY, 2000**

**CONSTRUCTION ITEMS**

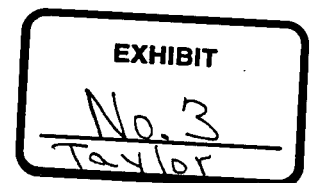
1. 6" x 4" Wet Tap	1 Ea. @ \$1,000.00/Ea.	=	\$1,000.00
2. 4" SDR-21 PVC Pipe	9,650 L.F. @ \$4.50/L.F.	=	43,425.00
3. 4" Bored and Cased	40 L.F. @ \$55.00/L.F.	=	2,200.00
4. 4" Gate Valve	3 Ea. @ \$400.00/Ea.	=	1,200.00
5. Leak Detection Meter	1 Ea. @ \$330.00/Ea.	=	330.0
6. 4" Blow-Off Assembly	1 Ea. @ \$450.00/Ea.	=	450.00
7. 4" Creek Crossing	60 L.F. @ \$55.00/L.F.	=	3,300.00
8. Meter Settings	15 Ea. @ \$275.00/Ea.	=	4,125.00
9. Individual PRV's	12 Ea. @ \$100.00/Ea.	=	1,200.00
10. Service Tubing	675 L.F. @ \$2.75/L.F.	=	1,856.25
11. Air Release Valve	1 Ea. @ \$500.00/Ea.	=	500.00

Estimated Total Construction Cost \$59,586.25

Design and Inspection (12.5%)..... \$7,448.25

Legal, Administration, Etc..... \$4,515.50

**TOTAL ESTIMATE** **\$71,550.00**





**COST ESTIMATE  
COMPLETE LOOP OF WILLOW CREEK  
(AARON BARNETT) ROAD  
JANUARY, 2000**

**CONSTRUCTION ITEMS**

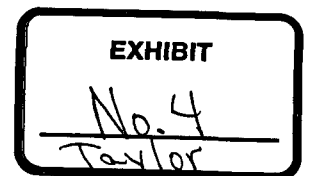
1. 6" x 4" Wet Tap	2 Ea. @ \$1,000.00/Ea.	=	\$2,000.00
2. 4" SDR-21 PVC Pipe	16,895 L.F. @ \$4.50/L.F.	=	76,027.50
3. 4" Bored and Cased	80 L.F. @ \$55.00/L.F.	=	4,400.00
4. 4" Gate Valve	6 Ea. @ \$400.00/Ea.	=	2,400.00
5. Leak Detection Meter	2 Ea. @ \$330.00/Ea.	=	660.00
6. 4" Blow-Off Assembly	1 Ea. @ \$375.00/Ea.	=	375.00
7. 4" Creek Crossing	110 L.F. @ \$55.00/L.F.	=	6,050.00
8. Meter Settings	21 Ea. @ \$275.00/Ea.	=	5,775.00
9. Individual PRV's	16 Ea. @ \$100.00/Ea.	=	1,600.00
10. Service Tubing	945 L.F. @ \$2.75/L.F.	=	2,598.75
11. Air Release Valve	2 Ea. @ \$500.00/Ea.	=	1,000.00

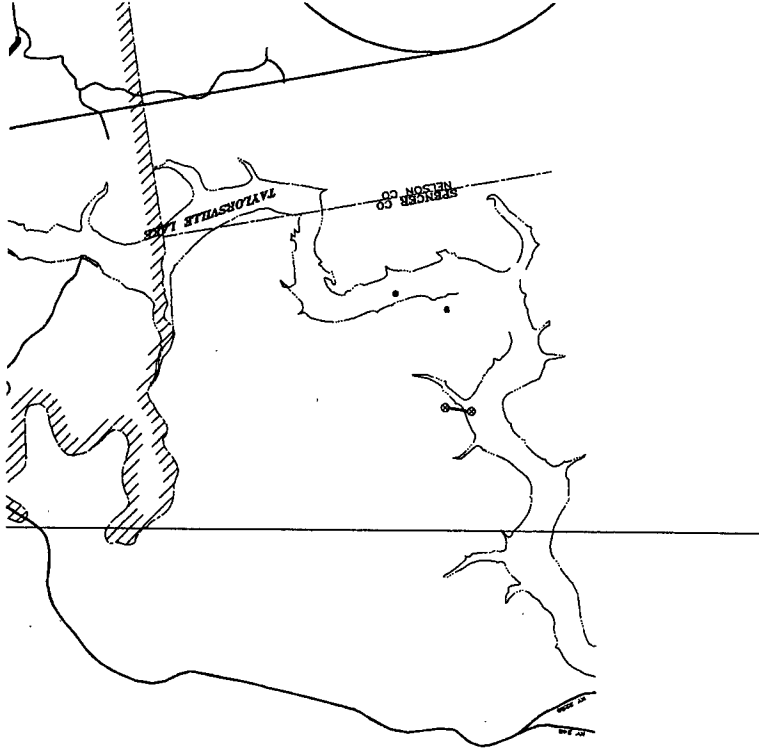
Estimated Total Construction Cost	\$102,886.25
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Design and Inspection (12.5%).....	\$12,860.78
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Legal, Administration, Etc.....	\$7,528.00
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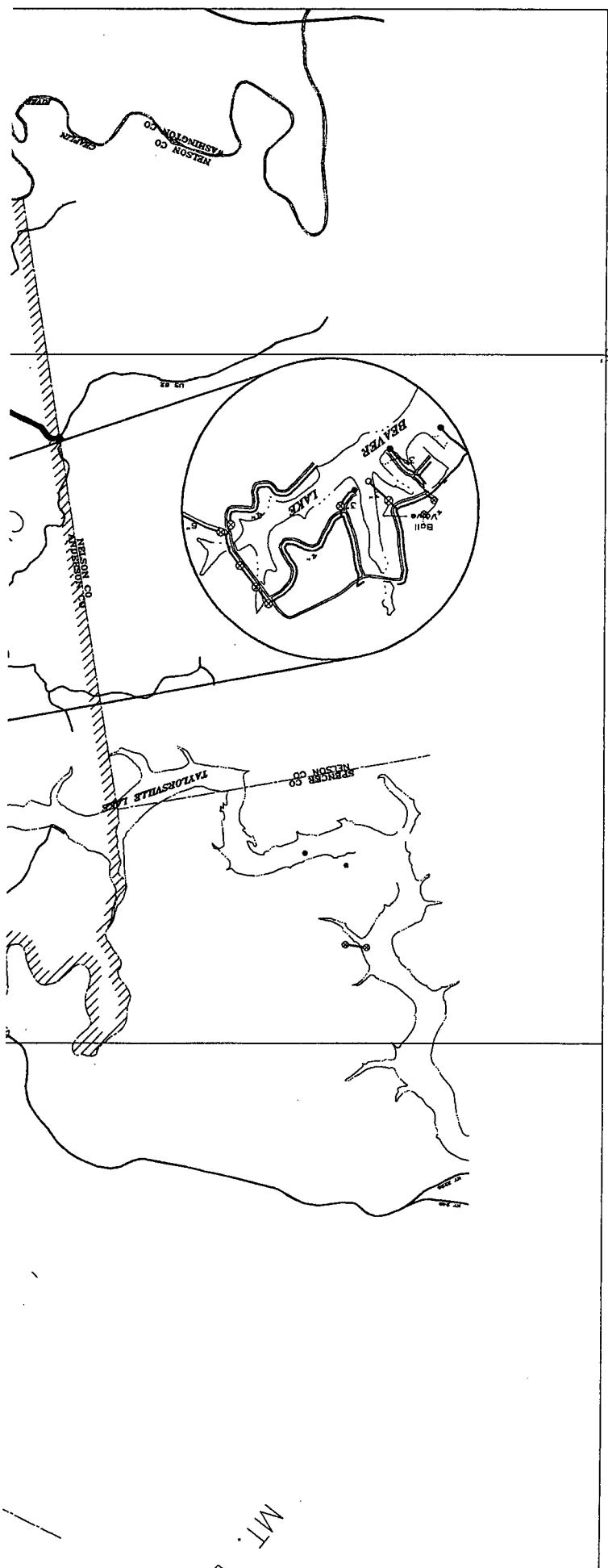
<b>TOTAL ESTIMATE</b>	<b>\$123,275.03</b>
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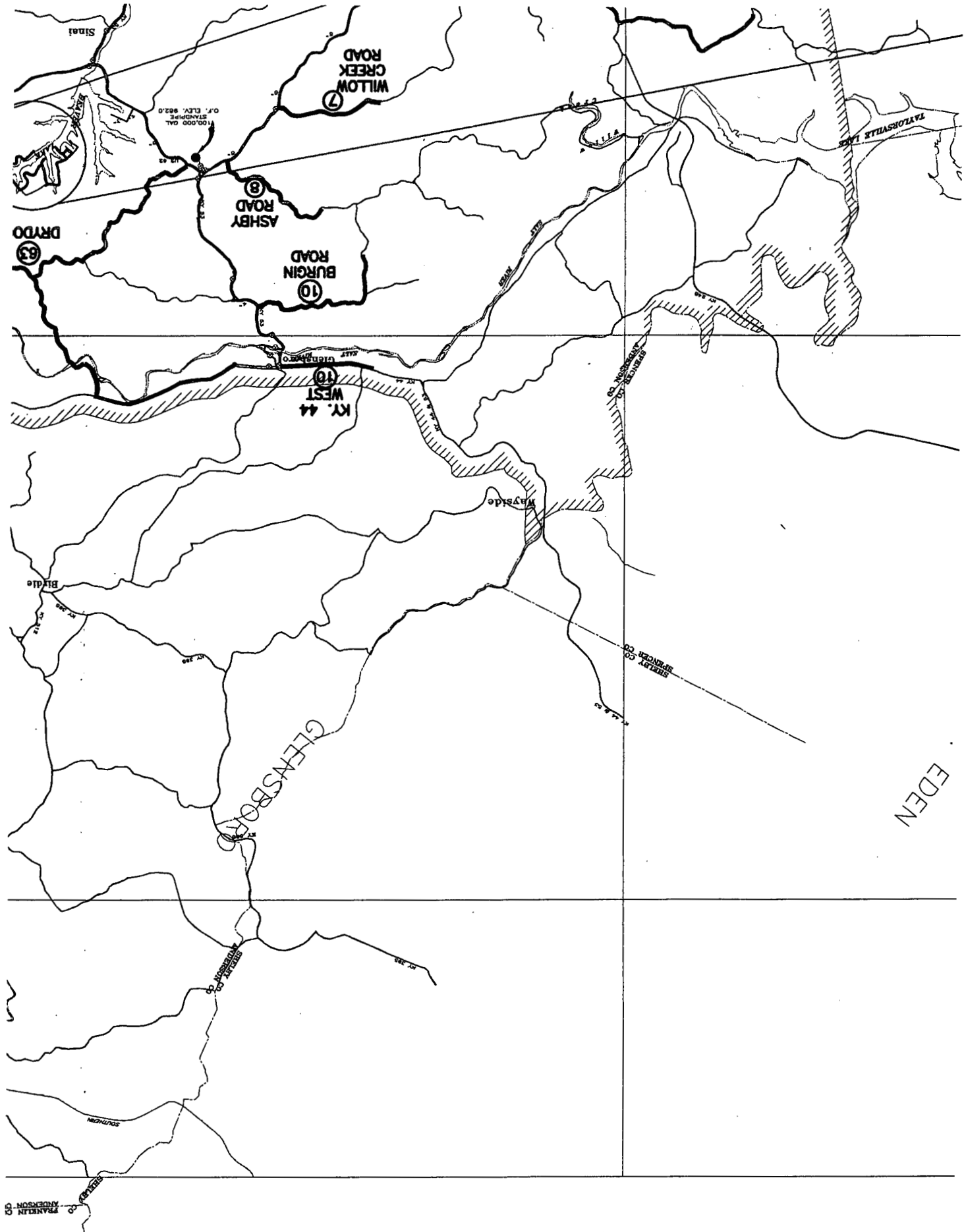


MT. EDEN

5



MT.



SINAI

WILLOW CREEK ROAD  
7

ASHBY ROAD  
8

BURGIN ROAD  
10

WEST KY. 44  
10

Mayside

GLENSBORO

EDEN

TAYLORSVILLE LANE

DRYDO  
63

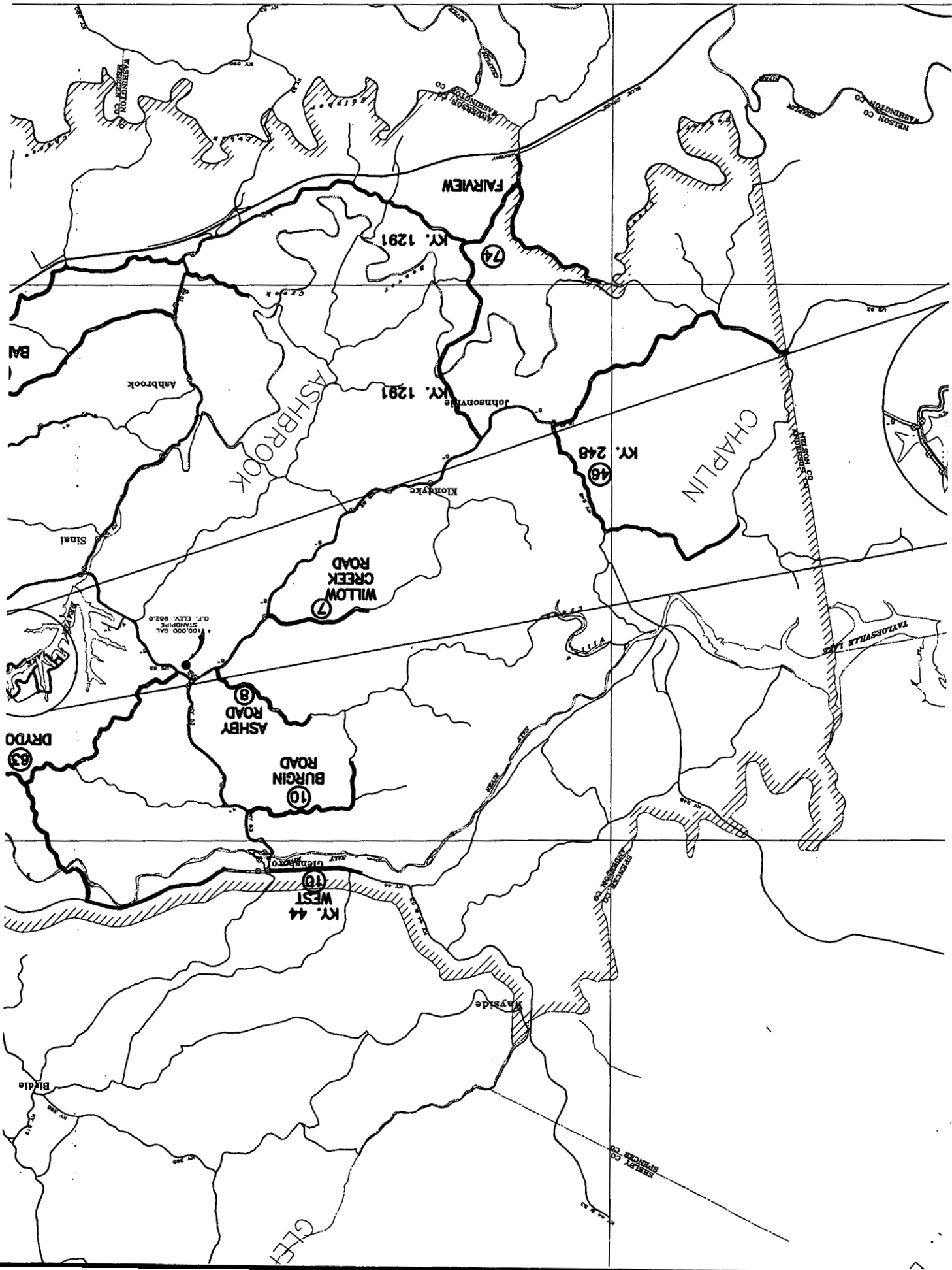
BIDDLE

FRANKLIN CO. ANDERSON CO.

SEBASTIAN CO. SEBASTIAN CO.

SEBASTIAN CO. ANDERSON CO.

100,000 GAL. STANDARD OF. ELEV. 882.0



FARMVIEW

KY. 1291

74

KY. 1291

KY. 248

46

CHAPLIN

WILLOW  
CREEK  
ROAD

7

ASHBY  
ROAD

8

BURGIN  
ROAD

10

KY. 44  
WEST

10

ASHBROOK

Ashbrook

Signal

DRYDO

63

Mayside

TAYLORVILLE LAKE

O.F. ELEV. 982.0  
STANDPIPE  
100,000 GAL.

GLEN

Biddle

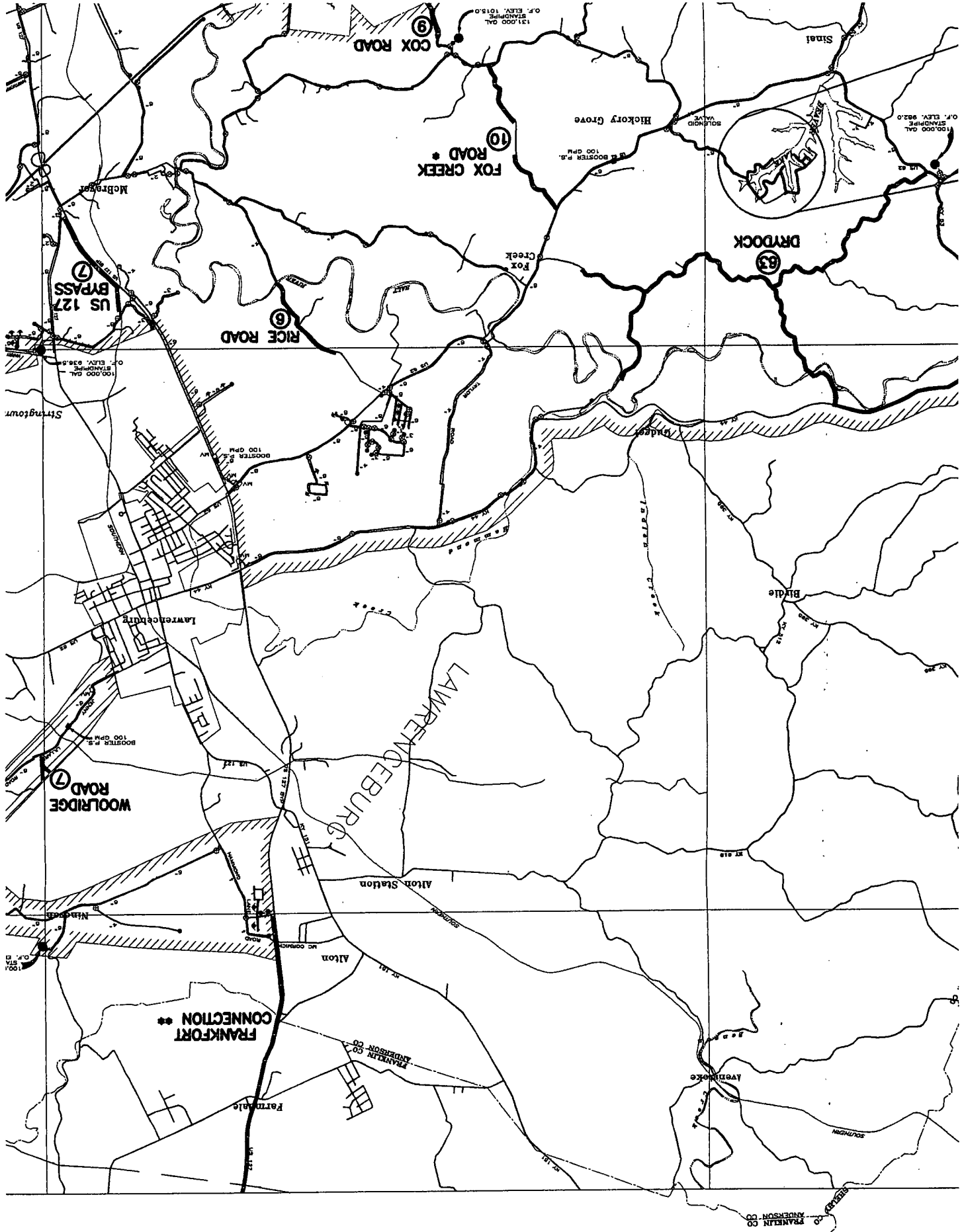
SPENCER CO.

NELSON CO.

WHEELER CO.

WHEELER CO.

BA



COX ROAD

FOX CREEK ROAD

US 127 BYPASS

RICE ROAD

DRYDOCK

WOOLRIDGE ROAD

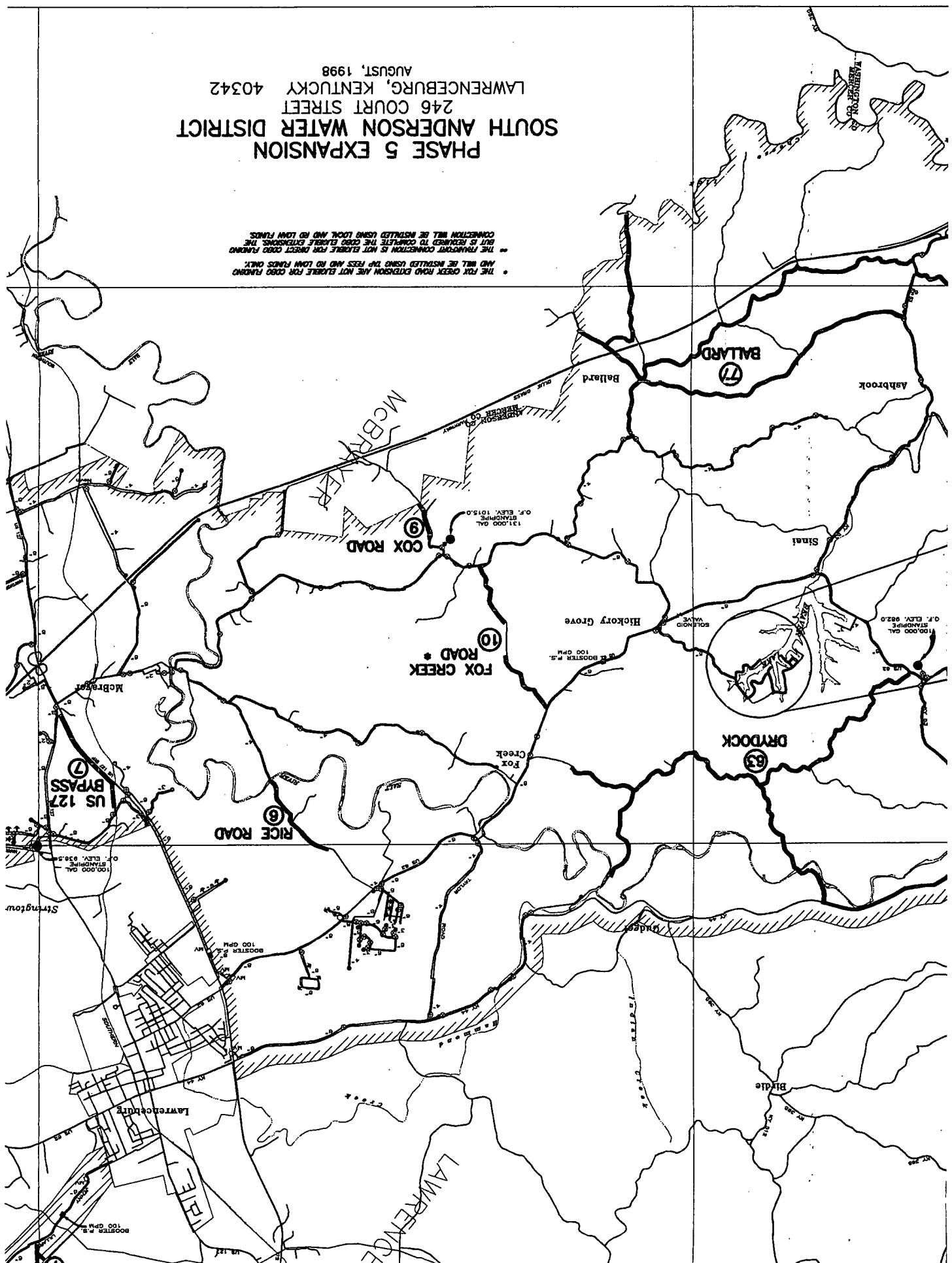
LAWRENCEBURG

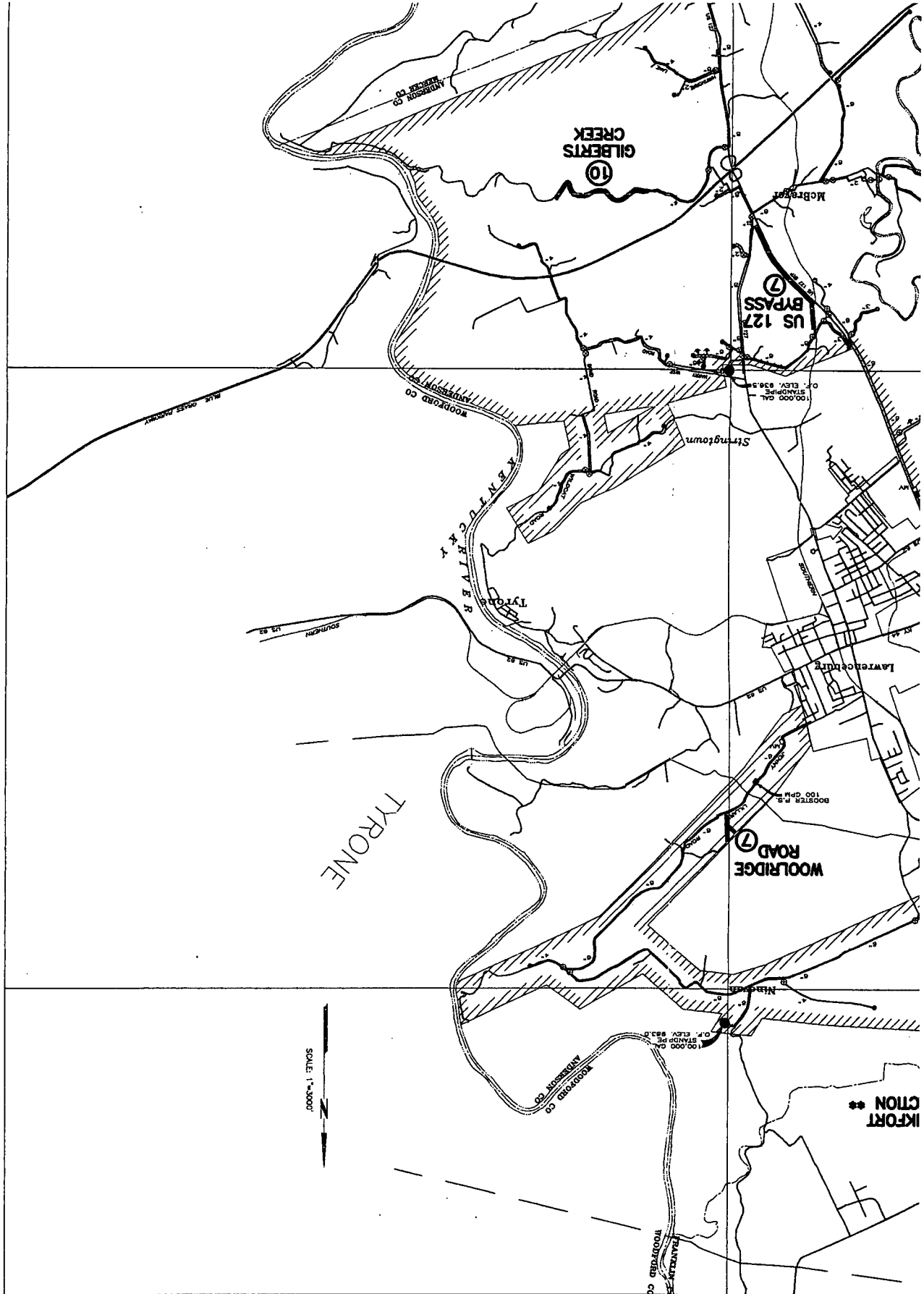
FRANKFORT CONNECTION

FRANKLIN CO ANDERSON CO

**PHASE 5 EXPANSION  
SOUTH ANDERSON WATER DISTRICT  
246 COURT STREET  
LAWRENCEBURG, KENTUCKY 40342  
AUGUST, 1998**

• THE FOX CREEK ROAD EXTENSION ARE NOT ELIGIBLE FOR CDBG FUNDING AND WILL BE INSTALLED USING TFP FEES AND HO LOW INCOME ONLY.  
• THE RIVINGTON CONNECTION IS NOT ELIGIBLE FOR DIRECT CDBG FUNDING BUT IS REQUIRED TO COMPLETE THE CDBG ELIGIBLE EXTENSION. THE CONNECTION WILL BE INSTALLED USING LOCAL AND HO LOW INCOME FUNDS.





51

SCALE: 1"=3000'

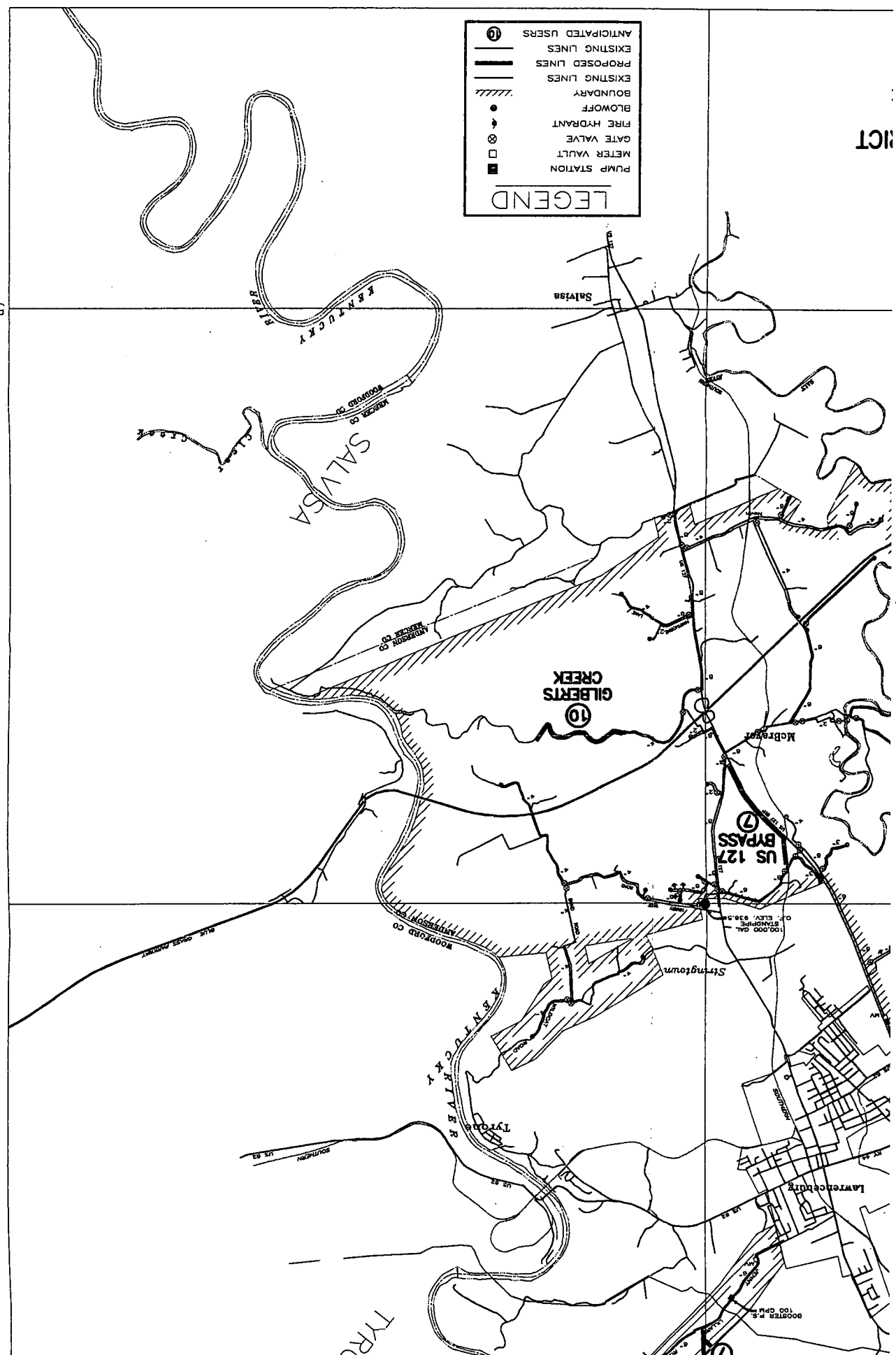


FORT \*\*



**LEGEND**

- ⊠ PUMP STATION
- METER VAULT
- ⊗ GATE VALVE
- FIRE HYDRANT
- BLOWOFF
- /// BOUNDARY
- EXISTING LINES
- PROPOSED LINES
- ⓪ ANTICIPATED USERS



RICT

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 COMBINED CDBG AND RURAL DEVELOPMENT FINANCED PROJECT

AUGUST, 1998

WATER LINE EXTENSIONS

ITEM NO.	ITEM	UNIT	UNIT COST	BALLARD AREA	TOTAL COST	FAIRVIEW KY 1291	TOTAL COST	DRYDOCK AREA	TOTAL COST	US 62 KY 249/335.9	TOTAL COST	BURGIN ROAD	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	54,000	\$229,500.00	40,800	\$173,400.00	49,900	\$212,075.00	35,300	\$150,025.00	7,200	\$30,600.00
2	4-Inch Bored & Cased	LF	55.00	240	13,200.00	310	17,050.00	200	11,000.00	120	6,600.00	80	4,400.00
3	4-Inch Creek Crossing	LF	55.00	120	6,600.00	200	11,000.00	280	15,400.00	180	9,900.00	40	2,200.00
4	6" x 4" Wet Tap	EA	1,000.00	3	3,000.00	1	1,000.00	2	2,000.00	2	2,000.00	0	0.00
5	4" x 4" Wet Tap	EA	800.00	1	800.00	1	800.00	1	800.00	0	0.00	1	800.00
6	4-Inch Gate Valve	EA	400.00	14	5,600.00	11	4,400.00	12	4,800.00	8	3,200.00	2	800.00
7	4-Inch Blowoff Assembly	EA	450.00	6	2,700.00	5	2,250.00	6	2,700.00	4	1,800.00	1	450.00
8	Air Release Valve	EA	500.00	7	3,500.00	5	2,500.00	6	3,000.00	4	2,000.00	1	500.00
9	5/8" x 3/4" Meter Settings	EA	250.00	77	19,250.00	74	18,500.00	63	15,750.00	46	11,500.00	10	2,500.00
10	Individual PRVs	EA	90.00	18	1,620.00	0	0.00	0	0.00	6	540.00	0	0.00
11	3/4" Service Tubing	LF	2.75	3,850	10,587.50	3,700	10,175.00	3,150	8,662.50	2,300	6,325.00	500	1,375.00
12	Pavement Replacement	LF	10.00	440	4,400.00	380	3,800.00	360	3,600.00	250	2,500.00	100	1,000.00
13	Leak Detection Meters	EA	330.00	5	1,650.00	0	0.00	3	990.00	6	1,980.00	1	330.00
14	3-Inch PVC Pipe	LF	3.50	6,500	22,750.00	0	0.00	0	0.00	0	0.00	0	0.00
15	3-Inch Gate Valve	EA	350.00	2	700.00	0	0.00	0	0.00	0	0.00	0	0.00
16	3-Inch Blowoff Assembly	EA	375.00	2	750.00	0	0.00	0	0.00	0	0.00	0	0.00
					\$326,607.50		\$244,875.00		\$280,777.50		\$198,370.00		\$44,955.00

EXHIBIT  
 No. 6  
 Taylor

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 COMBINED CDBG AND RURAL DEVELOPMENT FINANCED PROJECT

AUGUST, 1998

WATER LINE EXTENSIONS

ITEM NO.	ITEM	UNIT	UNIT COST	US 127	TOTAL COST	COX ROAD	TOTAL COST	WILLOW CREEK ROAD	TOTAL COST	KY 44 WEST ROAD	TOTAL COST	ASHBY ROAD	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	5,500	\$23,375.00	6,000	\$25,500.00	6,650	\$28,262.50	6,375	\$27,093.75	6,000	\$25,500.00
2	4-Inch Bored & Cased	LF	55.00	0	0.00	0	0.00	60	3,300.00	30	1,650.00	30	1,650.00
3	4-Inch Creek Crossing	LF	55.00	0	0.00	20	1,100.00	120	6,600.00	40	2,200.00	0	0.00
4	6" x 4" Wet Tap	EA	1,000.00	0	0.00	0	0.00	1	1,000.00	0	0.00	1	1,000.00
5	4" x 4" Wet Tap	EA	800.00	2	1,600.00	1	800.00	0	0.00	1	800.00	0	0.00
6	4-Inch Gate Valve	EA	400.00	1	400.00	1	400.00	1	400.00	3	1,200.00	1	400.00
7	4-Inch Blowoff Assembly	EA	450.00	0	0.00	1	450.00	1	450.00	1	450.00	1	450.00
8	Air Release Valve	EA	500.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1,000.00
9	5/8" x 3/4" Meter Settings	EA	250.00	7	1,750.00	9	2,250.00	7	1,750.00	10	2,500.00	8	2,000.00
10	Individual PRVs	EA	90.00	0	0.00	0	0.00	3	270.00	10	900.00	0	0.00
11	3/4" Service Tubing	LF	2.75	350	962.50	450	1,237.50	350	962.50	500	1,375.00	400	1,100.00
12	Pavement Replacement	LF	10.00	0	0.00	60	600.00	20	200.00	20	200.00	20	200.00
13	Leak Detection Meters	EA	330.00	0	0.00	0	0.00	2	660.00	2	660.00	0	0.00
14	3-Inch PVC Pipe	LF	3.50	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
15	3-Inch Gate Valve	EA	350.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
16	3-Inch Blowoff Assembly	EA	375.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
					\$28,087.50		\$32,337.50		\$43,855.00		\$39,028.75		\$33,300.00

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 COMBINED CDBG AND RURAL DEVELOPMENT FINANCED PROJECT

AUGUST, 1998

WATER LINE EXTENSIONS

ITEM NO.	ITEM	UNIT	UNIT COST	GILBERTS CREEK ROAD	TOTAL COST	WOOLRIDGE ROAD	TOTAL COST	RICE ROAD	TOTAL COST	FOX CREEK ROAD	TOTAL COST	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	6,000	\$25,500.00	0	\$0.00	6,100	\$25,925.00	9,500	\$40,375.00	\$0.00
2	4-Inch Bored & Cased	LF	55.00	0	0.00	20	1,100.00	0	0.00	60	3,300.00	0.00
3	4-Inch Creek Crossing	LF	55.00	0	0.00	0	0.00	160	8,800.00	120	6,600.00	0.00
4	6" x 4" Wet Tap	EA	1,000.00	0	0.00	1	1,000.00	0	0.00	2	2,000.00	0.00
5	4" x 4" Wet Tap	EA	800.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
6	4-Inch Gate Valve	EA	400.00	1	400.00	0	0.00	2	800.00	3	1,200.00	0.00
7	4-Inch Blowoff Assembly	EA	450.00	1	450.00	0	0.00	1	450.00	2	900.00	0.00
8	Air Release Valve	EA	500.00	0	0.00	0	0.00	2	1,000.00	0	0.00	0.00
9	5/8" x 3/4" Meter Settings	EA	250.00	10	2,500.00	7	1,750.00	6	1,500.00	8	2,000.00	0.00
10	Individual PRVs	EA	90.00	10	900.00	0	0.00	6	540.00	6	540.00	0.00
11	3/4" Service Tubing	LF	2.75	350	962.50	350	962.50	300	825.00	400	1,100.00	0.00
12	Pavement Replacement	LF	10.00	60	600.00	20	200.00	40	400.00	40	400.00	0.00
13	Leak Detection Meters	EA	330.00	0	0.00	0	0.00	1	330.00	2	660.00	0.00
14	3-Inch PVC Pipe	LF	3.50	0	0.00	4,300	15,050.00	0	0.00	0	0.00	0.00
15	3-Inch Gate Valve	EA	350.00	0	0.00	2	700.00	0	0.00	0	0.00	0.00
16	3-Inch Blowoff Assembly	EA	375.00	0	0.00	2	750.00	1	375.00	0	0.00	0.00
					\$31,312.50		\$21,512.50		\$40,945.00		\$59,075.00	\$0.00

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 COMBINED CDBG AND RURAL DEVELOPMENT FINANCED PROJECT

AUGUST, 1998

WATER LINE EXTENSIONS

ITEM NO.	ITEM	UNIT	UNIT COST	UNIT TOTALS	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	239,325	\$1,017,131.25
2	4-Inch Bored & Casad	LF	55.00	1,150	63,250.00
3	4-Inch Creek Crossing	LF	55.00	1,280	70,400.00
4	6" x 4" Wet Tap	EA	1,000.00	13	13,000.00
5	4" x 4" Wet Tap	EA	800.00	8	6,400.00
6	4-Inch Gate Valve	EA	400.00	60	24,000.00
7	4-Inch Blowoff Assembly	EA	450.00	30	13,500.00
8	Air Release Valve	EA	500.00	27	13,500.00
9	5/8" x 3/4" Meter Settings	EA	250.00	342	85,500.00
10	Individual PRV's	EA	90.00	59	5,310.00
11	3/4" Service Tubing	LF	2.75	16,950	46,612.50
12	Pavement Replacement	LF	10.00	1,810	18,100.00
13	Leak Detection Meters	EA	330.00	22	7,260.00
14	3-Inch PVC Pipe	LF	3.50	10,800	37,800.00
15	3-Inch Gate Valve	EA	350.00	4	1,400.00
16	3-Inch Blowoff Assembly	EA	375.00	5	1,875.00
					<b>\$1,425,038.75</b>

ESTIMATED PROJECT COST SUMMARY

TOTAL CONSTRUCTION	\$1,425,038.75
CONTINGENCY @ 10.00%	142,511.25
ENGINEERING	118,500.00
INSPECTION	63,175.00
OTHER ENGINEERING	15,000.00
PLANNING / ADMINISTRATION	40,000.00
LEGAL	25,000.00
ACQUISITION	5,000.00
INTEREST	25,000.00
	<b>\$1,859,225.00</b>

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 COMBINED CDBG AND RURAL DEVELOPMENT FINANCED PROJECT

AUGUST, 1998

FRANKFORT CONNECTION

ITEM NO.	ITEM	UNIT	UNIT COST	FRANKFORT CONNECTION	TOTAL COST
1	8-Inch PVC Pipe	LF	\$7.50	24,500	\$183,750.00
2	8-Inch Bored & Cased	LF	70.00	140	9,800.00
3	8-Inch Creek Crossing	LF	60.00	40	2,400.00
4	6" x 6" Wet Tap	EA	1,200.00	1	1,200.00
5	Master Meter	EA	8,000.00	1	8,000.00
6	8-Inch Gate Valve	EA	500.00	8	4,000.00
7	2-Inch Blowoff Assembly	EA	350.00	4	1,400.00
8	Air Release Valve	EA	500.00	5	2,500.00
9	Booster Pump Station	EA	40,000.00	1	40,000.00
10					0.00
11					0.00
12					0.00
13					0.00
<b>TOTAL</b>					<b>\$253,050.00</b>

CONSTRUCTION COST ESTIMATE \$253,050.00  
 CONTINGENCY @ 10% 25,305.00  
 ENGINEERING 26,750.00  
 INSPECTION 21,500.00  
 LEGAL 10,000.00  
 LAND ACQUISITION 5,000.00  
 INTEREST 5,000.00  
 TOTAL \$346,605.00

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 COMBINED CDBG AND RURAL DEVELOPMENT FINANCED PROJECT

AUGUST, 1998

WATER LINE EXTENSIONS AND FRANKFORT CONNECTION

ITEM NO.	ITEM	UNIT	UNIT COST	UNIT TOTALS	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	239,325	\$1,017,131.25
2	4-Inch Bored & Cased	LF	55.00	1,150	63,250.00
3	4-Inch Creek Crossing	LF	55.00	1,280	70,400.00
4	6" x 4" Wet Tap	EA	1,000.00	13	13,000.00
5	4" x 4" Wet Tap	EA	800.00	8	6,400.00
6	4-Inch Gate Valve	EA	400.00	60	24,000.00
7	4-Inch Blowoff Assembly	EA	450.00	30	13,500.00
8	Air Release Valve	EA	500.00	32	16,000.00
9	5/8" x 3/4" Meter Settings	EA	250.00	342	85,500.00
10	Individual PRV's	EA	90.00	59	5,310.00
11	3/4" Service Tubing	LF	2.75	16,950	46,612.50
12	Pavement Replacement	LF	10.00	1,810	18,100.00
13	Leak Detection Meters	EA	330.00	22	7,260.00
14	3-Inch PVC Pipe	LF	3.50	10,800	37,800.00
15	3-Inch Gate Valve	EA	350.00	4	1,400.00
16	3-Inch Blowoff Assembly	EA	375.00	5	1,875.00
17	8-Inch PVC Pipe	LF	7.50	24,500	183,750.00
18	8-Inch Bored & Cased	LF	70.00	140	9,800.00
19	8-Inch Creek Crossing	LF	60.00	40	2,400.00
20	6" x 6" Wet Tap	EA	1,200.00	1	1,200.00
21	Master Meter	EA	8,000.00	1	8,000.00
22	8-Inch Gate Valve	EA	500.00	8	4,000.00
23	2-Inch Blowoff Assembly	EA	350.00	4	1,400.00
24	Booster Pump Station	EA	40,000.00	1	40,000.00
					<b>\$1,678,088.75</b>

ESTIMATED PROJECT COST SUMMARY

TOTAL CONSTRUCTION	\$1,678,088.75
CONTINGENCY @ 10.00%	167,816.25
ENGINEERING	145,250.00
INSPECTION	84,675.00
OTHER ENGINEERING	15,000.00
PLANNING / ADMINISTRATION	40,000.00
LEGAL	35,000.00
ACQUISITION	10,000.00
INTEREST	30,000.00
	<b>\$2,205,830.00</b>

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT (CDBG BUDGET)  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 AUGUST, 1998

ITEM NO.	ITEM	UNIT	UNIT COST	BALLARD AREA	TOTAL COST	FAIRVIEW KY 1291	TOTAL COST	DRYDOCK AREA	TOTAL COST	US 92 KY 248/388	TOTAL COST	BURGIN ROAD	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	54,000	\$229,500.00	40,800	\$173,400.00	49,900	\$212,075.00	35,300	\$150,025.00	7,200	\$30,600.00
2	4-Inch Bored & Cased	LF	55.00	240	13,200.00	310	17,050.00	200	11,000.00	120	6,600.00	80	4,400.00
3	4-Inch Creek Crossing	LF	55.00	120	6,600.00	200	11,000.00	280	15,400.00	180	9,900.00	40	2,200.00
4	6" x 4" Wet Tap	EA	1,000.00	3	3,000.00	1	1,000.00	2	2,000.00	2	2,000.00	0	0.00
5	4" x 4" Wet Tap	EA	800.00	1	800.00	1	800.00	1	800.00	0	0.00	1	800.00
6	4-Inch Gate Valve	EA	400.00	14	5,600.00	11	4,400.00	12	4,800.00	8	3,200.00	2	800.00
7	4-Inch Blowoff Assembly	EA	450.00	6	2,700.00	5	2,250.00	6	2,700.00	4	1,800.00	1	450.00
8	Air Release Valve	EA	500.00	7	3,500.00	5	2,500.00	6	3,000.00	4	2,000.00	1	500.00
9	5/8" x 3/4" Meter Settings	EA	250.00	77	19,250.00	74	18,500.00	63	15,750.00	46	11,500.00	10	2,500.00
10	Individual PRVs	EA	90.00	18	1,620.00	0	0.00	0	0.00	6	540.00	0	0.00
11	3/4" Service Tubing	LF	2.75	3,850	10,587.50	3,700	10,175.00	3,150	8,662.50	2,300	6,325.00	500	1,375.00
12	Pavement Replacement	LF	10.00	440	4,400.00	380	3,800.00	360	3,600.00	250	2,500.00	100	1,000.00
13	Leak Detection Meters	EA	330.00	5	1,650.00	0	0.00	3	990.00	6	1,980.00	1	330.00
14	3-Inch PVC Pipe	LF	3.50	6,500	22,750.00	0	0.00	0	0.00	0	0.00	0	0.00
15	3-Inch Gate Valve	EA	350.00	2	700.00	0	0.00	0	0.00	0	0.00	0	0.00
16	3-Inch Blowoff Assembly	EA	375.00	2	750.00	0	0.00	0	0.00	0	0.00	0	0.00
					\$326,607.50		\$244,875.00		\$280,777.50		\$198,370.00		\$44,955.00

EXHIBIT  
 No. 7  
 Taylor



SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT (CDBG BUDGET)  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 AUGUST, 1998

WATER LINE EXTENSIONS

ITEM NO.	ITEM	UNIT	UNIT COST	US 127	TOTAL COST	COX. ROAD	TOTAL COST	WILLOW CREEK ROAD	TOTAL COST	KY 44 WEST ROAD	TOTAL COST	ASHBY ROAD	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	5,500	\$23,375.00	6,000	\$25,500.00	6,650	\$28,262.50	6,375	\$27,093.75	6,000	\$25,500.00
2	4-Inch Bored & Cased	LF	55.00	0	0.00	0	0.00	60	3,300.00	30	1,650.00	30	1,650.00
3	4-Inch Creek Crossing	LF	55.00	0	0.00	20	1,100.00	120	6,600.00	40	2,200.00	0	0.00
4	6" x 4" Wet Tap	EA	1,000.00	0	0.00	0	0.00	1	1,000.00	0	0.00	1	1,000.00
5	4" x 4" Wet Tap	EA	800.00	2	1,600.00	1	800.00	0	0.00	1	800.00	0	0.00
6	4-Inch Gate Valve	EA	400.00	1	400.00	1	400.00	1	400.00	3	1,200.00	1	400.00
7	4-Inch Blowoff Assembly	EA	450.00	0	0.00	1	450.00	1	450.00	1	450.00	1	450.00
8	Air Release Valve	EA	500.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1,000.00
9	5/8" x 3/4" Meter Settings	EA	250.00	7	1,750.00	9	2,250.00	7	1,750.00	10	2,500.00	8	2,000.00
10	Individual PRV's	EA	90.00	0	0.00	0	0.00	3	270.00	10	900.00	0	0.00
11	3/4" Service Tubing	LF	2.75	350	962.50	450	1,237.50	350	962.50	500	1,375.00	400	1,100.00
12	Pavement Replacement	LF	10.00	0	0.00	60	600.00	20	200.00	20	200.00	20	200.00
13	Leak Detection Meters	EA	330.00	0	0.00	0	0.00	2	660.00	2	660.00	0	0.00
14	3-Inch PVC Pipe	LF	3.50	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
15	3-Inch Gate Valve	EA	350.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
16	3-Inch Blowoff Assembly	EA	375.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
					\$28,087.50		\$32,337.50		\$43,855.00		\$39,028.75		\$33,300.00

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT (CDBG BUDGET)  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 AUGUST, 1998

WATER LINE EXTENSIONS

ITEM NO.	ITEM	UNIT	UNIT COST	GILBERTS CREEK ROAD	TOTAL COST	WOOLRIDGE ROAD	TOTAL COST	RICE ROAD	TOTAL COST	TOTAL COST	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	6,000	\$25,500.00	0	\$0.00	6,100	\$25,925.00	0	\$0.00
2	4-Inch Bored & Cased	LF	55.00	0	0.00	20	1,100.00	0	0.00	0	0.00
3	4-Inch Creek Crossing	LF	55.00	0	0.00	0	0.00	160	8,800.00	0	0.00
4	6" x 4" Wet Tap	EA	1,000.00	0	0.00	1	1,000.00	0	0.00	0	0.00
5	4" x 4" Wet Tap	EA	800.00	0	0.00	0	0.00	0	0.00	0	0.00
6	4-Inch Gate Valve	EA	400.00	1	400.00	0	0.00	2	800.00	0	0.00
7	4-Inch Blowoff Assembly	EA	450.00	1	450.00	0	0.00	1	450.00	0	0.00
8	Air Release Valve	EA	500.00	0	0.00	0	0.00	2	1,000.00	0	0.00
9	5/8" x 3/4" Meter Settings	EA	250.00	10	2,500.00	7	1,750.00	6	1,500.00	0	0.00
10	Individual PPIV's	EA	90.00	10	900.00	0	0.00	6	540.00	0	0.00
11	3/4" Service Tubing	LF	2.75	350	962.50	350	962.50	300	825.00	0	0.00
12	Pavement Replacement	LF	10.00	60	600.00	20	200.00	40	400.00	0	0.00
13	Leak Detection Meters	EA	330.00	0	0.00	0	0.00	1	330.00	0	0.00
14	3-Inch PVC Pipe	LF	3.50	0	0.00	4,300	15,050.00	0	0.00	0	0.00
15	3-Inch Gate Valve	EA	350.00	0	0.00	2	700.00	0	0.00	0	0.00
16	3-Inch Blowoff Assembly	EA	375.00	0	0.00	2	750.00	1	375.00	0	0.00
					\$31,312.50		\$21,512.50		\$40,945.00		\$0.00

00

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT (CDBG BUDGET)  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 AUGUST, 1998

WATERLINE EXTENSIONS

ITEM NO.	ITEM	UNIT	UNIT COST	UNIT TOTALS	TOTAL COST
1	4-Inch PVC Pipe	LF	\$4.25	229,825	\$976,756.25
2	4-Inch Bored & Cased	LF	55.00	1,090	59,950.00
3	4-Inch Creek Crossing	LF	55.00	1,160	63,800.00
4	6" x 4' Wet Tap	EA	1,000.00	11	11,000.00
5	4" x 4' Wet Tap	EA	800.00	8	6,400.00
6	4-Inch Gate Valve	EA	400.00	57	22,800.00
7	4-Inch Blowoff Assembly	EA	450.00	28	12,600.00
8	Air Release Valve	EA	500.00	27	13,500.00
9	5/8" x 3/4" Meter Settings	EA	250.00	334	83,500.00
10	Individual PRV's	EA	90.00	53	4,770.00
11	3/4" Service Tubing	LF	2.75	16,550	45,512.50
12	Pavement Replacement	LF	10.00	1,770	17,700.00
13	Leak Detection Meters	EA	330.00	20	6,600.00
14	3-Inch PVC Pipe	LF	3.50	10,800	37,800.00
15	3-Inch Gate Valve	EA	350.00	4	1,400.00
16	3-Inch Blowoff Assembly	EA	375.00	5	1,875.00
					<b>\$1,365,963.75</b>

ESTIMATED PROJECT COST SUMMARY

TOTAL CONSTRUCTION	\$1,365,963.75
CONTINGENCY @ 10.00%	136,596.25
ENGINEERING	114,375.00
INSPECTION	61,500.00
OTHER ENGINEERING	15,000.00
PLANNING / ADMINISTRATION	40,000.00
LEGAL	25,000.00
ACQUISITION	5,000.00
INTEREST	25,000.00
	<b>\$1,788,435.00</b>

CO

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT (CDBG BUDGET)  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 AUGUST, 1998

FRANKFORT CONNECTION

ITEM NO.	ITEM	UNIT	UNIT COST	FRANKFORT CONNECTION	TOTAL COST
1	8-Inch PVC Pipe	LF	\$7.50	24,500	\$183,750.00
2	8-Inch Bored & Cased	LF	70.00	140	9,800.00
3	8-Inch Creek Crossing	LF	60.00	40	2,400.00
4	6" x 6" Wat Tap	EA	1,200.00	1	1,200.00
5	Master Meter	EA	8,000.00	1	8,000.00
6	8-Inch Gate Valve	EA	500.00	8	4,000.00
7	2-Inch Blowoff Assembly	EA	350.00	4	1,400.00
8	Air Release Valve	EA	500.00	5	2,500.00
9	Booster Pump Station	EA	40,000.00	1	40,000.00
10					0.00
11					0.00
12					0.00
13					0.00
					<b>\$253,050.00</b>

CONSTRUCTION COST ESTIMATE \$253,050.00  
 CONTINGENCY @ 10% 25,305.00  
 ENGINEERING 26,750.00  
 INSPECTION 21,500.00  
 LEGAL 10,000.00  
 LAND ACQUISITION 5,000.00  
 INTEREST 5,000.00

TOTAL \$346,605.00

"Exhibit A"

South Anderson Water District  
PSC Case No. 99-431  
Ruben Barnett Complaint

RESPONSES TO PETITIONER'S STATEMENTS OF FACT

Response to Paragraph 1. - No dispute or correction.

Response to Paragraph 2. - The foundation for this project was laid with the District's last major expansion project, which was started in 1990. Many of the potential customers in this project requested service through that project but the District was unable to secure sufficient funding to reach them. Some had even requested service in the District's earlier expansion projects.

A rural water district is not eligible to receive Community Development Block Grant (CDBG) funding directly from the state; this funding must come through either the County Fiscal Court or a City. On August 5, 1998, the Anderson County Fiscal Court placed a public notice in The Anderson News with the heading: **PUBLIC HEARING NOTICE SOUTH ANDERSON WATER DISTRICT EXPANSION PROJECT.** The notice went on to give information on the CDBG Program; state that information on the program would be available at the office of the County Judge Executive from August 4 through August 17th, 1998; inform the public that the County would hold a Public Hearing on August 18th, 1998, prior to the submission of any application; and that a copy of the CDBG Application would be on file at the County Judge Executive's Office for citizen review and comment from August 18th through August 25th, 1998. The notice indicated the purpose of the hearing was to "...review proposed activities, review any proposed applications, solicit public comments...". This

EXHIBIT

No. 8  
Taylor

application clearly showed the areas of the county including the portion of Willow Creek Road, which was to be served and a large map was used at the public hearing to inform those in attendance. Mr. Barnett did not make his desire for water service known to the County or water district during any of this. (Attached copy of Publisher's Affidavit, Published Notice and minutes of public hearing.)

Response to Paragraph 3. While the District did receive some contact from citizens in response to the October 7, 1998 Notice, none was received from Mr. Barnett. The District is not required to obtain Fiscal Court approval for construction projects.

Response to Paragraph 4. When this notice was published in the newspaper, both the Community Development Block Grant and Rural Development-Rural Utility Service loan applications had already been completed and submitted to the appropriate government agencies. The primary purpose of the notice was to provide "Public Notification for Informing the Public of Possible Impact to an Important Land Resource." It was not intended as a forum to increase the size of the proposed project. Basically, the scope of the project had been set months earlier with the appropriate input of the citizens. It should also be noted that Willow Creek Road is only one of seven roads listed in the notice, which are not proposed for total service and using Mr. Barnett's reasoning several miles would have to be added to the project if only six (6) additional people, one from each of the other roads, contacted the Public Service Commission.

Response to Paragraph 5. SAWD disputes the claim that Mr. Barnett is being treated inequitably in the project. Mr. Barnett is actually being treated the same as everyone else by the District. The waterline as currently proposed serves the customers on Willow Creek Road who had a spokesperson contact the District prior to submittal of the applications requesting service. At that time, the section of Willow Creek Road Mr. Barnett lives on was driven by representatives of the District and found to be unfeasible for inclusion because there were only two (2) residences within the mile. Other entire roads and portions of roads were also omitted from the project because of the low number of customers per mile or per customer construction cost.

Response to Paragraph 6. It should be noted that Mr. Barnett's representatives at this meeting included two (2) real estate agents who were there to complain that they were having trouble selling Mr. Barnett's lots because of a lack of public water.

Response to Paragraph 7. No dispute or correction.

### RESPONSES TO PETITIONER'S ARGUMENTS

Response to Argument 1. The public notice Mr. Barnett refers to was not intended to give the opportunity to add to the project. The scope of the proposed project was set prior to the submission of the funding application months earlier after the appropriate opportunities for public input. The February, 1999 Notice gave the roads which "will be affected by this project"

and the fact that the project "may impact important farm land and designated flood plain". As stated in the notice, it was "to inform the public of this possible result and to request comments concerning (1) the impacts of the proposed location of farmland and flood plain, (2) alternative sites or actions that would avoid these impacts, and (3) methods that could be used to reduce these impacts".

Response to Argument 2. Aaron Barnett Road is actually less than 3.5 miles long and the District is proposing to run less than two (2) miles of waterline along the more densely populated end of the road. The number of potential customers (2) living along the remaining portion of the road at the time the scope of the project was set precluded its inclusion. The District cannot repay loans with potential future customers that will only exist if Mr. Barnett sells his lots.

Response to Argument 3. The Community Development Block Grant application requested the maximum amount of grant funds allowable under the program. Therefore, the additional funding would have to be almost 100% loan money. This in effect would be requiring the other SAWD customers to take out and repay a loan to develop Mr. Barnett's property. This is not something the District would or should do.

Response to Argument 4. The hydraulic benefits of looping Willow Creek Road do not justify the cost of completing the loop.



Response to Argument 5. Kentucky 1291 runs from KY 53 at the Blue Grass Parkway to US 62 near Western Anderson School and the residents along this road are all within Anderson County. A portion of KY 1291 is also named Fairview Road and Fairview Road turns off KY 1291 to the community of Fairview. All but three or four of the potential customers along this road are in Anderson County. Fairview Road is the county line for approximately 0.25 mile just before it reaches and crosses over the Blue Grass Parkway. Any users along the west side of the 0.25 miles would be in Washington County. Mr. Barnett may have actually meant to refer to Lick Skillet Road in this argument. Lick Skillet Road runs from Fairview Road at Fairview to US 62 near Sparrow and is the county line from Fairview to where it crosses Beaver Creek. The proposed project will run a water line along this road a distance of approximately 1.3 miles. Land on the northeast side of the road is in Anderson County, while land on the southwest side is in Washington County. Most of the existing residences along this road are in Washington County.

Response to Argument 6. The goal of the Commissioners of the South Anderson Water District is to make public water available at a reasonable rate to everyone within the District's service area as soon as possible. Once funding for the currently proposed project is in place, the District will start working on the preliminary phases of the next expansion project as it has in the past. The Commissioners of the South Anderson Water District have never indicated to anyone it would be another ten years before the District pursues any further expansion plans.

a/pleading#6: SAWD-RB.rep

# AFFIDAVIT

Don White, publisher of The Anderson News, being a publication with the greatest circulation in Lawrenceburg, Kentucky hereby declares that a public notice relating to the expansion project by the South Anderson Water District and accepting applications under the 1998 Community Development Block Grant ran in the August 5, 1998 issue.

*Don White*

Don White, Publisher, The Anderson News

Subscribed and sworn to before me, a Notary Public within and for the State of Kentucky and County of Anderson, by Don White, Publisher of The Anderson News, to me personally known, this 5th day of August, 1998.

My commission expires the 15th day of March, 2002.

*Janie Buntain*

Janie Buntain

Notary Public, State at Large

... your business, you may be able to take care of it at any time."

Social Security's toll-free number, (800) 772-1213, provides automated services around the clock, Schuler said. You can apply for a Social Security number, request a "Personal Earnings and Benefit Estimate Statement," verify your benefits, find out the location of the nearest Social Security office, request publications or receive general

early in the week and early in the month, so if your business can wait, it's best to call at other times. However, if you are planning to file for benefits, you should call us as soon as possible," Schuler said.

"When you call, have your Social Security Number handy, a list of questions you want to ask, any recent correspondence you received from us and a pencil and paper to record information and answers to your questions."

loan program) with aggregate principal amount not exceeding \$117,000,000.

II. Summary

The Supplement supplements the Resolution by approving the delivery of a bond insurance policy by ACA Financial Guaranty Corporation, a Maryland stock insurance company, to be

# NOTICE

The Lawrenceburg National Bank is currently accepting sealed bids for the purchase of a 1995 Chevy Corsica. Seller reserves the right to bid. This vehicle will be sold without any warranty or fitness for a particular purpose. Purchaser will pay all taxes and transfer fees. Bids will be received until 4:00 p.m. Friday, August 14, 1998. Call 839-2600 for more information.

## PUBLIC HEARING NOTICE SOUTH ANDERSON WATER DISTRICT EXPANSION PROJECT

To all interested citizens of Anderson County, Kentucky, the Kentucky Department for Local Government is accepting applications under the 1998 Community Development Block Grant (CDBG) Program. The following information concerning the CDBG Program is available for public inspection.

- A. Amount of funds available and range of activities that may be undertaken.
- B. Estimated amount of funds proposed to be used for activities benefiting persons of low to moderate income.
- C. Plans for minimizing displacement persons as a result of activities assisted with CDBG funds and plans for providing assistance to those persons to be actually displaced as a result of CDBG funded activities.
- D. Records regarding the past use of CDBG funds.
- E. A summary of those important program requirements.

The above information is available at the office of the County Judge Executive from August 4th through August 17th, 1998, during regular business hours.

The County will hold a Public Hearing prior to submission of any application. The Public Hearing will be held on August 18th, 1998, 6:00 p.m., at the Anderson County Courthouse's District Courtroom, South Main Street, Lawrenceburg, Kentucky. The purpose of this hearing is to obtain views on housing, economic development and community development needs, review proposed activities, review any proposed applications, solicit public comments and inform citizens that technical assistance is available to help groups representing low and moderate income persons in developing proposals.

### COMMENTS ON APPLICATIONS

A copy of the CDBG application will be on file at the County Judge Executive's Office for citizen review and comment during regular business hours from August 18th through August 25th, 1998. Comments on the proposed application may be submitted to the attention of the County Judge Executive until August 28th, 1998. TDD# for the hear-

## INVITATIO

### 30' X 70' OFFICE AND

Alton Water & Sewer District is a... tion office and storage building. The South and adjacent to the fire station obtained at the Alton Water and Sewer Office by 10:00... opened and read aloud at that time reject any and all bids and to wa... interest of the Alton Water and Sewer

## NOTICE TO CREDITORS APPOINTED BY ANDERSON COUNTY DURING MONTE

All persons having claims against Deceased, 391 South Main Street, must file same with Phyllis J. Pace, Kentucky 40342, through Honora Law, 250 West Main Street, Suite 1743, on or before January 1, 1999.

All persons having claims against Sparks, Deceased, 1204 Jenny Lind, 40342, must file same with Linda, 1212 Jenny Lind Road, Lawrenceburg, Kentucky 40342, on or before January 15, 1999.

All persons having claims against Deceased, 305 Saffell Street, Law must file same with Katherine K. Corn, Post Office Box 178, Kentucky 40342, on or before January 15, 1999.

All persons having claims against Deceased, 1100 Kaye Road, Law must file same with N. Daine Waiford, E. Lawrenceburg, Kentucky 40342, Post Office Box 178, Lawrenceburg, Kentucky 40342, on or before January 15, 1999.

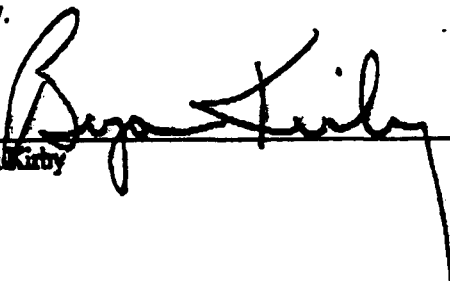
All persons having claims against Deceased, 1306 And, Kentucky 40342, through Betty Jo, Lawrenceburg, Kentucky 40342, on or before January 15, 1999.

All persons having claims against Deceased, 1484 Bonds Mill Road, must file same with Carolyn Harris, Bonds Mill Road, Lawrenceburg, Kentucky 40342, on or before January 22, 1999.

All persons having claims against Deceased, 430 Saffell Street, must file same with Roger Michael, Indiana 47001 and William Edward, Lawrenceburg, Kentucky 40342, in, St. Clair Street, Post Office Box 52, Lawrenceburg, Kentucky 40342, on or before January 22, 1999.

**ANDERSON COUNTY CDBG PUBLIC HEARING  
SOUTH ANDERSON WATER EXPANSION PROJECT  
AUGUST 18, 1998, 6:00 p.m.**

The Public Hearing was opened by Bryan Kirby of Community & Economic Development Associates, the Project Consultant. Mr. Kirby welcomed those in attendance and distributed an agenda for the hearing. After discussing all items on the agenda which related to the KYCDBG Program, he distributed a large map which indicated the location of the water lines the County and District were proposing to construct. Several residents of these areas asked about the size of lines, positioning, etc. which was addressed in full by Mr. Alton Warford, the Water District Manager. Mr. Wayne Todd asked about the source of water for the proposed areas since the City had publicly stated that the District would not be able to purchase more water from the City due to the capacities of the Water Treatment Plant. Mr. Warford and Mr. Kirby explained the bulk water purchase agreement and the provision of a 8" distribution line which would connect the District to the Frankfort Plant Board's system near the County line. There being no further questions or comments, the Public Hearing was adjourned by Mr. Kirby.

  
Bryan Kirby

SOUTH ANDERSON WATER DISTRICT  
246 COURT STREET  
P.O. BOX 16  
LAWRENCEBURG, KY 40342

SOUTH ANDERSON WATER DISTRICT  
MINUTES FROM AUGUST 19, 1999

THE AUGUST MEETING OF THE SOUTH ANDERSON WATER DISTRICT WAS  
CALL TO ORDER BY CHAIRMAN BOB KINCER. MINUTES OF THE PREVIOUS  
MEETING WERE READ AND A MOTION BY JANET TO APPROVE THE  
MINUTES AS READ.

THE BOARD REVIEWED WARRANT #282. BOB KINCER MADE A MOTION TO  
PAY ALL BILL LISTED IN WARRANT #282, SECOND BY GEORGE KINNE,  
MOTION CARRIED.

BOB WELCOMED OUR GUESTS, MR. JOHN CUNNINGHAM (REALTOR), MR.  
REUBIN BARNETT (PROPERTY OWNER), & MR. REGINALD L. THOMAS,  
ATTORNEY FOR MR. BARNETT.

MR. THOMAS REQUESTED THAT THE WATER BOARD HOLD UP ITS WATER  
PROJECT AND ADD MR. BARNETT'S PROPERTY ON WILLOW CREEK ROAD.  
MR. BARNETT WANTS WATER RAN SO HE CAN SELL HIS LOTS. THE BOARD  
EXPLAINED THAT MR. BARNETT HAD THE OPERATUNITY A YEAR AND A  
HALF AGO TO SIGN UP BUT AT THE TIME HE ONLY HAD THREE (3) HOUSES  
AND IT WASN'T FEASSABLE TO RUN WATER ONE (1) MILE FOR (3) HOUSES  
SO IT WAS NOT INCLUDED IN THE PROJECT. WE EXPLAINED THAT WE  
COULD NOT HOLD UP OUR 340 CUSTOMERS THAT HAVE BEEN WAITING A  
YEAR OR SO FOR WATER AND TAKE THE CHANCE OF LOOSING OUR GRANT  
MONEY OF NINE HUNDRED THOUSAND DOLLARS (\$900,000) AND HAVING  
THE WHOLE PROJECT FALL THRU. WE EXPLAINED THAT THERE ARE A LOT  
OF OTHERS WHO WANT WATER, BUT WILL HAVE TO BE PUT IN THE NEXT  
PROJECT DO TO THE AMOUNT OF MONEY WE HAVE TO DO THIS ONE ONLY  
AT THIS TIME.

CHAIRMAN BOB KINCER MADE A MOTION TO GO AHEAD WITH OUR  
PROJECT AND NOT DELAY IT. MOTION 2<sup>ND</sup> BY GEORGE KINNE, MOTION  
CARRIED.

THE BOARD VOTED TO ADOPT A RESOLUTION TO ENTER IN THE KENTUCKY PUBLIC EMPLOYEES DEFERRED COMPENSATION PLAN FOR ITS EMPLOYEES (COPY ATTACHED).

KEN TAYLOR (DISTRICT ENGINEER) UPDATED THE BOARD ON OUR PROJECT. HE SAID THAT THE MONEY MIGHT COME SOONER THAN EXPECTED. HE ALSO SAID THAT AN ENVIRONMENTAL GROUP WOULD HAVE TO CHECK OUR WATER LINE ROUTE BEFORE WE START THE PROJECT.

KEN TOLD THE BOARD THAT A MEETING IS SET UP FOR AUGUST 26, 1999 @ 1:00P.M. TO CLOSE THE PAPERWORK ON THE TANK PROJECT.

WITH NO OTHER BUSINESS, THE MEETING WAS ADJOURNED.

**\*\* NEXT MEETING WILL BE SEPTEMBER 16, 1999 @ 7:30P.M.\*\***

**PRESENT AT MEETING**

**JOHN CUNNINGHAM, REBEN BARNETT, REGINALD L. THOMAS, KEN TAYLOR, JANET BRYANT, ALTON WARFORD, BOB KINCER, RAY EDELMAN, GEORGE KINNE**

**ROADS RECEIVING PARTIAL WATER**

**8/19/99**

**TANNER ROAD  
WILLOW CREEK ROAD  
ASHBY ROAD  
BURGIN ROAD  
GLENSBORO ROAD (HWY 44)  
SEARCY SCHOOL ROAD  
HUNGRY RUN ROAD  
DUGANSVILLE ROAD  
LICK SKILLET ROAD  
COX ROAD  
GILBERTS CREEK ROAD**

# South Anderson Water District

## AGENDA

August 19, 1999

- ✓ 1. MEETING CALLED TO ORDER
- ✓ 2. WELCOME GUEST:  
REGINALD L. THOMAS, ATTORNEY FOR REUBEN BARNETT  
DUDLEY SHRYOCK, CPA
- ✓ 3. READING AND APPROVAL OF MINUTES FROM  
PREVIOUS MEETING
- ✓ 4. READING AND APPROVAL OF WARRANT #282
- ✓ 5. UPDATE ON PROJECT AND TANK FROM KEN TAYLOR
6. ANY OTHER BUSINESS
7. MEETING ADJOURN

**\*\* NEXT MEETING WILL BE HELD ON\*\***

**THURSDAY, SEPTEMBER 16, 1999 @ 7:30 PM**





APPEARANCES:

Raymond M. Edelman, Esq.  
150 South Main Street  
Lawrenceburg, Kentucky 40342

ATTORNEY FOR SOUTH ANDERSON  
WATER DISTRICT

ALSO PRESENT:

Alton Warford

\* \* \* \* \*

INDEX

WITNESS: BOB KINCER

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EXHIBIT NO. 1 PETITION FOR WILLOW CREEK ROAD 18

EXHIBIT NO. 2 APPLICATION FOR FUNDING WITH 31  
ATTACHMENTS

1                   The witness, BOB KINCER, after first  
2 being duly sworn, was examined and testified as  
3 follows:

4                                   EXAMINATION

5           By Mr. Edelman:

6 1    Q        Would you state your name for the record,  
7                   please?

8           A        Bob Kincer.

9 2    Q        Mr. Kincer, where do you reside?

10       A        At 1100 Harry Wise Road in Anderson  
11                   County.

12 3    Q        How long have you been a resident of  
13                   Anderson County?

14       A        Since 1962.

15 4    Q        So that would be how many years?

16       A        Oh, 30 -- 38.

17 5    Q        38 years. You are currently the chairman  
18                   of the South Anderson Water District; is  
19                   that correct?

20       A        Yes.

21 6    Q        And who else is on that commission board?

22       A        George Kinne, he is one of the original  
23                   commissioners, and Janet Bryant, who...

24 7    Q        How long has Janet been a commissioner?

25       A        Janet went on after the '88 project,

1 because we included her in that, or her  
2 home. And I would say probably '89, I  
3 think it was, we completed that project.

4 8 Q Eleven or 12 years she would be a  
5 commissioner, somewhere in that -- ten to  
6 11 years?

7 A Yes, somewhere in that neighborhood.

8 9 Q And you've been a commissioner for how  
9 long?

10 A I went on as a commissioner in and around  
11 that '88 project. Before that time, I  
12 was more a consultant from the agency  
13 that I work with, which is trying to help  
14 the people in Anderson County get some  
15 other services other than electricity,  
16 and water was one of them.

17 10 Q Okay. We'll get to that in a second.  
18 Mr. Kinne was one of the original  
19 commissioners you said?

20 A Yes.

21 11 Q Is it true that the water district was  
22 organized sometime in the mid to later  
23 '60s? Would that be fair?

24 A There was a lot of talk in the '60s about  
25 forming a water district to serve the

1 southern part of Anderson County. Money  
2 never became available until the early  
3 part of 1970, and the district was really  
4 put together, and the first project was  
5 started in, like, 1974, completed in  
6 1976.

7 12 Q Let me digress for one second. You are  
8 retired?

9 A Yes.

10 13 Q Okay. And you've been retired for how  
11 long?

12 A Year and a half.

13 14 Q Prior to your retirement you worked  
14 where?

15 A I worked for Fox Creek Rural Electric.

16 15 Q And what is Fox Creek Rural Electric?

17 A It's a rural electric cooperative, which  
18 was formed back in the late 1930s, to  
19 take electricity outside of the city  
20 limits, normally into the county, and I  
21 started to work with them in 1967 and  
22 retired in August of 1998.

23 16 Q Okay. And when you retired, what was  
24 your position with the rural electric?

25 A I was the president and general manager,

1 CEO, whatever that position calls for, at  
2 that time.

3 17 Q And what territory did Fox Creek cover or  
4 serve? What were you in charge of?

5 A We had service going into four major  
6 counties, Anderson, Franklin, Mercer and  
7 Woodford, and then parts of about five  
8 more counties, included Jessamine,  
9 Washington, Spencer, Shelby, those  
10 outlying. So there was about 10,000  
11 customers that we served in that service  
12 area.

13 18 Q And as part of your duties throughout  
14 your career with Fox Creek, did they  
15 entail dealing with the general public as  
16 far as supplying utility service, and in  
17 this case electricity service to that  
18 area and those folks?

19 A Yes. In fact, the cooperative allowed me  
20 and a member service responsibility at  
21 that time to work with communities in  
22 whatever their needs were. Most of the  
23 time people wanted water. Away from the  
24 city, they felt like that water was the  
25 next best thing after electricity. So we

1 did work with communities and agencies,  
2 and that's how I became more of a  
3 consultant to South Anderson for ten to  
4 15 years, just helping the commissioners  
5 get money, you know, go to door to door  
6 to see if people were interested in  
7 starting a district.

8 19 Q And isn't it not in fact true that prior  
9 to the time that South Anderson moved its  
10 offices to Court Street, that the  
11 meetings and the various project get-  
12 togethers were held at the Fox Creek  
13 Rural Electric --

14 A Yes.

15 20 Q -- building out here on 62 in Anderson  
16 County?

17 A A lot of community functions are allowed  
18 to meet in that building that's working  
19 to get services out in the county. In  
20 fact, we even did the billing in the  
21 early years for the water district.

22 21 Q So you've been extremely familiar with  
23 the workings of South Anderson Water  
24 District, and also extremely familiar  
25 with how a utility is supposed to deal

1 with its customers?

2 A Yes, very much so.

3 22 Q What's your philosophy on not only  
4 supplying electric service, but supplying  
5 water service to the folks in Anderson  
6 County and, obviously, electricity to  
7 more than Anderson County, others in the  
8 territory? Do you have a philosophy on  
9 that?

10 A Well, I think the philosophy comes from  
11 the cooperative itself, is that they are  
12 member owned. As people that get service  
13 from a cooperative, really own the  
14 cooperative. And with that in mind, it  
15 certainly was a feeling that we as a  
16 utility, speaking of Fox Creek, needed to  
17 help communities of the people that we  
18 served in of getting as many services  
19 that they felt like that they needed, and  
20 water becomes probably the next step from  
21 that.

22 23 Q And following what you had referred to  
23 earlier, the phase one or the initial  
24 project into South Anderson County, how  
25 was that project funded?



1           A       It was really funded through the Farm and  
2                    Home Administration, which is a little  
3                    different from the organization now that  
4                    loans money. But it came out of the  
5                    Department of Agriculture out of  
6                    Washington to where they would fund  
7                    projects. Most of the time this is a low  
8                    interest loan. Sometimes to help  
9                    districts, where it's not feasible to do  
10                   it in all loan money, there is grant  
11                   money available, and that comes from  
12                   different agencies to help fund a project  
13                   to make it feasible.

14   24   Q       Just so I understand, loan money that the  
15                   district would obtain would have to be  
16                   paid back at some low interest rate,  
17                   generally three, four, five, six percent?

18           A       Yes.

19   25   Q       I suppose over the years that interest  
20                   rate has varied within those numbers?

21           A       Uh-huh (affirmative).

22   26   Q       Grant money is money that is pretty much  
23                   given to the district that doesn't have  
24                   to be paid back; is that correct?

25           A       That is correct.

1 27 Q How many projects has South Anderson been  
2 involved with over the past 20, 25 years?  
3 A Yes. The initial project that I said  
4 that was completed in 1976 was our  
5 beginning. We probably served about 200  
6 people in 30 miles of line at that time.  
7 Then from that point up to today, we're  
8 into our fifth expansion right now and we  
9 call it phase five. Probably about every  
10 four to five years we would relook at the  
11 service area where we stopped off and  
12 start putting a project together. And I  
13 really would almost say that every  
14 district is not that aggressive, but we  
15 feel like that our purpose is to serve  
16 all of the people in our boundary, and  
17 that is the southern part of Anderson  
18 County. And we're not there yet, but the  
19 feasibility of projects determine how far  
20 you can go with the money that you're  
21 able to get.

22 28 Q Now, on each project I take it there's a  
23 determination of, number one, how much  
24 money is available and whether it's loan  
25 money or grant money?

1 A Uh-huh (affirmative).

2 29 Q And then how far will that money take you  
3 in service of potential customers within  
4 your boundary; is that correct?

5 A Yes, that would be.

6 30 Q Okay. As a general rule, how does the  
7 district go about determining the scope  
8 and breadth of any particular project?

9 A Of course, I think the district would  
10 love to take all of our boundaries that's  
11 left that's unserved and get enough money  
12 to do the whole thing. That's our main  
13 objective, is to complete that as soon as  
14 possible. But realistic, you have to  
15 take sections, and normally we look at  
16 the end of the line where we ended the  
17 last project, and then we see how far we  
18 can go from that -- that road being  
19 feasible. And, again, the feasibility of  
20 it is hinged upon how much grant money  
21 you can get versus the loan money,  
22 because the loan money being paid back,  
23 we have to generate enough revenue out of  
24 that to pay back the loan, and that's --  
25 this district is always looking to make

1           sure that the project is feasible. In  
2           fact, that's the only way you can get  
3           loan money. If you can't pay it back,  
4           they're not going to loan it to you.

5   31   Q       Feasibility has to do with numbers of  
6           household per road; is that not right?

7           A       Yes, it is.

8   32   Q       And that's really what we're talking  
9           about. When you look at a project, are  
10          you not looking at -- and, obviously,  
11          you'd like to serve every individual and  
12          every road within your boundary, and  
13          that's the goal. But in terms of  
14          maximizing your loan and grant money, is  
15          it not true that you try to look at each  
16          road and try to determine numbers of  
17          households or numbers of users per mile  
18          or per road and the feasibility of where  
19          one stops?

20          A       Well, yes, and you have to do that. You  
21          have to look at it two different ways.  
22          The loan money is one part of it. The  
23          grant money has really two backings on  
24          it, I guess you would say, because the  
25          loan money is -- or grant money is tied

1 to low income homes, and if you don't  
2 have them in an area, you can't even  
3 include it to get the grant money.

4 33 Q So when you get this grant money, what  
5 you're telling the Commission is that  
6 even to qualify for grant money from,  
7 say, an entity like Community Development  
8 Block Grant, CDBG, for instance --

9 A Yes.

10 34 Q -- you have to have an area within your  
11 boundary, or have to include an area  
12 within your boundary that would have  
13 levels of income that would qualify for  
14 grant money?

15 A Yes.

16 35 Q Now, this last project, phase five, that  
17 we're currently involved with, and which  
18 we have the complaint from Mr. Barnett,  
19 is why we're here today, how has that  
20 project been financed? Just in laymen's  
21 terms. Mr. Taylor can testify later as  
22 to, you know, the specifics.

23 A Yeah. Restate the question.

24 36 Q How has this recent project been  
25 financed? What have we applied for? How

1 is the financing set up?

2 A Okay. When we looked at the project, we  
3 determined what funding is really going  
4 to be needed and we're talking about  
5 total dollars. And we also have to look  
6 at how much of that needs to be grant  
7 money and how much needs to be loan  
8 money, and then we have to determine will  
9 that pay back to cover the loan money.  
10 And in this last project I would say it's  
11 close to 50. It's a little more loan  
12 money than grant money.

13 37 Q But it's very close to 50/50?

14 A Yes.

15 38 Q It's about a million dollars a piece?

16 A Right.

17 39 Q Maybe just a couple percentage points  
18 loan money over grant money?

19 A Yes, that is correct.

20 40 Q And without the grant money, a majority  
21 of this project wouldn't even exist,  
22 would it?

23 A It would not, no.

24 41 Q So the grant money is very important,  
25 that \$960,000, or whatever it is?

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A Yes.

42 Q Close to a million.

A Uh-huh (affirmative).

43 Q That the district doesn't have to pay back at all?

A That's true.

44 Q Okay. In between the first and the fifth, this project that's coming up, how many other projects were there? Just briefly, so the Commission can understand where we've been in terms of aggressive development of the South Anderson territory.

A There would have been four other expansions in that span of time from '76 up through today, when we're starting into the fifth.

45 Q And safely saying, about every four or five years a project gets developed, and it takes a few years for it to be completed?

A Yes.

46 Q And then you're back at the same stage of attempting to reorganize and attempt to apply for new loan money and new grant

1 money?

2 A Yes.

3 47 Q Now, there's another water district in  
4 town that's Alton Water and Sewer. Have  
5 they been as aggressive in terms of  
6 attempting to get loan and grant money in  
7 your opinion?

8 A For their service area, they have been  
9 fairly aggressive. Probably that ties  
10 the hands, where you got more than one  
11 district in a county, because grant money  
12 can only be requested through the fiscal  
13 court or the city, whichever -- of  
14 course, we come under the fiscal court.  
15 And if there's another district in the  
16 county, then they get their request in.

17 48 Q So that can even complicate matters to  
18 the extent that if Alton is attempting to  
19 get grant money in a given year, it might  
20 knock South Anderson out because of a  
21 similar request?

22 A Yes.

23 49 Q And put you back a year or so?

24 A Right. And that just happened. They did  
25 a project a couple years ago, and we had



1 to sit out. And now this is our turn to  
2 do our expansion, and we're trying to do  
3 as much as we can with the money we got.  
4 50 Q You've aware of the complaint that's been  
5 filed in this case; are you not, sir?  
6 A Yes, I am.  
7 51 Q What is your understanding of that  
8 complaint?  
9 A Well, we --  
10 52 Q Just in laymen's terms.  
11 A Okay. We feel that, you know, a  
12 complaint -- we feel that a concern of  
13 people that's not receiving water is  
14 justified. Everybody has to wait in  
15 turn, if you live out in the county, of  
16 services getting to you, and sometimes  
17 this takes a while. And Mr. Barnett has  
18 requested service to property along a  
19 road that was reviewed, but when we're  
20 looking at over a mile of water line, and  
21 I believe that road only had two houses  
22 on it at the time --  
23 53 Q Are we talking about back -- in what time  
24 period, Mr. Kincer?  
25 A Well, probably two years ago.

1 54 Q So sometime in '98, maybe the middle or  
2 fall of '98?  
3 A Yes, when...  
4 55 Q These roads are actually ridden by  
5 individuals?  
6 A Yes.  
7 56 Q And houses are actually counted?  
8 A Very much so, yes.  
9 57 Q And that's because you're trying to  
10 figure out potential number of users per  
11 mile and the feasibility of how much  
12 water use the district would get so they  
13 would know what revenues they would  
14 receive, so they would know how much  
15 money they would be able to pay back on  
16 loans, simply?  
17 A That's true, and that's the only way we  
18 can get loan money is that they -- we  
19 tell them that there is adequate revenue  
20 coming in to pay back the loan.  
21 58 Q I'm going to give you an exhibit, which  
22 is -- go off the record for a second.  
23 (OFF THE RECORD)  
24 (REPORTER MARKS EXHIBIT NO. 1, PETITION  
25 FOR WILLOW CREEK ROAD, FOR PURPOSES OF

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IDENTIFICATION AND THE SAME IS ATTACHED  
HERE TO)

59 Q

Mr. Kincer, I have -- and I believe  
either Mr. Warford or Mr. Taylor supplied  
me with this, but I have a copy of the  
petition which deals with Willow Creek,  
and on the petition it lists Dwight  
Conway, 1121 Willow Creek; Rudy Jewell,  
1210 Willow Creek; Ronnie Jewell, 1212  
Willow Creek; Allen Chambers, 1282 Willow  
Creek; Danny Armstrong and Shelia Barnes,  
1316 Willow Creek; Mark Clark, 1181  
Willow Creek; Kathy Drury -- I think it's  
Kathy Bush now -- 1081 Willow Creek;  
Steve Drury, 1320 Willow Creek, and Mike  
Tipton, 1202 Willow Creek. I'd like for  
you to take a look at that and see if  
that's not -- if you don't recall, that  
may be a petition that was submitted to  
the district requesting water service on  
Willow Creek, which is now the Aaron  
Barnett Road, which is the subject of  
this controversy.

A

Yes. I think the beginning of a project,  
this is very typical of our expansion out

1 into the county, is that we do take roads  
2 and we do drive it; we do get people that  
3 are interested in water to give us a  
4 listing of names and where they are. And  
5 then if that road shows that it is  
6 feasible, then we would complete that  
7 road. There is in this project, as well  
8 as in past projects, many roads, eight or  
9 ten in this project alone, that we've  
10 been able to serve part of the road.  
11 And, again, if the water line is going  
12 down the road, when it becomes unfeasible  
13 to run another mile of water line because  
14 there's only two or three houses in that  
15 length of time -- or on that length of  
16 road, then we have to stop, and we do all  
17 roads that way.

18 60 Q Now, on this particular case, I believe,  
19 and I don't think I'm misstating, all of  
20 these individuals are on the first mile,  
21 seven or mile, eight?

22 A First part of that road, yes.

23 61 Q Now, Mr. Barnett's name is not on that  
24 petition, is it?

25 A No, it's not.

1 62 Q Mr. Barnett does not live on the first --  
2 his property is not located, nor does he  
3 live on the first 1.8 miles of this  
4 particular road?

5 A That's right. He would be located on the  
6 last portion of the road where there's  
7 really not adequate housing to cause our  
8 water line. And, again, this review was  
9 made in '88 -- or '98, I'm sorry, at the  
10 time we were taking the survey.

11 63 Q Right. And at the time the survey was  
12 taken for the grant application, there  
13 were, am I right, two, Mr. Barnett and  
14 one other?

15 A On the remaining part --

16 64 Q As far as users on that road?

17 A Yes.

18 65 Q In your experience in these projects, is  
19 that a sufficient number of users to  
20 extend the water line an additional 1.3  
21 miles to tie into 62?

22 A No. Not even with 50 percent grant  
23 money, you cannot make the balance of  
24 that road feasible.

25 66 Q Now, was this judgment about where to

1 stop the road made on anything other than  
2 pure economic feasibility grounds?

3 A No, it was not.

4 67 Q Was there any thought that we're just not  
5 going to take it down there because  
6 Mr. Barnett is developing his property?  
7 First of all, are you aware that he may  
8 be developing his property?

9 A Well, I would say there's probably a lot  
10 of interest in getting water to property  
11 because it does increase the value of it.

12 68 Q And this, in fact, gets the water very  
13 close to Mr. Barnett's property, right?

14 A Yes. Yes, it does.

15 69 Q Do you have experience in dealing with  
16 developers through the water district at  
17 all?

18 A Restate that.

19 70 Q Do you have any experience in dealing  
20 with developers as they relate to the  
21 water district?

22 A Yes. Yes.

23 71 Q Okay. Now, generally speaking, when  
24 water is close to a piece of property  
25 that is going to be developed, who pays

1 for the cost of running water lines?

2 A Well, developers are normally responsible  
3 to take our water line under our  
4 supervision and put it in, and then at  
5 their expense. Now, there is some  
6 payback, but that's under a guideline  
7 from the PSC of how we're to reimburse  
8 that as houses are developed.

9 72 Q But, generally speaking, if you get water  
10 to a piece of property that is being  
11 developed, developers take the line  
12 through their property and extend the  
13 water line?

14 A Yes, that's very true.

15 73 Q How do they get their money back?

16 A Well, of course, they get their money  
17 back from selling of the property,  
18 because they're able to sell it for more  
19 with --

20 74 Q Theoretically, the property is worth more  
21 with the water than it was without?

22 A Yes, very true.

23 75 Q You mentioned earlier -- we'll digress  
24 back -- that there were other roads other  
25 than Willow Creek/Aaron Barnett Road,

1 that were only put in the project in  
2 portions due to number of households per  
3 mile. For the record, could you share  
4 with the Commission what those other  
5 roads might be?

6 A Well, I'd say there were probably eight  
7 or ten that we were not able to go  
8 completely through that road to join our  
9 water line at the other end. Some of  
10 those roads are Tanner Road, Ashby Road,  
11 Burgin Road, Glensboro, Searcy School  
12 Road, Dugansville Road, Hungry Road, Lick  
13 Skillet Road, Cox Road, Gilbert's Creek  
14 Road. All of those would have not been  
15 completed in this project. And this is  
16 probably very typical of any phase that  
17 we've gone through, that roads have to be  
18 dropped off when the houses start getting  
19 down into the four, five per mile, unless  
20 you've got an awful high percentage of  
21 grant money available.

22 76 Q So what you're telling the Commission is  
23 Mr. Barnett is not in a position solely  
24 by himself. There are many others within  
25 the boundary of the district that are in



1 a similar state. How do you think these  
2 others would feel if the Commission or  
3 some court were to say, well, Mr.  
4 Barnett, since you've raised a stink here  
5 and you filed a complaint, you ought to  
6 be entitled to get service, and we're  
7 going to order the district to spend 40  
8 or \$50,000 and extend it down that mile  
9 of road? Given your experience in  
10 dealing with utility customers and the  
11 fairness that the Public Service  
12 Commission has attempted to demonstrate  
13 and put on various utilities, do you have  
14 an opinion on that?

15 A Well, I really believe the district has  
16 been fair with everybody that's close to  
17 our project and not receiving water. Mr.  
18 Barnett happens to be one. And I'm sure  
19 there is individuals on all of these two,  
20 four, probably eight roads besides  
21 Mr. Barnett's road that would love to get  
22 water, too. So if he is picked out and  
23 is receiving water, then we're going to  
24 have eight more cases to deal with under  
25 a like situation. And, I guess, my best

1 comment would be, and we say this to all  
2 the people that don't receive water in a  
3 project, that the water is closer to you  
4 for the next project. And that's our  
5 purpose in trying to look at phase six,  
6 as soon as this one's completed.  
7 Whenever that grant money could become  
8 available, then those people are going to  
9 have an opportunity to get water at that  
10 time.

11 77 Q In your opinion, it wouldn't be fair to  
12 let Mr. Barnett have what he wants in  
13 this case at the expense of all these  
14 other individuals that are in a similar  
15 circumstance, would it?

16 A No, I would not.

17 78 Q And you wouldn't encourage Public Service  
18 Commission to set that precedent, would  
19 you?

20 A I would hope that they would --

21 79 Q You would think they had better sense  
22 than that, wouldn't you?

23 A I would hope, yes.

24 (OFF THE RECORD)

25 80 Q Just a few more questions, Mr. Kincer,

1 and thank you. One of the complaints  
2 that Mr. Barnett has communicated to the  
3 Commission and to the district is, but,  
4 whoa, I've been selling lots out here,  
5 and there are now -- we've gone from two  
6 to possibly seven potential users. And I  
7 think in his own complaint he says that  
8 as late as early June of '99 he learned  
9 for the first time that the proposed  
10 water expansion project of the district  
11 did not include his residence or his  
12 land. So if one can believe Mr. Barnett,  
13 he went from August or July of '98, all  
14 the way to June of '99, and never knew he  
15 was not included. But assuming we can  
16 believe him, and assuming that he has  
17 sold some property out there, and  
18 assuming there are seven users, or five  
19 new users, why don't we just stop the  
20 project, like he wants us to, reapply,  
21 get the application and get the fiscal  
22 court to reapply for the CDBG money, and  
23 tell FHA to just hold on for a while? Or  
24 Rural Development now, instead of FHA.  
25 What's your thoughts on that?

1           A       Well, in working a project, requesting  
2                    funding, and especially when we're  
3                    talking about 2.2 million dollars, I  
4                    believe is the project right now, with  
5                    almost one million dollars of that being  
6                    grant money, that takes a whole lot of  
7                    time to review and to request and get  
8                    that approved.  When we started the  
9                    project in '98 and the roads that were  
10                   feasible were put into the project, this  
11                   was all done through meetings and  
12                   hearings and all of that over the course  
13                   of six months to a year.  Now we're in  
14                   the final stages of this project.  A lot  
15                   of the approval has already been made.  
16                   The grant money has been tied down and  
17                   ready to go.  The loan money is being  
18                   approved, and we're --

19   81    Q       In fact, you've received your letter of  
20                   conditions from Rural Development, which  
21                   pretty much says you're on the track --

22            A       Yes.

23   82    Q       -- to get the loan money, all you have to  
24                   do are meet the conditions in a normal  
25                   letter of conditions; is that not

1 correct?

2 A Yes, that's very true.

3 83 Q Okay. I didn't mean to interrupt you.

4 A And then we take -- we take 340 homes  
5 that we're going to reach by this  
6 project, and those people have been  
7 working with us for two years, and now  
8 we're being asked to delay in order to  
9 include one individual property, and  
10 there is just no way you can go back and  
11 undo something. You take a chance of  
12 losing this grant money that's been laid  
13 aside for us, and the whole project would  
14 fall through if the grant money is pulled  
15 away from us. And we just believe that  
16 those 340 people, they have been waiting  
17 in prior projects to receive water, and  
18 now they're included in this project, and  
19 I just think there is no way to delay and  
20 go back and redo without a good chance of  
21 losing what we've put together for the  
22 last two years.

23 (OFF THE RECORD)

24 84 Q We're going to conclude here soon,  
25 Mr. Kincer. We sure appreciate your

1 giving this testimony. There's been some  
2 mention of the fact that in this project,  
3 given the design of it and the numbers of  
4 it, that there will be individuals like  
5 Mr. Barnett, the complainant, and  
6 possibly others on his stretch of the  
7 road who will not be included in the  
8 project, yet there may be some Washington  
9 County and/or Mercer County residents  
10 who, by virtue of being in close  
11 proximity to the line running through  
12 Anderson County, might be able to be  
13 serviced from that line. Can you give  
14 the Commission any history on how the  
15 district and how other districts have  
16 dealt with this in the past and why it's  
17 not inappropriate?

18 A Yes. South Anderson is serving Anderson  
19 County customers. The few exceptions  
20 that come about is for feasibility of  
21 people maybe on the edge of another  
22 county getting water. Mercer County you  
23 mentioned, that we have swapped out some  
24 roads with Mercer County, where they come  
25 down the road on the Mercer side and

1           serve houses -- houses in Anderson County  
2           on the opposite side, we've allowed them  
3           to pick up. And there is some Mercer  
4           County customers that we probably do the  
5           same thing with in roads that we come  
6           down on the Anderson County side, but do  
7           cross the road to feed that. That's all  
8           in approval with the adjoining county.  
9           Washington County is probably -- again,  
10          that we're coming down the road on the  
11          Anderson County side and Washington  
12          County across the road probably water  
13          being available to us is the only way  
14          those houses are going to get water. So  
15          with Washington County's approval, we  
16          would allow those Washington County  
17          customers to sign up on ours, and that's  
18          just an agreement between the counties.  
19          And we're not running our major water  
20          line in two counties taking over some  
21          boundaries. It's only done upon  
22          agreement.

23       85    Q           So the district's line is basically  
24                          within the district itself?

25                A           Yes.

1 86 Q And there may be tangential customers in  
2 another county who are fortuitously able  
3 to tap onto the line due to their  
4 location, and it also helps the  
5 district's road count, because it gives  
6 -- more number of users makes the project  
7 more feasible; is that not correct?

8 A Yes. Yes.

9 87 Q And, finally, I want you to look at a  
10 document that I'm going to hand you and  
11 collectively call it the application.  
12 The top document, we can call that, I  
13 guess, Collectively Exhibit 2.

14 (REPORTER MARKS EXHIBIT NO. 2,  
15 APPLICATION FOR FUNDING WITH ATTACHMENTS,  
16 FOR PURPOSES OF IDENTIFICATION AND THE  
17 SAME IS ATTACHED HERETO)

18 88 Q Well, on the top there, Mr. Kincer, is a  
19 letter from you to Louis F. Elliott dated  
20 October 2, 1998. Mr. Elliott is the  
21 Regional District Manager for the United  
22 States Department of Agriculture, Rural  
23 Development. His office is in  
24 Shelbyville, Kentucky. Did you not sign  
25 this letter and send Mr. Elliott what



1 Exhibit 2 purports to be, an application  
2 and attachments for funding?

3 A Yes. In October of 1998 this was done,  
4 yes.

5 89 Q Okay. And is that your signature on the  
6 application for federal assistance under  
7 date of October 9, 1998?

8 A Yes, it is. And this was requesting  
9 approximately 1.2 million dollars in loan  
10 money to be followed by one million  
11 dollars in grant money.

12 90 Q Okay. That application was filed,  
13 obviously, in October of '98. We  
14 recently just had our meeting with  
15 Mr. Loper. Was it last month?

16 A Yes.

17 91 Q That would have been December -- some  
18 time in December of '99, I believe?

19 A Yes.

20 92 Q And at that meeting, some 14 months  
21 later, we were finally getting our  
22 letters of conditions --

23 A Yes.

24 93 Q -- based upon that application?

25 A Uh-huh (affirmative).

1 94 Q Okay. Now, that application went in, did  
2 it not, after Exhibit 1, which indicates  
3 the petition for service on Willow Creek  
4 was delivered to the district?  
5 A Yes, it would have.  
6 95 Q Mr. Barnett's signature is not on this  
7 petition, is it?  
8 A No, it's not.  
9 96 Q In fact, in his answer, which he filed  
10 with the Commission, he indicated he  
11 never did learn that he wasn't involved  
12 in the project until June of '99, so he  
13 says. How many months later -- well,  
14 June of '99 would be, what, about  
15 eight --  
16 A Would be almost ten months.  
17 97 Q Eight or ten months later than the  
18 application being filed?  
19 A Yes.  
20 98 Q Okay. One last thing. Mr. Barnett  
21 indicates in his complaint that also it  
22 would be approximately ten more years  
23 before the district would pursue any  
24 additional expansion plans. Is that  
25 consistent with what you've testified

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today, and consistent with the actions of the district over the past 25 years?

A Well, we would like to believe that in a five-year rotation that we're either in another project or we've got one pretty well completed, like this one is, and ready to go. That's not saying that it will happen. Might happen sooner, might happen later. But our interest from the water district is to complete the non-receivers of city water in our district as soon as possible and as soon as funds are made available. And, you know, we're not trying to discriminate against any individual, not on that road that Mr. Barnett lives on, or these other eight that I mentioned that we had to stop. But there is a feasibility that you got to go by. Even the Commission understands that you can't take water lines out where it's not close to being feasible and expect your other customers to pay for it.

99 Q That wouldn't be prudent, would it, Chairman Kincer?

1           A       No, it wouldn't. There's just no way you  
2                    can do that. In fact, I don't know that  
3                    South Anderson has ever had a general  
4                    rate increase. We have always had to  
5                    increase the water rates for all  
6                    customers somewhat after a project, and  
7                    these are normally approved because it  
8                    will -- the larger you get, the easier it  
9                    is to absorb some increases in the  
10                   future. So we don't fuss about having to  
11                   increase them a little bit at the end of  
12                   a project, because we pick up 3 or 400  
13                   new customers that's going to help us be  
14                   more feasible in the future.

15       100 Q       And over time, hasn't it become easier  
16                    with the Commission to get those sort of  
17                    what are called pass-through rate  
18                    increases?

19           A       Yes.

20       101 Q       Used to be when we first started, in  
21                    phase one and phase two, you had to go  
22                    through a formal rate application  
23                    increase and had a hearing on it, right?

24           A       Uh-huh (affirmative). Right.

25       102 Q       Now, as a part of the construction

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process, and the approval, the Commission generally, unless there's something out of line, acknowledges that these rates need to be passed through?

A I think as long as they look at it and see that the project is making the district stronger for the future, that they'll normally go ahead and allow an increase to be tacked on.

MR. EDELMAN: Okay. Thank you, Mr. Kincer. If we need anything more, we'll contact you, but we appreciate the testimony.

WITNESS: Okay.

MR. EDELMAN: Thank you.

\* \* \* \* \*

THEREUPON, the taking of the deposition of BOB KINCER was concluded.


\* \* \* \* \*

STATE OF KENTUCKY        )  
COUNTY OF FAYETTE        )

I, JOLINDA S. TODD, Registered Professional Reporter and Notary Public in and for the State of Kentucky at Large, certify that the facts stated in the caption hereto are true; that at the time and place stated in said caption the witness personally appeared before me, and that, after being by me duly sworn, was examined by counsel; that said testimony was taken in stenotype by me and later reduced to computer-aided transcription and the foregoing is a true record of the testimony given by said witness.

My commission expires: August 6, 2003.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal of office on this the 8<sup>th</sup> day of February 2000.

  
\_\_\_\_\_  
JOLINDA S. TODD, RPR  
NOTARY PUBLIC, STATE AT LARGE

# Petition - Willow Creek 1-9-98 Rewritten

- different property*      *Service on 62 presently*
- \* ① Dwight Conway 1121 Willow Creek
  - ② Rudy Jewell 1210 Willow Creek
  - ③ Ronnie Jewell 1212 Willow Creek
  - ④ Allen Chambers 1252 Willow Creek
  - ⑤ Danny Armstrong & Shelia Barnes 1316 Willow Creek Rd
  - ⑥ Mark Clark 1181 Willow Creek → *now Nagy*
  - ⑦ Kathy Drury <sup>(Bush)</sup> 1081 Willow Creek
  - ⑧ Steve Drury 1320 Willow Creek
  - ⑨ Mike Tipton 1202 Willow Creek Rd

Post-it® Fax Note	7671	Date	1.25.00	# of pages	2
To	KENTAYLOR		From	SAWD	
Co./Dept.			Co.		
Phone #			Phone #		
Fax #	There is no date on Petition				

Shaun made this coversheet 1.9.98

**EXHIBIT**

No. 1  
Kincer

## WILLOW CREEK

0 Dwight & Barbara Conway  
1121 Willow Ck Rd  
Lawrenceburg, Ky 40342

1 Rudy & Della Jewell  
1210 Willow Creek Rd.  
Lawrenceburg, Ky. 40342

1 Ronnie Jewell  
1212 Willow Creek Rd.  
Lawrenceburg Ky 40342

0 Allan & Patsy Chal  
1282 Willow Creek Rd  
Lawrenceburg Ky 40342

1 Sheila Barnes & Jimmy Armstrong  
1316 Willow Creek Rd.  
Lawrenceburg, Ky. 40342

1 Mark R. Clark  
1181 Willow Creek Rd  
Lawrenceburg, KY 40342

1 Cathy Denny  
1081 Willow Creek Rd  
Lawrenceburg, Ky 40342



1 Steve + Lisa Drury  
1320 Willow Creek Road  
Lawrenceburg, Ky 40342

1 Mike + Debra Dipton  
1202 Willow Creek Rd.  
Lawrenceburg 40342

Alton Wansford

**SOUTH ANDERSON WATER DISTRICT**  
**P.O. Box 16**  
**LAWRENCEBURG, KENTUCKY 40342**  
**(502) 839-6919**

October 2, 1998

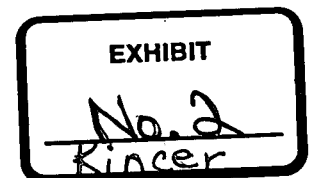
Mr. Louis F. Elliott, RDM  
USDA - Rural Development  
P.O. Box 1227  
Shelbyville, Kentucky 40066 - 1227

RE: Phase 5 Expansion Project  
Funding Application

Dear Mr. Elliott:

Attached you will find an Application for Federal Assistance, Standard Form 424.2 for the above referenced project. The first 18 items from Form RD 1780-10 are also included or addressed as given below:

1. Notice of Intent to File Application - The attached Notice will run in "The Anderson News" October 7, 1998. A copy of the published notice (full page) will be submitted to you when it runs.
2. Application for Federal Assistance - Standard Form 424.2 - Original plus one copy
  - a) Authorizing Resolution - two copies
  - b) USGS Topo Maps - six copies
  - c) General Highway Map - six copies
3. Sewer Project - 201 Facilities Plan - Not Applicable
4. State Clearinghouse Letter - Attached
5. RUS Bulletin 1780-22 - Attached
6. Bond Ordinances - All outstanding bonds are held by FmHA/RUS.
7. Audit Reports - Existing Borrower, reports on file with RD.



Page Two

8. Balance Sheet - Existing Borrower, reports on file with RD.
9. Rate Schedule - Attached
10. Internal Revenue Service Taxpayer Identification Number - 61-1000693
11. Priority Selection Criteria - Pages 12 and 13 from the CDBG application are attached. These pages reflect the results of analyses of 21 domestic water services in the project area. Per the 1990 census, the area is not eligible for the poverty interest rate as the Median Household Income (MHI) exceeds \$17,785. However, as evidenced by being eligible to submit a CDBG application, the area is not a "wealthy" area.
12. Court Order and Legal Opinion - Attached
13. RFQ Engineering Services - Attached
14. Negotiation Minutes - Attached
15. FmHA Form 1942-19 - four copies attached
16. Preliminary Engineering Report - four copies attached
17. Form RD 1940-20 - Attached
18. AD-1047 - Attached

Should you have questions or need additional information, please contact our manager, Alton Warford or engineer, Ken Taylor (502-695-4357). Your consideration and processing of this application is greatly appreciated and we look forward to working with your agency on this project.

Sincerely,



Bob Kincer  
Chairman

## **NOTICE OF INTENT TO FILE AN APPLICATION**

This is public notice, by the South Anderson Water District, of its intent to file an application with the U. S. D. A. - Rural Utilities Service for Water and Waste Loan and Grant funds to construct approximately 47.5 miles of water line extensions in various areas of rural Anderson County. A public meeting will be held in the near future to discuss the proposed project.

**ADVERTISE  
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ANDERSON  
NEWS!  
IT PAYS!**

**NOTICE OF INTENT  
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1-888-285-2281**

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SHELBYVILLE, KY.



JW & Norma Roberts • 878-4986    Julian or Jeanne Bohannon • 633-0042    Kenny Stewart • 461-7604

*New Listings • New Listings*



**HENRY STREET**

Beautiful 4 bedroom brick home. Full walkout basement with family room. Beautiful deck on back. Garage. Call Julian 633-1111



**693 SKIDMORE LANE - CAMPBELLSBURG**

Pretty 3 bedroom, 1 bath home w/new carpet & vinyl on floors. Home has all the new colors in decorating. New roof, all appliances stay. Priced to sell & must see to appreciate. Call JW or Norma Roberts 633-1111 or 878-4986

**2991 JACKSON ROAD - EMINENCE**

Nice 3 bedroom, 1 bath home, fenced-in backyard & 1 car garage. Excellent for first time home buyer. Call Kenny Stewart (502) 461-7604.

**12 MARCUS STREET - PLEASUREVILLE**

Spacious 3 bedroom, 1 bath home. New 14x30 master bedroom & living room have been added to the home in last 5 years. Master BR large area ready for master bath. All other rooms are large. House is well maintained. Some finishing touches need to be done inside. Bldg. outside and partial fence. Call JW and Norma Roberts (502) 878-4986 or (502) 633-1111



**89 OLDHAM ST.**

**EMINENCE**  
3 bedroom - & 1.5 baths, newly painted, new roof, new water heater, 2 car garage.  
\$32,500. Call Julian 633-1111



**1898 MULBERRY PIKE**

Lovely and spacious 3 BR, 2 BA ranch style home on 5 plus acres. Large family room with separate office. House is in move-in condition with 2 decks and front porch. Beautifully landscaped with stream running through front of property. Country setting with city conveniences. Call JW or Norma Roberts at (502) 878-4986 and (502) 633-1111



**90 TINGLE AVENUE**

Beautiful 3 BR, 2 BA home w/ful bsmt finished. On over 2 ACs that is beautifully landscaped. New Gikey doors & Alhorne windows.  
Call JW or Norma Roberts 878-4986  
\$112,500



**317 MARCUS ST. - PLEASUREVILLE**

Home is on 1 acre with 6 rooms, 3 BR & 1 BA. Has a new garage & a 14x18 metal storage building with electricity. Nice large rooms with new updates inside and outside of home.

**14 ACRES NEAR EMINENCE**, tobacco barn, approx. 3,500 tobacco base, good bldg. site with all utilities available. Call Julian 633-1111 or 633-0042.

Brand New Eden Ridge Subdivision for New Homes. Modulars and Double Wides **WHY RENT WHEN YOU CAN BUY!!**  
Phase 1 with 16 lots containing approximately 1.8 to 4.45 acres. One lot has a 7 bent tobacco barn. Subdivision is located 10 to 15 minutes from I-63 and

U.S. DEPARTMENT OF AGRICULTURE  
APPLICATION FOR FEDERAL ASSISTANCE  
(For construction)

# APPLICATION FOR FEDERAL ASSISTANCE

<b>1. TYPE OF SUBMISSION:</b> Application <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Non-Construction Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	<b>2. DATE SUBMITTED</b> September, 1998	Applicant Identifier
	<b>3. DATE RECEIVED BY STATE</b>	State Application Identifier
	<b>4. DATE RECEIVED BY FEDERAL AGENCY</b>	Federal Identifier

**5. APPLICANT INFORMATION**

Legal Name: South Anderson Water District	Organizational Unit: Special District
Address (give city, county, state, and zip code): P.O. Box 16 246 Court Street Lawrenceburg, Kentucky 40342	Name and telephone number of the person to be contacted on matters involving this application (give area code): Alton Warford, Manager (502) 839-6919


<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 61 - 10000693	<b>7. TYPE OF APPLICANT: (enter appropriate letter in box)</b> <input checked="" type="checkbox"/> G A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District H. Independent School Dist. I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization N. Other (Specify): _____
<b>8. TYPE OF APPLICATION:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es): <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other (specify): _____	<b>9. NAME OF FEDERAL AGENCY:</b> USDA - Rural Development

<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> 10 - 418 TITLE: Water and Waste Disposal Systems for Rural Communities	<b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b> South Anderson Water District Phase 5 Expansion: The project entails the construction of approximately 47.5 mi. of distribution line, a transmission line from the Frankfort Plant Board system and all necessary appurtenances to serve 342 cutomers in rural Anderson Co.
<b>12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.):</b> Portions of Anderson Co., Kentucky	

<b>13. PROPOSED PROJECT:</b> Start Date: June 1, 99 Ending Date: July 1, 00	<b>14. CONGRESSIONAL DISTRICTS OF:</b> a. Applicant: Sixth b. Project: Sixth
---	--

<b>15. ESTIMATED FUNDING:</b> <table border="1"> <tr><td>a. Federal</td><td>\$</td><td>1,088,330</td><td>.00</td></tr> <tr><td>b. Applicant</td><td>\$</td><td>61,500</td><td>.00</td></tr> <tr><td>c. State</td><td>\$</td><td>1,000,000</td><td>.00</td></tr> <tr><td>d. Local</td><td>\$</td><td>56,000</td><td>.00</td></tr> <tr><td>e. Other</td><td>\$</td><td></td><td>.00</td></tr> <tr><td>f. Program Income</td><td>\$</td><td></td><td>.00</td></tr> <tr><td>g TOTAL</td><td>\$</td><td>2,205,830</td><td>.00</td></tr> </table>	a. Federal	\$	1,088,330	.00	b. Applicant	\$	61,500	.00	c. State	\$	1,000,000	.00	d. Local	\$	56,000	.00	e. Other	\$		.00	f. Program Income	\$		.00	g TOTAL	\$	2,205,830	.00	<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b> a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE August 28, 1998 b. NO. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW
a. Federal	\$	1,088,330	.00																										
b. Applicant	\$	61,500	.00																										
c. State	\$	1,000,000	.00																										
d. Local	\$	56,000	.00																										
e. Other	\$		.00																										
f. Program Income	\$		.00																										
g TOTAL	\$	2,205,830	.00																										
<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b> <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No																													

**18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED**

a. Typed Name of Authorized Representative Bob Kincer	b. Title Chairman	c. Telephone number (502) 839-6919
d. Signature of Authorized Representative 		e. Date Signed 10-9-98

Previous Editions Not Usable

## INSTRUCTIONS FOR THE SF-424C

This sheet is to be used for the following types of applications: (1) "New" (means a new [previously unfunded] assistance award); (2) "Continuation" (means funding in a succeeding budget period which stemmed from a prior agreement to fund); and (3) "Revised" (means any changes in the Federal government's financial obligations or contingent liability from an existing obligation). If there is no change in the award amount there is no need to complete this form. Certain Federal agencies may require only an explanatory letter to effect minor (no cost) changes. If you have questions please contact the Federal agency.

*Column a.* — If this is an application for a "New" project, enter the total estimated cost of each of the items listed on lines 1 through 16 (as applicable) under "COST CLASSIFICATIONS."

If this application entails a change to an existing award, enter the eligible amounts *approved under the previous award* for the items under "COST CLASSIFICATION."

*Column b.* — If this is an application for a "New" project, enter that portion of the cost of each item in Column a. which is *not* allowable for Federal assistance. Contact the Federal agency for assistance in determining the allowability of specific costs.

If this application entails a change to an existing award, enter the adjustment [+ or (-)] to the previously approved costs (from column a.) reflected in this application.

*Column c.* — This is the net of lines 1 through 16 in columns "a." and "b."

---

*Line 1* — Enter estimated amounts needed to cover administrative expenses. Do not include costs which are related to the normal functions of government. Allowable legal costs are generally only those associated with the purchase of land which is allowable for Federal participation and certain services in support of construction of the project.

*Line 2* — Enter estimated site and right(s)-of-way acquisition costs (this includes purchase, lease, and/or easements).

*Line 3* — Enter estimated costs related to relocation advisory assistance, replacement housing, relocation payments to displaced persons and businesses, etc.

*Line 4* — Enter estimated basic engineering fees related to construction (this includes start-up services and preparation of project performance work plan).

*Line 5* — Enter estimated engineering costs, such as surveys, tests, soil borings, etc.

*Line 6* — Enter estimated engineering inspection costs.

*Line 7* — Enter estimated costs of site preparation and restoration which are not included in the basic construction contract.

*Line 9* — Enter estimated cost of the construction contract.

*Line 10* — Enter estimated cost of office, shop, laboratory, safety equipment, etc. to be used at the facility, if such costs are not included in the construction contract.

*Line 11* — Enter estimated miscellaneous costs.

*Line 12* — Total of items 1 through 11.

*Line 13* — Enter estimated contingency costs. (Consult the Federal agency for the percentage of the estimated construction cost to use.)

*Line 14* — Enter the total of lines 12 and 13.

*Line 15* — Enter estimated program income to be earned during the grant period, e.g., salvaged materials, etc.

*Line 16* — Subtract line 15 from line 14.

*Item 17* — This block is for the computation of the Federal share. Multiply the total allowable project costs from line 16, column "c." by the Federal percentage share (this may be up to 100 percent; consult Federal agency for Federal percentage share) and enter the product on line 17.



### BUDGET INFORMATION — Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case you will be notified.

COST CLASSIFICATION	a. Total Cost		b. Costs Not Allowable for Participation		c. Total Allowable Costs (Column a-b)				
1. Administrative and legal expenses	\$	75,000	.00	\$	40,000	.00	\$	35,000	.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	10,000	.00	\$		.00	\$	10,000	.00
3. Relocation expenses and payments	\$		.00	\$		.00	\$		.00
4. Architectural and engineering fees	\$	145,250	.00	\$		.00	\$	145,250	.00
5. Other architectural and engineering fees	\$	15,000	.00	\$		.00	\$	15,000	.00
6. Project inspection fees	\$	84,675	.00	\$		.00	\$	84,675	.00
7. Site work	\$		.00	\$		.00	\$		.00
8. Demolition and removal	\$		.00	\$		.00	\$		.00
9. Construction	\$	1,678,089	.00	\$		.00	\$	1,678,089	.00
10. Equipment	\$		.00	\$		.00	\$		.00
11. Miscellaneous (Interest)	\$	30,000	.00	\$		.00	\$	30,000	.00
12. SUBTOTAL (sum of lines 1-11)	\$	2,038,014	.00	\$	40,000	.00	\$	1,998,014	.00
13. Contingencies	\$	167,816	.00	\$		.00	\$	167,816	.00
14. SUBTOTAL	\$	2,205,830	.00	\$		.00	\$	2,165,830	.00
15. Project (program) income	\$		.00	\$		.00	\$		.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$	2,205,830	.00	\$	40,000	.00	\$	2,165,830	.00
FEDERAL FUNDING									
17. Federal assistance requested, calculate as follows: Enter eligible costs from line 16c Multiply X <u>50.25</u> % (Consult Federal agency for Federal percentage share). Enter the resulting Federal share.							\$	1,088,330	.00

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## INSTRUCTIONS FOR THE SF 424

This is a standard form used by applicants as a required facesheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

- | Item: | Entry:   | Item: | Entry:   |
|-------|--|-------|--|
| 1.    | Self-explanatory.  | 12.   | List only the largest political entities affected (e.g., State, counties, cities).   |
| 2.    | Date application submitted to Federal agency (or State if applicable) & applicant's control number (if applicable).  | 13.   | Self-explanatory.  |
| 3.    | State use only (if applicable).  | 14.   | List the applicant's Congressional District and any District(s) affected by the program or project.  |
| 4.    | If this application is to continue or revise an existing award, enter present Federal identifier number. If for a new project, leave blank.  | 15.   | Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate <u>only</u> the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15. |
| 5.    | Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application.   | 16.   | Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process.  |
| 6.    | Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service.  | 17.   | This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.  |
| 7.    | Enter the appropriate letter in the space provided.  | 18.   | To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.)  |
| 8.    | Check appropriate box and enter appropriate letter(s) in the space(s) provided:<br>— "New" means a new assistance award.<br>— "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.<br>— "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. |       |  |
| 9.    | Name of Federal agency from which assistance is being requested with this application.   |       |  |
| 10.   | Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested.  |       |  |
| 11.   | Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project.  |       |  |

**ASSURANCES — CONSTRUCTION PROGRAMS**

**Note:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686) which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794) which prohibit discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101-6107) which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 93-255), as amended, relating to non-discrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other non-discrimination provisions in the specific statute(s) under which application for Federal assistance is being made, and (j) the requirements on any other non-discrimination Statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provides for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§ 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§ 276a to 276a-7), the Copeland Act (40 U.S.C. § 276c and 18 U.S.C. § 874), the Contract Work Hours and Safety Standards Act (40 U.S. §§ 327-333) regarding labor standards for federally assisted construction subagreements.
14. Will comply with the flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (c) notification of violating facilities pursuant to EO 11738; (d) protection of wetlands pursuant to EO 11990; (e) evaluation of flood hazards in floodplains in accordance with EO 11988; (f) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (g) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (h) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (i) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and preservation of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
19. Will comply with all applicable requirements of all other Federal laws, Executive Orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL <i>Bob Kruicer</i>	TITLE Chairman
APPLICANT ORGANIZATION South Anderson Water District	DATE SUBMITTED <i>10-9-98</i>

**SOUTH ANDERSON WATER DISTRICT  
PHASE 5 EXPANSION**

**PROJECT NARRATIVE**

The project will address a serious problem faced by many of the residents of rural Anderson County, that being the lack of a safe, dependable, and affordable domestic water supply. Most of the residents of this area who do not live along roads currently served by the water district, obtain their domestic water from either wells or cisterns. The health and safety of many of these residents are threatened by contaminated water. The hauling of water necessary to augment the cisterns and lower yielding wells is also a financial burden for many of the families.

The proposed project consists of approximately 239,325 feet of 4" and 10,800 feet of 3" distribution line, 24,500 ft. of 8" transmission line, and one 300 gpm booster pump station. Also included are 342 individual services plus the normal water distribution accessories such as gate valves, air release valves and blow-off assemblies. All customers will be supplied water between 30 psig and 90 psig at their meter connection. There are no known or anticipated unusual construction conditions.

This proposal is requesting \$1,088,330 in loan money from the U.S.D.A. - Rural Development and a \$1,000,000 grant from the Community Development Block Grant program. These funds will be combined with a \$117,500 local contribution to accomplish the proposed project. Upon approval of funding, engineering design will be completed, approvals obtained and construction will begin in a timely fashion.

SOUTH ANDERSON WATER DISTRICT  
 PHASE 5 EXPANSION PROJECT  
 PRELIMINARY ESTIMATE OF PROBABLE COSTS  
 COMBINED CDBG AND RURAL DEVELOPMENT FINANCED PROJECT

AUGUST, 1998

WATER LINE EXTENSIONS AND FRANKFORT CONNECTION

ITEM NO.	ITEM	UNIT	UNIT COST	UNIT QUANTITY	TOTAL COST
1	4-inch PVC Pipe	LF	\$4.25	239,325	\$1,017,131.25
2	4-inch Bored & Cased	LF	55.00	1,150	63,250.00
3	4-inch Creek Crossing	LF	55.00	1,280	70,400.00
4	6" x 4" Wet Tap	EA	1,000.00	13	13,000.00
5	4" x 4" Wet Tap	EA	800.00	8	6,400.00
6	4-inch Gate Valve	EA	400.00	60	24,000.00
7	4-inch Blowoff Assembly	EA	450.00	30	13,500.00
8	Air Release Valve	EA	500.00	32	16,000.00
9	5/8" x 3/4" Meter Settings	EA	250.00	342	85,500.00
10	Individual PRVs	EA	90.00	59	5,310.00
11	3/4" Service Tubing	LF	2.75	16,950	46,612.50
12	Pavement Replacement	LF	10.00	1,810	18,100.00
13	Leak Detection Meters	EA	330.00	22	7,260.00
14	3-inch PVC Pipe	LF	3.50	10,800	37,800.00
15	3-inch Gate Valve	EA	350.00	4	1,400.00
16	3-inch Blowoff Assembly	EA	375.00	5	1,875.00
17	8-inch PVC Pipe	LF	7.50	24,500	183,750.00
18	8-inch Bored & Cased	LF	70.00	140	9,800.00
19	8-inch Creek Crossing	LF	60.00	40	2,400.00
20	6" x 6" Wet Tap	EA	1,200.00	1	1,200.00
21	Master Meter	EA	8,000.00	1	8,000.00
22	8-inch Gate Valve	EA	500.00	8	4,000.00
23	2-inch Blowoff Assembly	EA	350.00	4	1,400.00
24	Booster Pump Station	EA	40,000.00	1	40,000.00
					<b>\$1,678,088.75</b>

ESTIMATED PROJECT COST SUMMARY

TOTAL CONSTRUCTION	\$1,678,088.75
CONTINGENCY @ 10.00%	167,816.25
ENGINEERING	145,250.00
INSPECTION	84,675.00
OTHER ENGINEERING	15,000.00
PLANNING / ADMINISTRATION	40,000.00
LEGAL	35,000.00
ACQUISITION	10,000.00
INTEREST	30,000.00
	<b>\$2,205,830.00</b>

**MEETING - BOARD OF COMMISSIONERS  
SOUTH ANDERSON WATER DISTRICT  
OCTOBER 1, 1998**

**PRESENT: GEORGE KINNE  
          JANET BRYANT  
ABSENT: BOB KINCER**

**MOTION BY: GEORGE KINNE  
SECOND BY: JANET BRYANT**

**TO AUTHORIZE AND INSTRUCT THE CHAIRMAN, BOB KINCER, TO SIGN AND  
SUBMIT AN APPLICATION FOR THE PHASE 5 EXPANSION PROJECT TO USDA -  
RURAL DEVELOPMENT FOR FUNDING. THE REQUESTED AMOUNT OF  
FUNDING TO BE A LOAN IN THE AMOUNT OF \$1,088,330.00 TO BE  
SUPPLEMENTED BY THE CDBG APPLICATION SUBMITTED BY ANDERSON  
COUNTY FISCAL COURT REQUESTING \$1,000,00.00 IN GRANT FUNDS AND  
LOCAL CONTRIBUTIONS.**

**VOTING FOR: KINNE AND BRYANT  
VOTING AGAINST: NONE**

*George Kinne 10-1-98*

August 28, 1998

Department for Local Government  
Kentucky State Clearinghouse  
Mr. Ron Cook, Manager  
1024 Capital Center Drive, Suite 340  
Frankfort, Ky. 40601

RE: South Anderson Water Expansion Project

Dear Mr. Cook,

Attached please find twenty-two (22) copies of the Project Profile and maps pertaining to the South Anderson Water Expansion Project. If we can answer any questions relating to these matters, please call our office at your earliest convenience.

Sincerely,

*Thomas Statten*



**WATER AND WASTE  
ELIGIBILITY CERTIFICATION**

**Certification for commercial credit and outstanding judgments**

The undersigned certifies, to the best of their knowledge and belief, that:

1. The organization is unable to finance the proposed project from its own resources or through commercial credit at reasonable rates and terms.
2. No outstanding judgment has been obtained and recorded by the United States of America in a Federal Court (other than in the United States Tax Court).

South Anderson Water District

Name of Organization

Bob Kincer, Chairman

Name of Authorized Official

Bob Kincer  
Signature

10-9-98  
Date

Form for filing Rate Schedules

For South Anderson Water District  
Community, Town or City

P.S.C. NO. 4

2nd Revision SHEET NO. 1

CANCELLING P.S.C. NO. 3

Original SHEET NO. 1-25

SOUTH ANDERSON WATER DISTRICT  
Name of Issuing Corporation

CLASSIFICATION OF SERVICE

RATE  
PER UNIT

The following rates and changes are prescribed for the customers in the area served by South Anderson Water District. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of this Commission prior to the effective date of this Order.

GALLONAGE BLOCK

RATE

First 2,000 gallons	\$11.35 Minimum Bill	I
Next 1,000 gallons	5.55 per 1,000 gallons	
Next 2,000 gallons	4.70 per 1,000 gallons	
Next 2,000 gallons	3.85 per 1,000 gallons	
Next 3,000 gallons	3.00 per 1,000 gallons	
Over 10,000 gallons	2.70 per 1,000 gallons	

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

NOV 10 1994

PURSUANT TO 807 KAR 8011,  
SECTION 9(1)

BY: Jordan C. Hill  
FOR THE PUBLIC SERVICE COMMISSION

DATE OF ISSUE November 10, 1994 DATE EFFECTIVE November 10, 1994

ISSUED BY Allen W. [Signature] TITLE Manager  
Name of Officer

Issued by authority of an Order of the Public Service Commission of Ky. in  
Case No. 94-365 dated November 10, 1994

Form for filing Rate Schedules

For South Anderson Water District  
Community, Town or City

P.S.C. NO. 3

2nd Revision SHEET NO. 1

CANCELLING P.S.C. NO. 2

Original SHEET NO. 1-25

SOUTH ANDERSON WATER DISTRICT  
Name of Issuing Corporation

CLASSIFICATION OF SERVICE

RATE  
PER UNIT

BULK RATE WATER STATION

Flat Rate

\$3.45 per 1,000 gallons

I

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

NOV 10 1994

PURSUANT TO 807 KAR 8.011,  
SECTION 9(1)

BY: Jordan C. Neal  
FOR THE PUBLIC SERVICE COMMISSION

DATE OF ISSUE November 10, 1994

DATE EFFECTIVE November 10, 1994

ISSUED BY Allen Washford TITLE Manager  
Name of Officer

Issued by authority of an Order of the Public Service Commission of Ky. in  
Case No. 94-365 dated November 10, 1994

## IV. PROJECT OVERVIEW

### A. PROJECT NEED

1. When was plant and/or system which serves the proposed project originally constructed?

<u>List Major Improvements, if any</u>	<u>Year Completed</u>	<u>Funding Used</u>	<u>Approximate Cost</u>
Phase I Distribution Lines	1975	RD	\$450,000
Phase II Distribution Lines	1981	RD	\$110,000
Phase III Distribution Lines	1988	RD & CDBG	\$1,287,000
Phase IV Distribution Lines	1994	RD & CDBG	\$1,300,000

2. If water is being hauling, provide an estimate of (does not apply to bottled water):

a.	Number of households affected	<u>253</u>
b.	Cost per load	<u>\$ 25.00</u>
c.	Number of gallons per load	<u>1,500</u>
d.	Number of loads used per month	<u>2-3</u>
e.	Cost per 4,000 gallons	<u>\$ 67.00</u>

3. List areas within proposed project to be served (i.e. names of roads, communities, neighborhoods) as indicated on maps (Attach additional page if necessary, using same format).  
**Use corresponding area letters as needed for questions 4, 5, 6, 7, 8, and effectiveness question 5.**

<u>Area</u>	<u>Road, Community or Neighborhood</u>	<u>Area</u>	<u>Road, Community or Neighborhood</u>
a	Gilberts Creek	d	SR 248/UJ 62/SR 3358
b	US 127 Bypass	h	Ballard/Puncheon/Dugansville/Searcy
c	Cox Road	i	Willow Creek
d	Anderson City/Drvdock/SR 44/Buntain School	i	Ashby Road
e	Burgin Road	k	Woolridge Road
f	Fairview Sour/SR 1291	l	Rice Road
		m.	KY 44 West

4. List and briefly discuss problems or sickness and identify areas (Include reference to sources of documentation as listed under methodology) (Attach additional page if necessary, using same format):

<u>Area(s)</u>	<u>Type of Sickness or Problems</u>	<u># of Cases</u>	<u>Documentation</u>
a	E. Coli present/Stomach Problems	2	Lab test/Survey
c	E. Coli present	1	Lab tests
d.	Worms in water/Stomach problems	3	Surveys
e	Stomach Problems	1	Survey
f	Snakes & worms in water/Stomach Problems	3	Survey
h	E. Coli & Salmonella bacteria present	3	Lab Tests
l	Pneumonia bacteria present	1	Lab Test

**IV. PROJECT OVERVIEW**  
(continued)

**A. PROJECT NEED (continued)**

5. Briefly describe areas with pressure problems and reference documentation as listed under methodology. (Examples: dates hydraulic studies were conducted and conclusions, frequency and duration of pressure problems, actions taken to date to correct problems, public comments/complaints.)

N/A

6. Briefly discuss areas with I&I problems and reference documentation as listed under methodology. (Examples: dates studies were conducted and conclusions, actions taken to date to correct problems, flow data.)

N/A

7. For water samples/tests, provide the following information and briefly discuss on the following page the level of contamination of water supply for each area (Attach additional pages as necessary using same format) :

<u>Area</u>	<u>Type of Test Taken Within Last 3 Years</u>	<u># of Tests Taken</u>	<u># of Samples Contaminate<sub>d</sub></u>	<u># of Well Tests</u>	<u># of Cistern Tests</u>	<u># of Spring Tests</u>	<u># of Other Tests</u>
a	Coli Verification	2	2		1	1	
b		0					
c	Coli Verification	1	1		1		
d	Coli Verification	2	1		2		
e	Coli Verification	1	0		1		
f	Coli Verification	5	3		3	2	
g	Coli Verification	1	0		1		
h	Coli Verification	4	4		4		
i	Coli Verification	1	0		1		
i	Coli Verification	1	1		1		
k	Coli Verification	1	1		1		
l	Coli Verification	2	1		2		
	<b>Total</b>	<b>21</b>	<b>14 or 67%</b>		<b>18</b>	<b>3</b>	

**IV. PROJECT OVERVIEW  
(continued)**

**A. PROJECT NEED (continued)**

7. (continued) Briefly discuss level of contamination of water supply (Include type of contamination, etc.) for tests indicated above:

Tests conducted by the County Health Department and a private water testing lab indicated that 67% of all cisterns and springs had coliform contamination and that 25% were contaminated with the deadly E. Coli bacterium. Exposure to E. Coli can lead to a range of maladies, from stomach cramps to total kidney failure. The Project Area's homes are either clustered together creek bottoms where outhouses (approximately 2) and straight pipes prevail, or on farmland where runoff from cattle, hog or horse operations enters the creeks, permeating the water table. Seven households reported that they had contracted intestinal infections from their water supplies.

Fear of drinking the water was prevalent; household surveys revealed that one in two (50%) households purchased their drinking water, spending from \$15 to \$20 monthly for bottled water. Mothers are advised by local physicians to not use well, cistern or spring water for mixing infant formula, frail or ill persons were afraid to consume well, cistern or spring water due to the high mineral content and the possibility of contracting a life-threatening bacteriological infection.

Reports on Anderson County from the Epidemiology section of the Cabinet for Human Resources indicate that, since 1993, there have been 5 cases of Camphybactor, 1 case of E. Coli related illness, 9 cases of Salmonella, and 2 cases of Giardia, all water borne illnesses. The Anderson County Health Department supports these records, citing reported cases of Hepatitis (non-A and non-B) and "many" cases of Campylobactor. According to the Control of Communicable Diseases Manual, "fecal contamination of nonchlorinated public water supplies has caused some extensive outbreaks of Salmonellosis". The Project Area has the largest concentration of households in the County still unserved by potable water( 325 consumers of an estimated 500 unserved households), it may be surmised that a number of these cases have been in the Project Area. Severe contamination of water supplies such as those tested, in addition to the aforementioned report, indicates an imminent health threat to the households in this Project Area.

8. Briefly discuss level of contamination in regard to sewage problems by area (Include source, type of problem, test results or studies conducted, etc.) for tests shown above:

N/A

9. Identify current sanctions and attach copy(ies):

	<u>Date Imposed</u>	<u>Fines Levied to Date</u>	<u>Final Compliance Date</u>
Administrative Order	N/A		
Agreed Order	N/A	\$	
Tap-On Ban	N/A	\$	
Line Extension Ban	N/A	\$	
Others (Explain)	N/A	\$	
		\$	

#### IV. PROJECT OVERVIEW (continued)

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##### A. PROJECT NEED (continued)

10. Briefly summarize other needs in the space provided. **Additional pages are not allowed.**

**Description of Need:**

For years, households within a 13 road area of Anderson County have requested that public water supplies be extended to them. Current water supplies consist of cisterns (96%), drilled wells (3%), or springs or creeks (1%). Household surveys revealed that one in two households (50%) were too afraid of their water source to drink it and had to purchase their drinking water at an average cost of \$15 to \$20 per month. There were 178 households in the Project Area that hauled their own water( which requires a truck, a 300 gallon plastic storage tank and \$4.00 per load), making an average of 12 trips per month, or had their water hauled, at a cost of \$67 per month.

The majority of the residences in the Project Area are grouped in clusters along ridgetops, on or adjacent to small farms on which cattle, hogs and/or horses are raised. In these areas , outhouses and concentrations of "straight pipes" are the norm and leach right into the water table. Livestock from the small farms have access to the creeks and/or any run-off from grazing areas allows animal wastes and Nitrates to enter the creek and contaminate the water table. A recent study of the Center for Disease Control and Prevention confirmed that Nitrate runoff from fertilizer, animal or human feces has linked instances of miscarriages in humans to the consumption of water sources contaminated in this fashion. Seven households reported that they had contracted intestinal infections from their water supplies. Five households in the Project Area were advised ny local doctors to boil water for infant formula, lest they endanger the health and safety of their infants. Soil types throughout the Project Area are clayey soils of the Lowell-Faywood-Eden; these soil types are susceptible to poor absorption rates and are generally located in or near creek bottoms and along ridgetops. These soils are classified as "severe" in terms of permeability and percolation of any septic fields or outhouses in the Project Area, thereby allowing human wastes to infiltrate the groundwater.

The South Anderson Water District is currently purchasing the maximum amount of water allowed in their Water Purchase Agreement with the City of Lawrenceburg, with no hope of increasing the amount of water that can be purchased. The City Water Treatment Plant is treating the maximum allowable gallonage and will unable to provide more finished water without an upgrade in their pumping and treatment capabilities. A bulk water station near the Project Area used by residents to fill plastic storage tanks for cisterns, was shut down this July and August because the drought-like conditions increased the demand for water; The Water District was exceeding their Purchase limits and feared having their water limited by the City, denying all District customers ample water supplies. The District proposes to construct 24,500 LF of 8" water distribution line to interconnect their system with the Frankfort Water system; a purchase agreement is in draft form and shall be finalized upon confirmation of funding. Provision of this distribution line will enable the Water District to utilize the new Frankfort interconnection solely for water service for the northeastern sector of the District and for an emergency back-up supply. The gallonage formerly purchased for this sector (approximately 80,000 gallons per day) will, in effect, reduce the amount of water purchased from the City, however, the District shall still purchase additional water from the City in order to satisfy the demands (approximately 55,000 gallons per day) of the new Project Area customers. . As a result, the District will be able to remain within their Purchase Agreement limits with the City and still serve these new customers, while utilizing a regional source of water for their northeastern sector.

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**682 Real Estate Wanted**  
 I BUY houses any con-  
 dition, in or near Lex-  
 W 885-1170; H 273-9842

**FAST CASH**  
 We buy houses. Dennis  
 Anderson Real Es-  
 tate 24 Hrs. 263-5086

034156  
**LINCOLN Real Estate**  
 255-7777 or 273-2222

**GARAGE SALE**  
**RAIN**  
**INSURANCE**  
**Herald-Leader**  
**CLASSIFIEDS**  
**CALL TODAY**  
**233-7878**  
**1-800-933-7355**

Berry Hill Annex, 700  
 Louisville Road,  
 Frankfort, Kentucky  
 40601 for the pro-  
 posal package. The  
 total amount of Fed-  
 eral Funds available  
 for these Grants is  
 \$200,000. Submission  
 deadline for com-  
 pleted proposal  
 packet is January 31,  
 1998. Projects se-  
 lected to be funded  
 must be completed  
 by September 30,  
 1998.

**REQUEST FOR STATEMENT OF QUALIFICATIONS**

The South Anderson  
 Water District will  
 accept statements of  
 qualifications from  
 consulting engineer-  
 ing firms for plan-  
 ning, design, con-  
 struction and other  
 required engineering  
 relating to a Phase 3  
 Water System Ex-  
 tension Project.  
 Firms wishing to be  
 considered should  
 send a statement of  
 qualifications, not  
 exceeding 15 pages,  
 to Mr. Alton War-  
 ford, Manager,  
 South Anderson  
 Water District at P.O.  
 Box 16, Lawrence-  
 burg, Kentucky  
 40342. Proposals  
 must be received by  
 3:00 p.m. on Decem-  
 ber 21, 1997. State-

**CURRENCY:**  
 Two Thousand One  
 Hundred Ninety  
 (\$2,190.00) Dollars in  
 United States Cur-  
 rency.  
**YOU ARE HEREBY NOTIFIED** that the  
 United States intends  
 to dispose of this  
 property in such  
 manner as the Uni-  
 ted States Attorney  
 General may direct.  
 Pursuant to Title 21,  
 United States Code,  
 Section 853 (n)(1), if  
 you have a legal in-  
 terest in this prop-  
 erty, WITHIN THIRTY  
 (30) DAYS of receipt  
 of this notice, you  
 must petition the  
 United States District  
 Court for the Eastern  
 District of Kentucky  
 for a hearing to adju-  
 dicate the validity of  
 your alleged legal in-  
 terest in this prop-  
 erty. If a hearing is re-  
 quested, it shall be  
 held before the Court  
 alone, without a jury.  
**THE PETITION**  
 must be signed by  
 the petitioner under  
 penalty of perjury,  
 as established in 28  
 U.S.C. §1746, and  
 shall set forth the na-  
 ture and extent of  
 your right, title or in-  
 terest in each item of  
 property, the time  
 and circumstances of  
 your acquisition of

car  
 couch  
 apartment  
 house  
 puppy  
 kitten  
 roommate  
 Check  
 the  
**Herald-Leader**  
**Classifieds.**  
 7  
 days  
 a  
 week!

**THE Daily Crossword** Edited by Wayne Robert Williams

- ACROSS**
- Candid Camera man
  - Sarcastic taunts
  - Stack
  - Buckeye state
  - Eastern European lake
  - Stately bird
  - Police officer's protection
  - Pay the piper
  - Joists
  - Ship back?
  - Card game for three
  - Completely surround
  - Operates
  - Cool down
  - Page
  - Of sacred Hindu scripture
  - Novelist Conroy
  - Glutton's requirement
  - Resident of, suff
  - Like sailor's stories
  - Poker stake
  - Hair fashions
  - Comic Rudner
  - Empty talk
  - Passing crazes
  - Abner
  - Soup dispenser
  - Warm, cheerful brightness
  - John Henry, e.g.
  - Ballet dancer Pavlova
  - Entrenched
  - Distress painfully
  - Coin flip
  - Arnold, the actor
  - Chopping tools

1	2	3	4	5	6	7	8	9	10	11	12	13		
14				15					16					
17				18					19					
20									21					
22									23	24				
25	26	27	28			29				30	31	32		
33					34						35			
36						37	38				39			
40						41					42			
43						44				45	46			
47									48					
49	50	51							52		53	54	55	56
57						58	59							
60									61				62	
63									64				65	

By Gerald R. Ferguson  
 Portland, OR  
 12/8/97

Saturday's Puzzle solved.

S	A	R	A	C	E	N	S	T	H	R	I	F	T	
P	R	E	T	O	R	I	A	N	T	O	R	I	E	
R	E	D	E	M	A	N	D	E	M	B	E	R	S	
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T	H	E	R	M	O	S	T	A	T	S	A	S	A	
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	S	A	D	A		A	P	R	E	L	O			
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N	O	N	I	N	C		A	N	T	S				
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W	E	E		G	O	U	D	A	C	H	E	E	S	E
C	Y	D		W	N	B	A			E	E	N		
A	B	A	S	E	D									
P	E	T	U	L	A									
S	E	E	M	L	I									

- DOWN**
- Watch pockets
  - Casual affirmative
  - River of Sudan
  - Usage charge
  - Deplaned
  - Feed the computer
  - Actor Lahr
  - Prima donna's problem
  - Paulo, Brazil
  - Wheel
  - Yeah, sure
  - Actress Eichhorn
  - Guessed figs.
  - Israel's airline
  - Unqualified failure
  - Full of lather
  - Contract in wrinkles
  - Spanish hero
  - Groovy
  - Neon and radon
  - Instructors' grp.
  - Oscar de la
  - Colgate rival, once
  - Water-storing plants
  - Imaginary substance
  - Electrical measure
  - Shamir's nation
  - Foray
  - Welcome site
  - Intentionally out of sight
  - Lena or Ken
  - Black plague carriers
  - "Alice" star
  - Coll. senior's exam
  - Chemical chart fig
  - Lions' lairs
  - Capital on the Baltic Sea
  - Taj Mahal site
  - Western st.
  - Raw sugar
  - Concludes
  - Toothy deg.
  - Furrow

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RAY EDELMAN

ATTORNEY AT LAW

150 SOUTH MAIN STREET

LAWRENCEBURG, KENTUCKY 40342

TELEPHONE  
(502) 839-5111

FAX  
(502) 839-3834

October 1, 1998

Louis F. Elliott, Manager  
USDA Rural Development  
P.O. Box 1227  
Shelbyville, KY 40066-1227

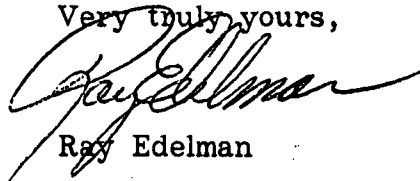
In Re: South Anderson Water District

Dear Mr. Elliott:

The South Anderson Water District was established and designated as the South Anderson Water District by Order of the Anderson County Court, dated May 5, 1967, signed by Judge Hollie Warford, Sr. A copy of said Order is attached hereto for your reference.

I am presently of the opinion that the South Anderson Water District was duly established and is still in continued existence.

Very truly yours,



Ray Edelman

RE:rp

Attachment

IN RE: South Anderson WATER DISTRICTO R D E R

It appearing to the court that a petition signed by at least <sup>Twenty-</sup>seventy-  
(25) five ~~(25)~~ resident free holders of the proposed South Anderson Water  
District has been filed and a copy of the territory intended to be  
included in the district was made a part of the petition and filed  
with same.

It further appearing to the court that a notice of the filing of  
this petition has been published in three (3) issues in a newspaper of  
general circulation in this county, and

It further appearing to the court from the petition that the estab-  
lishment of this district is reasonable necessary for the public health,  
convenience, fire protection and comfort of the residents therein.

It further appearing to the court that no objections have been  
filed to this petition.

IT IS THEREFORE, ordered that the South Anderson Water District  
be and the same is hereby established, and it is designated the  
South Anderson Water District.

This 5th day of May, 1967.

Walter W. Anderson  
JUDGE, Anderson COUNTY COURT

STATE OF KENTUCKY  
COUNTY OF ANDERSON, Sct.

I, Julian Birdwhistell, Clerk of the Anderson County Court, hereby certify that the foregoing is a true and correct copy of an Order of said Court in reference to the South Anderson Water District, and same is of record in my said office in County Court Order Cook "W", Page 169.

Witness my hand and seal of office this August 26, 1975.

JULIAN BIRDWHISTELL, CLERK

By: *Rita Phillips* DC

SOUTH ANDERSON WATER DISTRICT  
P.O. BOX 16  
246 COURT STREET  
LAWRENCEBURG, KY 40342

SOUTH ANDERSON WATER DISTRICT  
MINUTES FROM MEETING JANUARY 15, 1998

THE JANUARY MEETING OF THE SAWD WAS CALLED TO ORDER BY BOB KINCER.

MINUTES OF THE PREVIOUS MEETING WERE READ AND WITH NO CHANGES WAS APPROVED AS READ.

THE BOARD REVIEWED WARRANT #263, A MOTION BY JANET 2ND BY BOB TO PAY ALL BILLS LISTED IN WARRANT #263, MOTION CARRIED.

ALTON, UPDATED THE BOARD ON OUTSTANDING ACCOUNTS. THE BOARD AGREED TO WRITE THEM OFF AS A LOSS, BUT STILL WANTS TO TRY AND COLLECT FROM THE PEOPLE.

ALTON, BROUGHT BEFORE THE BOARD THE STATEMENTS OF QUALIFICATION FROM CONSULTING ENGINEERING FIRMS FOR PLANNING, DESIGN, CONSTRUCTION AND OTHER REQUIRED ENGINEERING RELATING TO A PHASE 5 WATER SYSTEM EXTENSION PROJECT.

THIS REQUEST FOR ENGINEERING FIRMS QUALIFICATIONS WAS ADVERTISED IN THE PAPER AND NEEDED TO BE IN BY DECEMBER 21, 1997 AT 3:00PM.

THE BOARD NEGOTIATED A CONTRACT WITH KENVIRONS ENGINEERING. BOTH AGREED TO USE THE RURAL DEVELOPMENT STANDARD ENGINEERING CONTACT, TO FULFILL THE REQUIREMENTS OF RURAL UTILITIES SERVICE. SOURCES OF FUNDING WILL INCLUDE, BUT NOT LIMITED TO THE USDA (RUS) WATER AND WASTE LOAN AND GRANT PROGRAM AND LOCAL MONIES.

**\*\*NEXT MEETING FEBRUARY 26, 1998, 7:30 P.M.\*\***

PRESENT: K. TAYLOR  
B. KINCER  
J. BRYANT  
A. WARFORD  
G. KINNE

## AGREEMENT FOR ENGINEERING SERVICES

This Agreement, made this 9th day of February, 19 98,

by and between South Anderson Water District, hereafter referred to as the OWNER,  
and Kenvirons, Inc., hereinafter referred to as the ENGINEER:

THE OWNER intends to construct an extension to its water distribution system (Phase V)

in Anderson County, State of Kentucky  
which may be paid for in part with financial assistance from the United States of America acting through Rural Development of the United States Department of Agriculture, pursuant to the consolidated Farm and Rural Development Act, (7 U.S.C. 1921 et seq.) and for which the ENGINEER agrees to perform the various professional engineering services for the design and construction of said system.

### WITNESSETH:

That for and in consideration of the mutual covenants and promises between the parties hereto, it is hereby agreed:

### SECTION A - ENGINEERING SERVICES

The ENGINEER shall furnish engineering services as follows:

1. The ENGINEER will conduct preliminary investigations, prepare preliminary drawings, provide a preliminary itemized list of probable construction costs effective as of the date of the preliminary report, and submit a preliminary engineering report following Rural Development instructions and guides.
2. The ENGINEER will furnish 10 copies of the preliminary engineering report, and layout maps to the OWNER.
3. The ENGINEER will attend conferences with the OWNER, representatives of Rural Development, or other interested parties as may be reasonably necessary.
4. After the preliminary engineering report has been reviewed and approved by the OWNER and by Rural Development and the OWNER directs the ENGINEER to proceed, the ENGINEER will perform the necessary design surveys, accomplish the detailed design of the project, prepare construction drawings, specifications and contract documents, and prepare a final cost estimate based on the final design for the entire system. It is also understood that if subsurface explorations (such as borings, soil tests, rock soundings and the like) are required, the ENGINEER will furnish coordination of said explorations without additional charge, but the costs incident to such explorations shall be paid for by the OWNER as set out in Section D hereof.
5. The contract documents furnished by the ENGINEER under Section A-4 shall utilize Rural Development-endorsed construction contract documents, including Rural Development General Conditions, Contract Change Orders, and partial payment estimates. All of these documents shall be subject to Rural Development approval. Copies of guide contract documents may be obtained from Rural Development.
6. Prior to the advertisement for bids, the ENGINEER will provide for each construction contract, not to exceed 10 copies of detailed drawings, specifications, and contract documents for use by the OWNER, appropriate Federal, State, and local agencies from whom approval of the project must be obtained. The cost of such drawings, specifications, and contract documents shall be included in the basic compensation paid to the ENGINEER.
7. The ENGINEER will furnish additional copies of the drawings, specifications and contract documents as required by prospective bidders, material suppliers, and other interested parties, but may charge them for the reasonable cost of such copies. Upon award of each contract, the ENGINEER will furnish to the OWNER five sets of the drawings, specifications and contract documents for execution. The cost of these sets shall be included in the basic compensation paid to the ENGINEER. Original documents, survey notes, tracings, and the like, except those furnished to the ENGINEER by the OWNER, are and shall remain the property of the ENGINEER.

*Public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to U.S. Department of Agriculture, Clearance Officer, STOP 7602, 1400 Independence Avenue, S.W., Washington, D.C. 20250-7602. Please DO NOT RETURN this form to this address. Forward to the local USDA office only. You are not required to respond to this collection of information unless it displays a currently valid OMB control number.*

(Section A - continued)

8. The drawings prepared by the ENGINEER under the provisions of Section A-4 above shall be in sufficient detail to permit the actual location of the proposed improvements on the ground. The ENGINEER shall prepare and furnish to the OWNER without any additional compensation, three copies of a map(s) showing the general location of needed construction easements and permanent easements and the land to be acquired. Property surveys, property plats, property descriptions, abstracting and negotiations for land rights shall be accomplished by the OWNER, unless the OWNER requests, and the ENGINEER agrees to provide those services. In the event the ENGINEER is requested to provide such services, the ENGINEER shall be additionally compensated as set out in Section D hereof.
9. The ENGINEER will attend the bid opening and tabulate the bid proposals, make an analysis of the bids, and make recommendations for awarding contracts for construction.
10. The ENGINEER will review and approve, for conformance with the design concept, any necessary shop and working drawings furnished by contractors.
11. The ENGINEER will interpret the intent of the drawings and specifications to protect the OWNER against defects and deficiencies in construction on the part of the contractors. The ENGINEER will not, however, guarantee the performance by any contractor.
12. The ENGINEER will establish baselines for locating the work together with a suitable number of bench marks adjacent to the work as shown in the contract documents.
13. The ENGINEER will provide general engineering review of the work of the contractors as construction progresses to ascertain that the contractor is conforming with the design concept.
14. Unless notified by the OWNER in writing that the OWNER will provide for resident inspection, the ENGINEER will provide resident construction inspection. The ENGINEER'S undertaking hereunder shall not relieve the contractor of contractor's obligation to perform the work in conformity with the drawings and specifications and in a workmanlike manner; shall not make the ENGINEER an insurer of the contractor's performance; and shall not impose upon the ENGINEER any obligation to see that the work is performed in a safe manner.
15. The ENGINEER will cooperate and work closely with Rural Development representatives.
16. The ENGINEER will review the contractor's applications for progress and final payment and, when approved, submit same to the OWNER for payment.
17. The ENGINEER will prepare necessary contract change orders for approval of the OWNER, Rural Development, and others on a timely basis.
18. The ENGINEER will make a final review prior to the issuance of the statement of substantial completion of all construction and submit a written report to the OWNER and Rural Development. Prior to submitting the final pay estimate, the ENGINEER shall submit a statement of completion to and obtain the written acceptance of the facility from the OWNER and Rural Development.
19. The ENGINEER will provide the OWNER with one set of reproducible record (as-built) drawings, and two sets of prints at no additional cost to the OWNER. Such drawings will be based upon construction records provided by the contractor during construction and reviewed by the resident inspector and from the resident inspector's construction data.
20. If State statutes require notices and advertisements of final payment, the ENGINEER shall assist in their preparation.
21. The ENGINEER will be available to furnish engineering services and consultations necessary to correct unforeseen project operation difficulties for a period of one year after the date of statement of substantial completion of the facility. This service will include instruction of the OWNER in initial project operation and maintenance but will not include supervision of normal operation of the system. Such consultation and advice shall be furnished without additional charge except for travel and subsistence costs. The ENGINEER will assist the OWNER in performing a review of the project during the 11th month after the date of the certificate of substantial completion.
22. The ENGINEER further agrees to obtain and maintain, at the ENGINEER'S expense, such insurance as will protect the ENGINEER from claims under the Workman's Compensation Act and such comprehensive general liability insurance as will protect the OWNER and the ENGINEER from all claims for bodily injury, death, or property damage which may arise from the performance by the ENGINEER or by the ENGINEER'S employees of the ENGINEER'S functions and services required under this Agreement.

(Section A - continued)

23. The services called for in the Section A-1 and A-2 of this Agreement shall be completed and the report submitted within 30 calendar days from the date of authorization to proceed. After acceptance by the OWNER and Rural Development of the Preliminary Engineering Report and upon written authorization from the OWNER, the ENGINEER will complete final plans, specifications and contract documents and submit for approval of the OWNER, Rural Development and all State regulatory agencies within 150 calendar days from the date of authorization unless otherwise agreed to by both parties.

If the above is not accomplished within the time period specified, this Agreement may be terminated by the OWNER. The time for completion will be extended by the OWNER for a reasonable time if completion is delayed due to unforeseeable causes beyond the control and without the fault or negligence of the ENGINEER.

### SECTION B - COMPENSATION FOR ENGINEERING SERVICES

1. The OWNER shall compensate the ENGINEER for preliminary engineering services in the sum of Six Thousand Dollars and no/100 ----- Dollars (\$ 6,000.00 ) after the review and approval of the preliminary engineering report by the OWNER and Rural Development.

2. The OWNER shall compensate the ENGINEER for design and contract administration engineering services in the amount of: (Select ~~(a)~~(b))

(a) N/A Dollars (\$ N/A ) or

(b) As shown in Attachment 1

When Attachment 1 is used to establish compensation for the design and contract administration services, the actual construction costs on which compensation is determined shall exclude legal fees, administrative costs, engineering fees, land rights, acquisition costs, water costs, and interest expense incurred during the construction period.

3. The compensation for preliminary engineering services, design and contract administration services shall be payable as follows:

(a) A sum which equals seventy percent (70%) of the total compensation payable under Section B-1 and 2, after completion and submission of the construction drawings, specifications, cost estimates, and contract documents, and the acceptance of the same by OWNER and Rural Development.

(b) A sum which, together with the compensation provided in Section B-3-(a) above, equals eighty percent (80%) of the compensation payable immediately after the construction contracts are awarded.

(c) A sum equal to fifteen percent (15%) of the compensation will be paid on a monthly basis for general engineering review of the contractor's work during the construction period on percentage ratios identical to those approved by the ENGINEER as a basis upon which to make partial payments to the contractor(s). However, payment under this paragraph and of such additional sums as are due the ENGINEER by reason of any necessary adjustments in the payment computations will be in an amount so that the aggregate of all sums paid to the ENGINEER will equal ninety-five (95%) of the compensation. A final payment to equal 100 percent shall be made when it is determined that all services required by this Agreement have been completed except for the services set forth in Section A-21 hereof.

### SECTION C - COMPENSATION FOR RESIDENT INSPECTION AS SET FORTH IN SECTION A-14

When the ENGINEER provides resident inspection, the ENGINEER will, prior to the preconstruction conference, submit a resume of the resident inspector's qualifications, anticipated duties and responsibilities for approval by the OWNER and Rural Development. The OWNER agrees to pay the ENGINEER for such services in accordance with the schedule set out in Attachment 1. The ENGINEER will render to OWNER for such services an itemized bill, once each month, for compensation for such services performed hereunder during such period, the same to be due and payable by the OWNER to the ENGINEER on or before the 10th day of the following period.

Under normal construction circumstances, and for the proposed construction period of 365 days, the cost of resident inspection is estimated to be \$ 61,500.00.

## SECTION D - ADDITIONAL ENGINEERING SERVICES

In addition to the foregoing being performed, the following services may be provided UPON PRIOR WRITTEN AUTHORIZATION OF THE OWNER and written approval of Rural Development.

1. Site surveys for water treatment plants, sewage treatment works, dams, reservoirs, and other similar special surveys as may be required.
2. Laboratory tests, well tests, borings, specialized geological, soils, hydraulic or other studies recommended by the ENGINEER.
3. Property surveys, detailed description of sites, maps, drawings, or estimates related thereto; assistance in negotiating for land and easement rights.
4. Necessary data and filing maps for water rights, water adjudication, and litigation.
5. Redesigns ordered by the OWNER after final plans have been accepted by the OWNER and Rural Development, except redesigns to reduce the project cost to within the funds available.
6. Appearances before courts or boards on matters of litigation or hearings related to the project.
7. Preparation of environment impact assessments or environmental impact statements.
8. Performance of detailed staking necessary for construction of the project in excess of the control staking set forth in Section A-12.
9. The ENGINEER further agrees to provide the operation and maintenance manual for facilities when required for  
\$           N/A          .

Payment for the services specified in this Section D shall be as agreed in writing between the OWNER and approved by Rural Development prior to commencement of the work. Barring unforeseen circumstances, such payment is estimated not to exceed

\$ 12,000.00. The ENGINEER will render to OWNER for such services an itemized bill, separate from any other billing, once each month, for compensation for services performed hereunder during such period, the same to be due and payable by OWNER to the ENGINEER on or before the 10th day of the following period.

## SECTION E - INTEREST ON UNPAID SUMS

If OWNER fails to make any payment due ENGINEER within 60 days for services and expenses and funds are available for the project then the ENGINEER shall be entitled to interest at the rate of 12 percent per annum from said 60th day, not to exceed an annual rate of 12 percent.

## SECTION F - SPECIAL PROVISIONS



SECTION G - APPROVAL BY RURAL DEVELOPMENT

This Agreement shall not become effective until approved by Rural Development. Such approval shall be evidenced by the signature of a duly authorized representative of Rural Development in the space provided at the end of this Agreement. The approval so evidenced by Rural Development shall in no way commit Rural Development to render financial assistance to the OWNER and is without liability for any payment hereunder, but in the event such assistance is provided, approval shall signify that the provisions of this Agreement are consistent with the requirements of Rural Development.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in duplicate on the respective dates indicated below.

(SEAL)

ATTEST Alton Warford

Type Name Alton Warford

Title Manager

OWNER:

By Bob Kincer

Type Name Bob Kincer

Title Chairman

Date 2-18-98

(SEAL)

ATTEST Kenneth D. Taylor

Type Name Kenneth D. Taylor

Title Associate

ENGINEER:

By Douglas C. Griffin

Type Name Douglas C. Griffin

Title President

Date 2/18/98

APPROVED:

RURAL DEVELOPMENT

By \_\_\_\_\_

Type Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

FEEES FOR PROFESSIONAL ENGINEERING SERVICES  
AS A PERCENTAGE OF NET CONSTRUCTION COST

This attachment will be executed and made a part of the "Agreement for Engineering Services." It will be used as a guide for determining maximum compensation for basic engineering and resident inspection services.

TABLE I - BASIC DESIGN

These fees shall pertain to projects requiring complex or detailed engineering design. This will include sewage treatment plants, sewage collection, sewage lift stations, water treatment plants, water distribution mains and appurtenances less than 12 inches in diameter, water pump stations, water storage facilities, and renovations of water and sewer facilities.

<u>NET CONSTRUCTION COST</u>	<u>PERCENTAGE FEE</u>
\$ 100,000	13.00
200,000	11.20
300,000	10.25
400,000	9.70
500,000	9.30
600,000	8.98
700,000	8.70
800,000	8.45
900,000	8.25
1,000,000	8.10
2,000,000	7.15
3,000,000	6.72
4,000,000	6.40
5,000,000	6.25
6,000,000	6.15
7,000,000	6.05
8,000,000	5.95
9,000,000	5.90
10,000,000	5.85

Fees for less complex projects such as light industrial buildings, roads, streets, storm drains 24 inches and larger, water distribution mains 12 inches and larger, and appurtenances related thereto shall be 85% of the above Table I percentages.

Surveys for design such as topography, profiles, cross sections and the like, soundings--not to exceed six feet in depth-- to estimate the amount of rock excavation, are included in the basic service instead of being classified as additional or special services.

TABLE II - PERCENTAGES FOR ESTABLISHING  
FULL TIME RESIDENT INSPECTION COSTS

<u>NET CONSTRUCTION COST</u>	<u>PERCENT</u>
\$ 100,000	12.00
200,000	9.40
300,000	7.80
400,000	7.00
500,000	6.40
600,000	5.80
700,000	5.40
800,000	5.00
900,000	4.80
1,000,000	4.60
2,000,000	3.60
3,000,000	3.00
4,000,000	2.70
5,000,000	2.50
6,000,000	2.32
7,000,000	2.20
8,000,000	2.12
9,000,000	2.05
10,000,000	2.00

NOTE: Add two percent to the above Table II percentages for the first \$1,000,000 cost of treatment facilities. Add one percent to the above percentages for all over \$1,000,000 cost of treatment facilities.

GENERAL INFORMATION FOR BASIC AND RESIDENT INSPECTION FEES

The resident inspector will maintain a daily diary meeting FmHA requirements.

Compensation for construction costs between the values listed in the schedule should be determined by interpolation.

If a project is divided into units and all units are authorized for design at the same time, the compensation will be determined by adding together the costs of the construction of the various units and applying the table to the sum of these costs. The initial construction award amount will set the fee percent for project (change orders will not adjust fee percent). For construction inspection, the initial percent times the revised construction cost will create an up-set figure not to be exceeded. If remaining funds are used and additional construction is rebid, the project shall be treated as a new project with new fee percentages.

OWNER South Anderson Water District

DATE 2-18-98 BY (with TITLE) Bob Kincaid Chairman

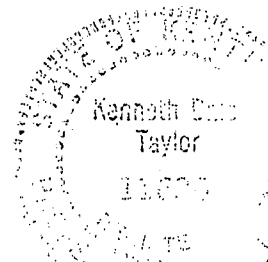
ENGINEER Kenviron, Inc.

DATE 2/19/98 BY (with TITLE) Dwight Duff

**PRELIMINARY ENGINEERING REPORT  
PHASE 5 EXPANSION PROJECT  
SOUTH ANDERSON WATER DISTRICT  
LAWRENCEBURG, KENTUCKY**

**PROJECT NO. 97185**

**SEPTEMBER, 1998**



*Kenneth D. Taylor, PE*  
*9/30/98*

# PRELIMINARY ENGINEERING REPORT

## PHASE 5 EXPANSION PROJECT SOUTH ANDERSON WATER DISTRICT

### I. INTRODUCTION

The South Anderson Water District (SAWD) was originally formed to provide a safe, dependable supply of potable water to the citizens of southern Anderson County. Since its inception in 1967, the SAWD has grown until it serves approximately 1450 customers over a large portion of the County including some in the northern portion of the County. SAWD intends to eventually make treated water available to every citizen within its boundary. This project will go along way toward accomplishing this as it extends service to 14 separate areas of the county and provides an additional source of treated water. SAWD anticipates serving approximately 342 new users on the extensions. The proposed facilities are modest in design, size and cost and will be constructed and operated in an environmentally responsible manner.

### II. PROJECT PLANNING AREA

Included as Exhibit 1 is a map of Anderson County with SAWD's boundary, existing facilities and proposed facilities indicated. The planning area for the proposed project includes all of the area within SAWD's boundary as the entire distribution system must be designed to ultimately provide treated water to the entire area. Toward this goal the facilities previously constructed and planned by SAWD have been designed to provide the necessary volume and pressures for the completed system. The proposed facilities are shown on Exhibits II -IV which are portions of the USGS 7.5 minute topographic maps of the areas. The transmission line from the Frankfort Plant Board system will provide an alternate source of water to the system and can be extended to tie into the rest of the system at a later date if need arises. The specific areas to be served by the project include the following roads/communities: Ballard, Dugansville Rd., Hoophole, Puncheon Ck. Rd., and Searcy Sch. Rd.; Fairview, Lick Skillet Rd., and Ky Hwy 1291; Drydock, Anderson City, Buntain Sch. Rd., and Ky 44 east of Glensboro; US 62 west of Johnsonville, Ky Hwy 248 and Ky Hwy 3358 (Tanner Rd.); Burgin Rd.; US 127 Bypass from Sidney to US 127; Cox Rd.; Willow Ck. Rd.; Ky Hwy 44 west of Glensboro; Ashby Rd.; Gilberts Ck. Rd.; Woolridge Rd.; Rice Rd.; and Fox Ck. Rd..

The project will address a serious problem faced by the residents of these areas, that being the lack of a safe, dependable water supply. The personal health and safety of the residents are threatened by contaminated water sources. A portion of the families are also forced to haul water, creating a financial burden. The District has sampled a cross-section of the water supplies in the area and determined that the majority were contaminated by coliform or other bacteria. Tests conducted by the County Health Department and a

private water testing lab indicated that 67% of all cisterns and springs had coliform contamination and that 25% were contaminated with the deadly E. Coli bacterium. Exposure to E. Coli can lead to a range of maladies, from stomach cramps to total kidney failure. The Project Area's homes are either clustered together along creek bottoms where outhouses (approximately 2) and straight pipes prevail, or on farmland where runoff from cattle, hog or horse operations enters the creeks, permeating the water table. Seven households reported that they had contracted intestinal infections from their water supplies.

Fear of drinking the water was prevalent; household surveys revealed that one in two (50%) households purchased their drinking water, spending from \$15 to \$20 monthly for bottled water. Mothers are advised by local physicians to not use well, cistern or spring water for mixing infant formula, frail or ill persons were afraid to consume well, cistern or spring water due to the high mineral content and the possibility of contracting a life-threatening bacteriological infection.

Reports on Anderson County from the Epidemiology section of the Cabinet for Human Resources indicate that, since 1993, there have been 5 cases of Campylobacter, 1 case of E. Coli related illness, 9 cases of Salmonella, and 2 cases of Giardia, all water borne illnesses. The Anderson County Health Department supports these records, citing reported cases of Hepatitis (non-A and non-B) and "many" cases of Campylobacter. According to the Control of Communicable Diseases Manual, "fecal contamination of nonchlorinated public water supplies has caused some extensive outbreaks of Salmonellosis". The Project Area has the largest concentration of households in the County still unserved by potable water (342 consumers of an estimated 500 unserved households), it may be surmised that a number of these cases have been in the Project Area. Severe contamination of water supplies such as those tested, in addition to the aforementioned report, indicates an imminent health threat to the households in this Project Area.

There are no known or anticipated unusual construction conditions. Due to shallow soil depths in much of the area, the unit cost per foot of water line will be slightly higher than in some other areas of the state. The District is not aware of any environmentally significant features, historic sites or important land resources which will be adversely impacted by the project.

### **III. EXISTING FACILITIES**

The District's distribution facilities now consist of approximately 37,000 feet of 8", 273,500 feet of 6", 180,500 feet of 4" and 19,500 feet of 3" distribution line; 3-100,000 gallon and 1-131,000 gallon storage tanks; 3-100 gpm booster pump stations; and assorted accessories such as gate valves, and blow-off hydrants/valves. All of the system is less than 25 years old and a major portion is less than 10 years old. All existing facilities are in good to excellent working condition. The District is currently planning to construct a booster pump station and standpipe in the US 62/US 127 bypass area. These facilities

will provide service to the higher elevations in this area and increase the quantity of water that can be taken out US 62 west.

The District currently purchases all water. It has a contract with the City of Lawrenceburg for up to 10 million gallons per month through 2037.

Given in the attached Summary/Addendum are the District's current rate schedules, tabulation of users by monthly usage categories, status of existing long-term indebtedness and amounts on deposit in the required reserve accounts. The District is physically and economically sound.

#### **IV. PROPOSED FACILITIES AND SERVICES**

**General Description.** The proposed project consists of approximately 24,500 feet of eight inch, 239,325 feet of four inch, and 10,800 feet of three inch water line; 1-300 gpm booster pump station; and distribution system appurtenances such as gate valves, air release valves, blow-off valves, meters, etc. The distribution lines will be primarily of PVC. Some small sections of ductile iron pipe may be used in special areas, i.e., stream crossings, past gas tanks, etc. The facilities will be designed to provide the customers with a minimum pressure of 30 psi at the meter at peak flow conditions. Where static pressures exceed 90 psi, individual pressure regulators will be provided to protect fixtures from high pressures. The booster pump station will pump to the existing standpipe at Ninevah.

The booster pumping station will be designed to maintain a minimum operating level in the standpipe about 10 to 12 feet lower than the overflow elevation of the tank. This will require pumping to begin when the water level in the tank drops to the minimum operating level; pumping will continue until the tank is refilled to just below the overflow level. This procedure will provide adequate pressure stabilization of the system. The hydraulic model of the system is currently being updated to include the proposed project and significant results of the model will be appended to this report when completed.

The locations of the major elements of the project are shown on the attached county road map and portions of the U.S.G.S. topographic maps. An itemized cost estimate is given in Attachment I. The extension of the District's distribution facilities is the only viable alternative for providing water service to these areas of the County.

**Land.** It will be necessary to acquire land on which to construct the booster pump station. A tract approximately 30' x 30' will be needed for the booster pump station. The approximate location of this facility is shown on the attached maps, however, the location may vary depending on the final design of the system and the ability to acquire the land.

**Rights.** Easements will be required for the water distribution lines, many of which will be given by the individual customers. By necessity, some easements for the distribution lines will be on State and County road right-of-way.

No permits or easements have been obtained at this time for the proposed work. It is anticipated that in addition to the land requirements previously mentioned, permits and/or approvals will be required from the following agencies:

Kentucky Public Service Commission  
Kentucky Department of Transportation  
Kentucky Department for Environmental Protection - Division of Water  
Anderson County Fiscal Court

V. **COST ESTIMATE**

TABLE 1

PRELIMINARY PROJECT COST ESTIMATE  
PHASE 5 EXPANSION PROJECT  
SOUTH ANDERSON WATER DISTRICT  
LAWRENCEBURG, KENTUCKY

Construction Cost Estimate	\$ 1,678,088.75
Contingency	167,816.25
Engineering (Basic)	145,250.00
Construction Inspection	84,675.00
Other Engineering (Geotechnical, Archaeological, Surveying, Preliminary Engineering Report)	15,000.00
Legal	35,000.00
Land and Rights	10,000.00
Interest	30,000.00
Administration/Planning	40,000.00
<b>TOTAL</b>	<b>\$ 2,205,830.00</b>

VI. **FEASIBILITY STUDY**

It is anticipated that this project will be funded with tap fees; local, district and county contributions, a loan and a grant. This section contains an economic feasibility analysis to determine the affect of additional borrowing on the District's financial integrity and the need for a rate adjustment. The District supplied computer generated billing data for calendar year July 1, 1997 through June 30, 1998 from which the billing analysis was perpared. The annual operating budget was developed adjusting the 1997 Annual PSC Report and Audit for the additional customers, inflation, employee pay raises, etc.



**VII. EXPENSES**

**Operation and Maintenance Expense**

**TABLE 2**

**PROJECTED OPERATION AND MAINTENANCE EXPENSE**

Salaries, Wages, Taxes and Benefits .....	\$ 120,000.00
Repairs .....	3,000.00
Insurance .....	7,000.00
Utilities (Operating and Office) .....	17,500.00
Materials and Supplies (Operating and Office) .....	31,000.00
Professional Fees .....	20,000.00
Transportation Expense .....	10,000.00
Miscellaneous .....	8,500.00
P.S.C. Assessment .....	1,000.00
Rental of Building .....	6,000.00
Water Testing .....	1,200.00
Water Purchases .....	<u>172,500.00</u>
<b>TOTAL .....</b>	<b>\$ 397,700.00</b>

**Capital Improvements.** In order to serve planned development at the higher elevations in the KY 44 - US 62 - US 127 Bypass area, the District is currently planning to build a new standpipe and booster pump station in this area. The land for the standpipe has been obtained and construction is scheduled to start in January 1999 with completion by May 1, 1999. The District will pay for the improvements by borrowing approximately \$200,000.00 and taking the remainder (\$160,000.00) from their existing funds. It is anticipated that the necessary funding can be obtained locally at a rate of 7% or less for a period of 20 years. The existing rates can support this loan without compromising the integrity of the District.

**PENDING CAPITAL IMPROVEMENT  
DEBT SERVICE**

\$200,000.00 loan @ 7% / 20 years: \$200,000.00 (0.09439)	
	= 18,878.00
5% Debt Coverage	= <u>944.00</u>
<b>TOTAL</b>	<b>\$ 19,822.00/year</b>

**Debt Repayments**

TABLE 3

EXISTING DEBT SERVICE REQUIREMENTS

<u>Bond Issue</u>	<u>Balance As of Jan. 1, 2000</u>	<u>Interest Rate</u>
1975	\$ 129,000	5%
1981	39,000	5%
1988 Series A	604,000	6.875%
1988 Series B	128,000	7.375%
1993	<u>628,000</u>	5.5%
	\$1,528,000	

PRINCIPAL MATURITIES - JANUARY 1

<u>Bond Issue</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
1975	6,000	7,000	7,000	7,000	7,000
1981	1,000	1,000	1,000	1,000	1,000
1988-A	7,000	8,000	8,000	9,000	9,000
1988-B	1,000	1,000	2,000	2,000	2,000
1993	<u>6,000</u>	<u>7,000</u>	<u>7,000</u>	<u>8,000</u>	<u>8,000</u>
	21,000	24,000	25,000	27,000	27,000

5 - Year Average = 24,800.00

**Interest on Long Term Debt**

<u>Bond Issue</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
1975	\$6,450.00	\$6,150.00	\$5,800.00	\$5,450.00	\$5,100.00
1981	1,950.00	1,900.00	1,850.00	1,800.00	1,750.00
1988-A	41,525	41,043.75	40,493.75	39,943.75	39,325.00
1988-B	9,400.00	9,366.25	9,292.50	9,145.00	8,997.50
1993	<u>34,540.00</u>	<u>34,210.00</u>	<u>33,825.00</u>	<u>33,440.00</u>	<u>33,000.00</u>
	\$93,905.00	\$96,670.00	\$91,261.25	\$89,778.75	\$88,172.50

5 - Year Average = \$91,157.50

5-Year Average Principal Plus Interest Payment	=	\$115,957.50
10% Debt Coverage	=	<u>11,595.75</u>
Total Existing Debt Service	=	\$127,553.25

**Depreciation - Existing/Planned Facilities**

Existing Utility Plant* - (\$2,758,848.00 + 45)	=	\$ 61,307.73
Proposed US62/US127 BPS & Standpipe = \$360,000 + 45	=	8,000.00
Proposed Phase 5 Project - \$2,205,830.00 + 45	=	<u>49,018.44</u>
TOTAL	=	\$ 118,326.18

**Proposed Phase 5 Project Debt Repayment**

\$1,088,330.00 Loan @ 5% - \$1,088,330.00 (0.05928)	=	\$64,516.20
10% Debt Coverage	=	<u>6,451.60</u>
		\$70,967.80

**Total Yearly Expenses**

Operation and Maintenance .....	\$396,700.00
Capital Improvements .....	19,822.00
Existing Debt .....	127,553.25
Depreciation .....	118,326.18
Proposed Project Debt Repayment .....	<u>70,967.80</u>
TOTAL .....	\$733,369.23

\*From 1997 Audit

TABLE 4  
BILLING ANALYSES

	July, 1997 thru June 1998		(<20,000)		Added Bills	Added Gallons	Adjusted	
	Bills	Gallons	% Bills	% Gallons			Billing Bills	Analysis Gallons
First 2,000	3,475	3,437,790	21.1	4.6	1,162	1,149,285	4,637	4,587,075
Next 1,000	2,451	6,307,900	14.9	8.4	820		3,271	8,406,600
Next 2,000	4,714	18,914,400	28.6	25.3	1,576		6,290	25,235,500
Next 2,000	2,994	17,769,300	18.1	23.8	1,001		3,995	23,715,600
Next 3,000	1,937	15,965,100	11.7	21.4	648	5,346,700	2,585	21,311,800
10,000 - 20,000	<u>933</u>	<u>12,305,400</u>	<u>5.7</u>	<u>16.5</u>	<u>312</u>	<u>4,122,400</u>	<u>1,245</u>	<u>16,427,800</u>
	16,504	74,699,890			5,520	24,984,485	22,023	99,684,375
20,000 - 30,000	134	3,235,100					134	3,235,100
30,000 - 50,000	82	3,038,400					82	3,038,400
50,000 - 100,000	62	4,730,400					62	4,730,400
> 100,000	<u>36</u>	<u>7,768,800</u>					<u>36</u>	<u>7,768,800</u>
	16,818	93,472,590					22,337	118,457,075

\*Added Bills =  $(59)^{1/2} + 1998-2000 \text{ Growth} + 1/2 (2000 \text{ Growth}) + \text{Project 12}$   
 $= (1/2 (59) + 59 + 59 + 342) 12 = 460 \times 12 = 5,520$   
 Distribute assuming all use in 0-20,000 gallon range.

TABLE 5

GENERATION OF REVENUE TABLES

	Bills	1,000 gal.	First 2,000	Next 1,000	Next 2,000	Next 2,000	Next 3,000	>10,000
2,000	4,637	4,587,075	4,587,075					
1,000	3,271	8,406.6	6,542	1,864.6				
2,000	6,290	25,235.5	12,580.0	6,290.0	6,365.5			
2,000	3,995	23,715.6	7,990.	3,995.	7,990.	3,740.6		
3,000	2,585	21,311.8	5,170.	2,585.	5,170.	5,170.	3,216.8	
>10,000	<u>1,559</u>	<u>32,200.5</u>	<u>3,118.0</u>	<u>1,559</u>	<u>3,118.</u>	<u>3,118.</u>	<u>4,677.</u>	<u>19,610.5</u>
	22,337	118,457.075	39,987,075	16,293.6	22,643.5	12,028.6	7,893.8	19,610.5

TABLE 6

	Bill	(1,000) Gallons	Existing Rates		Proposed Rates	
			Rate	Revenue	Rate	Revenue
Minimum	22,337	-	11.35	\$253,524.95	\$ 12.50	\$279,212.50
Next 1,000		16,293.6	5.5	90,429.48	6.10	99,390.96
Next 2,000		22,643.5	4.70	106,424.45	5.15	116,614.02
Next 2,000		12,028.6	3.85	46,310.11	4.25	51,121.55
Next 3,000		7,893.8	3.00	23,681.40	3.30	26,049.54
> 10,000		19,610.5	2.70	52,948.35	3.00	58,831.50
				\$573,318.74		\$631,220.07
Bulk Station		4,000	3.47	<u>13,888.00</u>	3.80	<u>15,200.00</u>
				\$587,198.74		\$646,420.07

TOTAL REVENUES

Sale of Water	\$646,420.07
Service Fees	15,000.00
Interest on Accounts	<u>10,000.00</u>
Total Revenues	\$671,420.07

**IX. CONCLUSIONS AND RECOMMENDATIONS**

**Conclusions**

- A. A majority of the residents in the proposed project area do not have an acceptable domestic water source. Also a health hazard exists due to the contamination of many of the sources currently being used.
- B. The extension of the South Anderson Water District water distribution system into the area is the only viable means of providing them with an acceptable water source.
- C. Significant grant funds will be required for construction in order to keep the rate schedule at a tolerable level.
- D. The financial feasibility indicates that the South Anderson Water District cannot serve the proposed project area on the existing rates without seriously jeopardizing the financial integrity of the operations even with the requested \$1,000,000.00 CDBG grant. The rates proposed herein are sufficient to cover operating expenses, debt service, debt service coverage, bond resolution depreciation reserve funding and provide some net unobligated monies. The revenues are not sufficient to cover the full amount of depreciation allowed in the rate base. The grant is necessary to allow the District to operate comfortably.

**Recommendations**

The project, as presented herein, is feasible with the assumed level of grant and the proposed rates. This will enable the District to accumulate a reasonable amount of monies which could be used to facilitate additional extensions and/or defray unforeseen expenses. An application should be made to Rural Development for loan funds to construct the water system improvements proposed herein.

**Project Funding:**

Community Development Block Grant .....	\$ 1,000,000.00
Rural Development Loan .....	1,088,330.00
Tap Fees .....	61,500.00
Water District and Anderson County Fiscal Court .....	<u>56,000.00</u>
Total .....	<b>\$2,205,830.00</b>

**SUMMARY ADDENDUM**  
*to*  
**PRELIMINARY ENGINEERING REPORT**

**DATED** SEPTEMBER, 1998

*for*

**SOUTH ANDERSON WATER DISTRICT**  
(NAME OF WATER FACILITY PROJECT)

**APPLICANT CONTACT PERSON** ALTON WARFORD, MANAGER

**APPLICANT PHONE NUMBER** (502) 839-6919

In order to avoid unnecessary delays in application processing, the applicant and its consulting engineer should prepare a summary of the preliminary engineering report in accordance with this Guide. Feasibility reviews and grant determinations may be processed more accurately and more rapidly if the Summary Addendum is submitted simultaneously with the preliminary engineering report, or as soon thereafter as possible.

**I. GENERAL**

- A. Area to be served: In addition to this summary, the applicant/engineer should submit a project map of the service area showing the following:
1. Existing Facilities - Location and Size.
  2. Proposed Facilities - Location and Size.
  3. New User Location - Also attach a list of new users, by road.
  4. Breakdown of project cost for each branch line.

## II. FACILITY CHARACTERISTICS OF EXISTING WATER SYSTEM

- A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.

South Anderson Water District (SAWD) currently has a contract with the City of Lawrenceburg for up to 10,000,000 gallons per month. In the past, this amount has been exceeded during months of high usage. This contract does not expire until 2037. With this project, SAWD proposes to run a transmission line to the Frankfort Plant Board facilities on US 127 south of I-64 in Franklin County. A contract has not yet been entered into with the Plant Board, however they have indicated a desire to sell the District as much water as they will take. The Frankfort plant has a capacity of 18 mgd and even on a peak day is operating at less than 2/3 capacity.

If the applicant purchases water:

Seller(s): City of Lawrenceburg; Frankfort Plant Board

Price/1,000 gallons: \$1,208; \$1,288

Present Estimated Market Value of Existing System: \$2,500,000.00

- B. Water Storage:

Type: Ground Storage Tank 0 Elevated Tank 0  
Standpipe 4 Other None

Number of Storage Structures 4

Total Storage Volume Capacity 431,000

Date Storage Tank(s) Constructed 1-1994, 2-1988, 1-1976

- C. Water Distribution System:

Pipe Material PVC, PE, D.I.

Lineal Feet of Pipe:	3" Diameter	19,500	4"	180,500
	6"	273,500	8"	37,000
			10"	
				12"

Date(s) Water Lines Constructed Major extensions 1976, 1983, 1988 & 1994

Number and Capacity of Pump Station(s) 3 @ 100 gpm





V. NUMBER OF EXISTING USERS (As of December, 1997)

A. Water Users:

Residential Size Meters (In Town)*	0
Residential Size Meters/Farmers (Out of Town)*	1389
Larger Users (Larger than 5/8" Meter (In Town))	0
Larger Users (Larger than 5/8" Meter (Out of Town))	25
Total	1,414
Number of Total Potential Users Living in the Service Area	approx. 1570

\*NOTE: Residential/Farmers Users: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residence size meters and farmers.

VI. CURRENT CONNECTION FEES FOR EACH SIZE METER CONNECTION

METER SIZE	CONNECTION FEE	MINIMUM WATER USAGE FOR EACH SIZE METER
5/8" x 3/4"	\$500.00	2,000 gallons
1-Inch	\$ Cost	2,000 gallons
1-1½" Inch	\$ Cost	2,000 gallons
2-Inch	\$ Cost	2,000 gallons
3-Inch	\$ Cost	2,000 gallons
4-Inch	\$ Cost	2,000 gallons
5-Inch	\$ Cost	2,000 gallons
6-Inch	\$ Cost	2,000 gallons

## VII. WATER RATES - EXISTING RATE SCHEDULE

Date this rate went into effect: 2/15/97

Meter Size	All	:		
First	2,000	Gallons @	\$11.35	minimum
Next	1,000	Gallons @	\$5.55	per 1,000 gallons
Next	2,000	Gallons @	\$4.70	per 1,000 gallons
Next	2,000	Gallons @	\$3.85	per 1,000 gallons
Next	3,000	Gallons @	\$3.00	per 1,000 gallons
Next		Gallons @	\$	per 1,000 gallons
All Over	10,000	Gallons @	\$2.70	per 1,000 gallons

Bulk Loading Station @ \$3.47 per 1,000 gallons

Meter Size	:		
First	Gallons @	\$	minimum
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
All Over	Gallons @	\$	per 1,000 gallons

Meter Size	:		
First	Gallons @	\$	minimum
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
Next	Gallons @	\$	per 1,000 gallons
All Over	Gallons @	\$	per 1,000 gallons

**VII. EXISTING RATE SCHEDULE (Continued)**

Meter Size \_\_\_\_\_ :

First	_____ Gallons @	\$ _____	minimum
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
All Over	_____ Gallons @	\$ _____	per 1,000 gallons

Meter Size \_\_\_\_\_ :

First	_____ Gallons @	\$ _____	minimum
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
Next	_____ Gallons @	\$ _____	per 1,000 gallons
All Over	_____ Gallons @	\$ _____	per 1,000 gallons

**VIII. ANALYSIS OF ACTUAL WATER USAGE -EXISTING SYSTEM -12 MONTH PERIOD**

For Period July, 1997 to July, 1998

Meter Size	Monthly Water Usage			Average	Residential/Farmer		Non-Residential/Commercial	
					No. of Users	Usage (1000)	No. of Users	Usage (1000)
All	0	-	2,000 Gal.	1,000	3,409	3,409	66	66
	2,000	-	3,000 Gal.	2,500	2,414	6,035	37	92.5
	3,000	-	4,000 Gal.	3,500	2,476	8,666	37	129.5
	4,000	-	5,000 Gal.	4,500	2,185	9,832.5	16	72
	5,000	-	6,000 Gal.	5,500	1,735	9,542.5	18	99
	6,000	-	7,000 Gal.	6,500	1,227	7,975.5	14	91
	7,000	-	8,000 Gal.	7,500	917	6,877.5	8	60
	8,000	-	9,000 Gal.	8,500	594	5,049	8	68
	9,000	-	10,000 Gal.	9,500	400	3,800	10	95
	10,000	-	11,000 Gal.	10,500	238	2,499	7	73.5
	11,000	-	12,000 Gal.	11,500	170	1,955	7	80.5
	12,000	-	13,000 Gal.	12,500	133	1,662.5	3	37.5
	13,000	-	14,000 Gal.	13,500	82	1,107	2	27
	14,000	-	15,000 Gal.	14,500	85	1,232.5	2	29
	15,000	-	16,000 Gal.	15,500	56	868	3	46.5
	16,000	-	17,000 Gal.	16,500	46	759	1	16.5
	17,000	-	18,000 Gal.	17,500	35	612.5	2	35
	18,000	-	19,000 Gal.	18,500	28	518	3	55.5
	19,000	-	20,000 Gal.	19,500	29	565.5	1	19.5
	20,000	-	30,000 Gal.	25,000	129	3,225	5	125
30,000	-	50,000 Gal.	40,000	71	2,840	11	440	
50,000	-	100,000 Gal.	75,000	62	4,650	0	0	
		Over 100,000 Gal.	-		36	7,769	0	0
				Subtotal	(16,557)	(91,450)	( 261)	(1,758.5)
				Average Usage		(5.52)		(6.74)

Total Users = 16,818  
 Total Usage = 93,208.5  
 Combined Avg. Usage = 5.54

1-Inch	_____ Gal.		
	_____ Gal.		
	_____ Gal.		
	_____ Gal.		
	_____ Gal.		
	Subtotal	( )	( )

1-1/2 Inch	_____ Gal.		
	_____ Gal.		
	_____ Gal.		
	_____ Gal.		
	_____ Gal.		
	Subtotal	( )	( )

**VIII. CONTINUED.....**

Meter Size	Monthly Water Usage	Average	Residential/Farmer		Non-Residential/ Commercial	
			No. of Users	Usage (1000)	No. of Users	Usage (1000)
2-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
3-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
4-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
5-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
6-Inch	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
	_____ Gal.					
		Subtotal	( )	( )	( )	( )
		TOTAL	( )	( )	( )	( )
Total Water Purchased and/or Produced						108,053,000
Total Water Sold			91,450,000		1,758,500	
			93,208,500			

**IX. FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM**

A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.

With this project, SAWD proposes to run a transmission line to the Frankfort Plant Board facilities on US 127 south of I-64 in Franklin County to supplement the water purchased from the City of Lawrenceburg (See II.A page 2). A contract has not yet been entered into with Frankfort however they have expressed a desire to sell the District as much water as they will take.

B. Water Storage:

Type: Ground Storage Tank -          Elevated Tank -           
 Standpipe -          Other          None           
 Number of Storage Structures -           
 Total Storage Volume Capacity          -           
 Date Storage Tank(s) Constructed          -         

C. Water Distribution System:

Pipe Material	PVC & D.I.			
Lineal Feet of Pipe:	3" Diameter	10,800	4"	239,325
	6"	8"	24,500	10"
				12"
Date(s) Water Lines Constructed	1999			
Number and Capacity of Pump Station(s)	1 @ 100 gpm			

**X. LAND AND RIGHTS - PROPOSED WATER SYSTEM(S)**

Number of Treatment Plant Sites	<u>        </u> 0 <u>        </u>
Number of Pump Sites	<u>        </u> 1 <u>        </u>
Number of Other Sites	<u>        </u> 0 <u>        </u>
Total Acreage	<u>        </u> 0.05 Acres <u>        </u>
Purchase Price	<u>        </u> \$ 1,000.00 <u>        </u>

## XI. NUMBER OF NEW USERS

### A. Water Users:

Residential Size Meters (In Town)*	0
Residential Size Meters/Farmers (Out of Town)*	<u>342</u>
Larger Users (Larger than 5/8" Meter (In Town))	<u>0</u>
Larger Users (Larger than 5/8" Meter (Out of Town))	<u>0</u>
Total	<u>342</u>
Number of Total Potential Users Living in the Service Area	<u>approx. 400</u>

\*NOTE: Residential/Farmers Users: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residence size meters and farmers.

## XII. PROPOSED CONNECTION FEES FOR EACH SIZE METER CONNECTION

METER SIZE	CONNECTION FEE	MINIMUM WATER USAGE FOR EACH SIZE METER
<u>5/8" x 3/4"</u>	<u>\$500.00</u>	<u>2,000 gallons</u>
<u>1-Inch</u>	<u>\$ Cost</u>	<u>2,000 gallons</u>
<u>1-1½" Inch</u>	<u>\$ Cost</u>	<u>2,000 gallons</u>
<u>2-Inch</u>	<u>\$ Cost</u>	<u>2,000 gallons</u>
<u>3-Inch</u>	<u>\$ Cost</u>	<u>2,000 gallons</u>
<u>4-Inch</u>	<u>\$ Cost</u>	<u>2,000 gallons</u>
<u>5-Inch</u>	<u>\$ Cost</u>	<u>2,000 gallons</u>
<u>6-Inch</u>	<u>\$ Cost</u>	<u>2,000 gallons</u>

### **XIII. WATER RATES - PROPOSED**

#### **A. Proposed Rate Schedule:**

First	<u>2,000</u>	Gallons @	<u>\$12.50</u>	minimum
Next	<u>1,000</u>	Gallons @	<u>\$6.10</u>	per 1,000 gallons
Next	<u>2,000</u>	Gallons @	<u>\$5.15</u>	per 1,000 gallons
Next	<u>2,000</u>	Gallons @	<u>\$4.25</u>	per 1,000 gallons
Next	<u>3,000</u>	Gallons @	<u>\$3.30</u>	per 1,000 gallons
Next	<u>-</u>	Gallons @	<u>\$</u>	per 1,000 gallons
All Over	<u>10,000</u>	Gallons @	<u>\$3.00</u>	per 1,000 gallons

IF MORE THAN ONE RATE, USE ADDITIONAL SHEETS.

Bulk Loading Station @ \$3.80/1,000 gallons



**XIV. FORECAST OF WATER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS**

Meter Size	Monthly Water Usage		Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
					No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
5/8 x 3/4 Inch	0	- 2,000 Gal.	1,000	12.50	3,706	3,706	46,325.00	66	66	825
	2,000	- 3,000 Gal.	2,500	15.55	2,624	6,560	40,803.20	37	92.5	575.35
	3,000	- 4,000 Gal.	3,500	21.175	2,692	9,422	57,003.10	37	129.5	783.48
	4,000	- 5,000 Gal.	4,500	26.325	2,375	10,687.5	62,521.88	16	72	421.20
	5,000	- 6,000 Gal.	5,500	31.025	1,886	10,373	58,513.15	18	99	558.45
	6,000	- 7,000 Gal.	6,500	35.275	1,334	8,671	47,056.85	14	91	493.85
	7,000	- 8,000 Gal.	7,500	39.050	997	7,477.5	38,932.85	8	60	312.40
	8,000	- 9,000 Gal.	8,500	42.35	646	5,491	27,358.10	8	68	338.80
	9,000	- 10,000 Gal.	9,500	45.65	435	4,132.5	19,357.50	10	95	456.50
	10,000	- 11,000 Gal.	10,500	48.80	259	2,719.5	12,639.20	7	73.5	341.60
	11,000	- 12,000 Gal.	11,500	51.80	185	2,127.5	9,583.00	7	80.5	362.60
	12,000	- 13,000 Gal.	12,500	54.80	145	1,812.5	7,946.00	3	37.5	164.40
	13,000	- 14,000 Gal.	13,500	57.80	89	1,201.5	5,144.20	2	27.0	115.60
	14,000	- 15,000 Gal.	14,500	60.80	92	1,334	5,593.60	2	29	121.60
	15,000	- 16,000 Gal.	15,500	63.80	61	945.5	3,891.80	3	46.5	191.40
	16,000	- 17,000 Gal.	16,500	66.80	50	825	3,340.00	1	16.5	66.80
	17,000	- 18,000 Gal.	17,500	69.80	38	665	2,652.40	2	35	139.60
	18,000	- 19,000 Gal.	18,500	72.80	30	555	1,674.00	3	55.5	218.40
	19,000	- 20,000 Gal.	19,500	75.80	32	624	2,425.60	1	19.5	75.80
	20,000	- 30,000 Gal.	25,000	92.30	129	3,225	11,906.70	5	125	461.50
30,000	- 50,000 Gal.	40,000	137.30	71	2,840	9,748.30	11	440	1,510.30	
50,000	- 100,000 Gal.	75,000	242.30	62	4,650	15,022.60	-	-	-	
Over 100,000	Gal.				36	7,769	23,929.80	-	-	-
Subtotal					(17,974)	(97,814)	(513,368.83)	(261)	(1,758.5)	(8,534.63)

Average Monthly Rate ( 28.62 )  
Average Monthly Usage

(5,440)

(6.74)

1-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
Subtotal					( )	( )	( )	( )	( )	( )

1-1/2 Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____	_____
Subtotal					( )	( )	( )	( )	( )	( )

**XIV. CONTINUED.....**

Meter Size	Monthly Water Usage	Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
				No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
2-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
3-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
4-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
5-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
6-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
		TOTALS		( )	( )	( )	( )	( )	( )

**XV. FORECAST OF WATER USAGE - INCOME - NEW USERS - EXTENSION ONLY**

Meter Size	Monthly Water Usage		Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
					No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
	0	- 2,000 Gal.	1,000	12.50	852	852	10,650.00			
	2,000	- 3,000 Gal.	2,500	15.55	612	1,530	9,516.60			
	3,000	- 4,000 Gal.	3,500	21.175	612	2,142	12,959.10			
	4,000	- 5,000 Gal.	4,500	26.325	540	2,430	14,215.50	12	54	315.90
	5,000	- 6,000 Gal.	5,500	31.025	432	2,376	13,402.80			
	6,000	- 7,000 Gal.	6,500	35.275	312	2,028	11,005.80			
8 x 3/4 Inch	7,000	- 8,000 Gal.	7,500	39.050	228	1,710	8,151.00			
	8,000	- 9,000 Gal.	8,500	42.35	144	1,224	6,436.80			
	9,000	- 10,000 Gal.	9,500	45.65	108	1,026	4,930.20			
	10,000	- 11,000 Gal.	10,500	48.80	60	630	2,928.00			
	11,000	- 12,000 Gal.	11,500	51.80	48	552	2,486.40			
	12,000	- 13,000 Gal.	12,500	54.80	36	450	1,972.80			
	13,000	- 14,000 Gal.	13,500	57.80	24	324	1,135.20			
	14,000	- 15,000 Gal.	14,500	60.80	24	348	1,459.20			
	15,000	- 16,000 Gal.	15,500	63.80	12	186	765.60			
	16,000	- 17,000 Gal.	16,500	66.80	12	198	801.60			
	17,000	- 18,000 Gal.	17,500	69.80	12	210	837.60			
	18,000	- 19,000 Gal.	18,500	72.80	12	222	873.60			
	19,000	- 20,000 Gal.	19,500	75.80	12	234	909.60			
		20,000	- 30,000 Gal.	25,000	92.30	-	-			
	30,000	- 50,000 Gal.	40,000	137.30	-	-				
	50,000	- 100,000 Gal.	75,000	242.30	-	-				
	Over 100,000	Gal.			-	-				
Subtotal					(4,092)	(18,672)	(105,437.40)	(12)	( 54)	(315.90)
Average Monthly Rate					( 25.77)					
Average Monthly Usage					(4,560)			(4,500)		

1-Inch	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
		Subtotal			( )	( )	( )	( )	( )	( )

1-1/2 Inch	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____ Gal.	_____	_____	_____	_____	_____	_____	_____	_____
		Subtotal			( )	( )	( )	( )	( )	( )

**XV. CONTINUED.....**

Meter Size	Monthly Water Usage	Average	Average Rate	Residential/Farmer			Non-Residential/Commercial		
				No. of Users	Usage (1000)	Income	No. of Users	Usage (1000)	Income
2- Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
3- Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
4-Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
5- Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
6- Inch	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
	_____	Gal.	_____	_____	_____	_____	_____	_____	_____
		Subtotal		( )	( )	( )	( )	( )	( )
		TOTALS		( )	( )	( )			

**XVI. CURRENT OPERATING BUDGET - (As of the last full operating year-1997)**

**A. Operating Income:**

Water Sales	<u>\$446,369.00</u>
Disconnect/Reconnect/Late Charge Fees	<u>13,377.00</u>
Other (Describe)	<u>                    </u>
Less Allowances and Deductions	<u>(                    )</u>
Total Operating Income.....	<u>\$459,746.00</u>

**B. Operation and Maintenance Expenses:**

(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

Source of Supply Expense	<u>\$126,062.00</u>
Pumping Expense	<u>6,176.00</u>
Water Treatment Expense	<u>933.00</u>
Transmission and Distribution Expense	<u>71,746.00</u>
Customer Accounts Expense	<u>330.00</u>
Administrative and General Expense	<u>104,834.00</u>
Total Operating Expenses.....	<u>\$10,081.00</u>
Net Operating Income.....	<u>\$149,665.00</u>

**C. Non-Operating Income:**

Interest on Deposits	<u>\$18,227.00</u>
Other (Identify)	<u>0.00</u>
Total Non-Operating Income.....	<u>\$18,227.00</u>

**D. Net Income .....** \$167,892.00

**E. Debt Repayment:**

FmHA Interest	<u>\$97,417.00</u>
FmHA Principal	<u>20,000.00</u>
Non-FmHA Interest	<u>0.00</u>
Non-FmHA Principal	<u>0.00</u>
Total Debt Repayment.....	<u>\$117,417.00</u>

**F. Balance Available for Coverage and Depreciation.....** \$ 50,475.00

**XVII. PROPOSED OPERATING BUDGET - EXISTING & NEW USERS**

(1st Full Year of Operation)

Year Ending Dec. 31, 2000

**A. Operating Income:**

*Water Sales*	<u>\$627,656.76</u>
Disconnect/Reconnect/Late Charge Fees	<u>15,000.00</u>
Other (Describe)	<u>                    </u>
Less Allowances and Deductions	<u>(                    )</u>
Total Operating Income.....	<u>\$642,656.76</u>

**B. Operation and Maintenance Expenses:**

(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

Source of Supply Expense	<u>\$172,500.00</u>
Pumping Expense	<u>10,000.00</u>
Water Treatment Expense	<u>1,200.00</u>
Transmission and Distribution Expense	<u>85,500.00</u>
Customer Accounts Expense	<u>500.00</u>
Administrative and General Expense	<u>128,500.00</u>
Total Operating Expenses.....	<u>\$398,200.00</u>
Net Operating Income.....	<u>\$244,456.76</u>

**C. Non-Operating Income:**

Interest on Deposits	<u>\$10,000.00</u>
Other (Identify)	<u>                    </u>
Total Non-Operating Income.....	<u>                    </u>

**D. Net Income .....** \$254,456.76

**E. Debt Repayment:**

FmHA Interest	<u>\$148,321.50</u>
FmHA Principal	<u>21,000.00</u>
Non-FmHA Interest	<u>14,000.00</u>
Non-FmHA Principal	<u>20,000.00</u>
Total Debt Repayment.....	<u>\$196,321.50</u>

**F. Balance Available for Coverage and Depreciation.....** \$ 58,135.26

**XVIII. PROPOSED OPERATING BUDGET - NEW USERS - EXTENSION ONLY**

(1st Full Year of Operation)

Year Ending Dec. 31, 2000

**A. Operating Income:**

Water Sales	<u>\$105,753.30</u>
Disconnect/Reconnect/Late Charge Fees	<u>3,000.00</u>
Other (Describe)	<u>0.00</u>
Less Allowances and Deductions	<u>( )</u>
Total Operating Income.....	<u>\$108,753.30</u>

**B. Operation and Maintenance Expenses:**

(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

Source of Supply Expense	<u>\$26,750.00</u>
Pumping Expense	<u>2,000.00</u>
Water Treatment Expense	<u>240.00</u>
Transmission and Distribution Expense	<u>17,100.00</u>
Customer Accounts Expense	<u>100.00</u>
Administrative and General Expense	<u>25,700.00</u>
Total Operating Expenses.....	<u>\$71,890.00</u>
Net Operating Income.....	<u>\$36,863.30</u>

**C. Non-Operating Income:**

Interest on Deposits	<u>\$2,000.00</u>
Other (Identify)	<u>          </u>
Total Non-Operating Income.....	<u>2,000.00</u>

**D. Net Income .....** \$38,863.30

**E. Debt Repayment:**

FmHA Interest	<u>\$54,416.50</u>
FmHA Principal	<u>0.00</u>
Non-FmHA Interest	<u>          </u>
Non-FmHA Principal	<u>          </u>
Total Debt Repayment.....	<u>\$54,416.50</u>

**F. Balance Available for Coverage and Depreciation.....** \$<17,553.20>

**XIX. ESTIMATED PROJECT COST - WATER**

Development	\$1,678,088.75
Land and Rights	10,000.00
Legal	35,000.00
Engineering	229,925.00
Interest	30,000.00
Contingencies	167,816.25
Initial Operating and Maintenance	0.00
Other, Geotechnical & Site Surveys	55,000.00*
TOTAL	\$2,205,830.00

**XX. PROPOSED PROJECT FUNDING**

Applicant - User Connection Fees	\$61,500.00
Other Applicant Contribution	56,000.00
FmHA Loan	1,088,330.00
FmHA Grant	0.00
Other (Specify) CDBG Grant	1,000,000.00
Other (Specify)	
Other (Specify)	
Other (Specify)	
TOTAL	\$2,205,830.00

\*Includes \$32,500.00 for administration and \$7,500.00 for planning in conjunction with the CDBG Grant which are not eligible for RD Funding.



REQUEST FOR ENVIRONMENTAL INFORMATION

Name of Project  
Phase 5 Expansion  
Location  
Anderson & Franklin Cos.

Item 1a. Has a Federal, State, or Local Environmental Impact Statement or Analysis been prepared for this project?

Yes  No  Copy attached as EXHIBIT I-A.

1b. If "No," provide the information requested in Instructions as EXHIBIT I.

Item 2. The State Historic Preservation Officer (SHOP) has been provided a detailed project description and has been requested to submit comments to the appropriate FmHA Office.  Yes  No Date description submitted to SHPO Sept. 1, 1998

Item 3. Are any of the following land uses or environmental resources either to be affected by the proposal or located within or adjacent to the project site(s)? (Check appropriate box for every item of the following checklist).

	Yes	No	Unknown		Yes	No	Unknown
1. Industrial .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	18. Beaches .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Commercial .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19. Dunes .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Residential .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20. Estuary .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Agricultural .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21. Wetlands .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Grazing .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Floodplain .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Mining, Quarrying .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	23. Wilderness .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Forests .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>(designated or proposed under the Wilderness Act)</i>			
8. Recreational .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	24. Wild or Scenic River .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Transportation .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>(proposed or designated under the Wild and Scenic Rivers Act)</i>			
10. Parks .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	25. Historical, Archeological Sites .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Hospitals .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>(Listed on the National Register of Historic Places or which may be eligible for listing)</i>			
12. Schools .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	26. Critical Habitats .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Open spaces .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>(endangered/threatened species)</i>			
14. Aquifer Recharge Area .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	27. Wildlife .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Steep Slopes .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	28. Air Quality .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Wildlife Refuge .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	29. Solid Waste Management .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Shoreline .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	30. Energy Supplies .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				31. Natural Landmark .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<i>(Listed on National Registry of Natural Landmarks)</i>			
				32. Coastal Barrier Resources System .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Item 4. Are any facilities under your ownership, lease, or supervision to be utilized in the accomplishment of this project, either listed or under consideration for listing on the Environmental Protection Agency's List of Violating Facilities?  Yes  No

10-9-98  
(Date)

Signed: Bob Kuncin  
(Applicant)

Chairman, South Anderson Water District  
(Title)

**EXHIBIT I**  
**REQUEST FOR ENVIRONMENTAL INFORMATION**  
**FORM FMHA 1940-20**  
**SOUTH ANDERSON WATER DISTRICT**  
**PHASE 5 EXPANSION PROJECT**  
**LAWRENCEBURG, KENTUCKY**

1. Primary Beneficiaries

This project is being implemented to make potable water service available to approximately 400 households in rural Anderson County which presently do not have a public treated water source available to them. It is anticipated that approximately 342 of these will become initial users. While a reliable water service could possibly enhance the potential for industrial growth in the area, it is not anticipated that major developments will directly benefit from this project. One rural general store is expected to become a user.

2. Area Description

- A. Anderson County is located in the central Bluegrass region of Kentucky. The county seat is Lawrenceburg which is located in the eastern part of the county. The South Anderson Water District's service area covers the portion of the county south and west of Lawrenceburg and a small section of the county north and east of Lawrenceburg.

This project proposes to extend service into 14 areas of the County which are not currently being served. It will also include a connection to the Frankfort Plant Board distribution system providing an additional source of treated water to the District. The proposed project consists of approximately 239,325 feet of 6" and 10,800 feet of 3" distribution line, 24,500 feet of 8" transmission line, and one 300 gpm booster pump station. Also included are 342 individual services plus the normal water distribution accessories such as gate valves, air release valves and blow-off assemblies. The area to be affected by the booster pump station will be quite small (less than 1/10 acre). The proposed location of this facility is shown on the attached map.

- B. (2) Commercial - Any existing commercial establishments can be provided with a source of domestic water which was not previously available. The construction activities may have a minimal adverse effect which will not last past the completion of construction in the immediate area of the commercial facility.

(3) Residential - All residences along the water distribution lines will have a public water system available as their source of domestic water.

(4) Agricultural - There maybe minimal adverse affects such as fence removal during construction.

(5) Grazing - The same as (4) Agricultural above.

(7) Forests - There may be some minimal adverse affect on the small forests along the water line. There are no significant forests in the area. The water line will be routed away from established trees.

(9) Transportation - The water lines will basically be laid parallel to the roads and highways in the area and must by necessity cross underneath roads on occasion. There will be no significant impacts to the roads.

C. Attached in Exhibit II are 1) portions of the following USGS 7 1/2 minute topographic quadrangles with the project delineated: Chaplin, Glensboro, Ashbrook, Lawrenceburg, McBrayer, Tyrone, Frankfort-East, Frankfort-West and Salvisa. 2) The USDA-Soil Conservation Service Soil Survey maps with the lines indicated and 3) FEMA Flood Insurance Rate Maps. The only facilities located in areas of potential flooding will be the typical creek crossings.

3. Air Quality - Not applicable to this type of project.

4. Water Quality

A. The project will have very little, if any, impact on the existing surface and ground water quality in the area . Accordingly, no data is attached.

B. The water for this project will be purchased treated water from the cities of Lawrenceburg and Frankfort. The estimated daily water usage of the new users is 57,000 gallons.

C. No new discharge or effluents will be associated with the project.

D. Not applicable.

E. Not applicable.

F. No additional surface runoff is expected from the proposed project.

5. Solid Waste Management - Not applicable to this type of project.

6. Transportation

No new transportation patterns will be generated. The capacities of the existing facilities will not be exceeded. During construction, the increase in traffic will be minimal. After construction is completed, there will be no noticeable increase in traffic.

7. Noise

No noticeable noise will be associated with the project function.

8. Historic/Archaeological Properties

There are no known historical properties located within the project area.

9. Wildlife and Endangered Species

- A. The wildlife resources of the area are quite limited in that the project will be located primarily along the public roads near houses. No impact to wildlife is expected.
- B. No known endangered or threatened species or critical habitat exists in the project area.

10. Energy

The only energy needed to operate the proposed facilities is electrical power which will be supplied by the appropriate utility.

11. Construction

Standard construction techniques will be utilized in the construction of this project and these methods have been shown to provide little or no impact on such elements as soil erosion and sedimentation. All disturbed areas will be reseeded in a timely manner. There should be no significant adverse impact due to noise during construction.

12. Toxic Substances - Not applicable to this type project.

13. Public Reaction

- A. No objections have been made to the project.
- B. A public hearing has been held in conjunction with the CDBG application on this specific project. A copy of the minutes is given in Exhibit IV.
- C. A public meeting will be held by the District in the near future.

14. Alternatives to the Project

There are no alternatives to the proposed project which would provide the same benefits to the beneficiaries.

15. Mitigation Measures

Measures to be taken to mitigate environmental damage include, but will not be limited to minimum disturbance at any time, seeding as soon as possible, and avoiding undisturbed areas where possible.

16. Permits

- A. A permit for the activity will be required from the Kentucky Division of Water (sanitary features, stream crossings). The Kentucky Transportation Cabinet must approve all road bores under state highways. The project must also be approved by the Kentucky Public Service Commission. The U.S. Army Corps of Engineers will have to permit the major stream crossings.
- B. No permits have been obtained at this time.

17. Other Federal Actions

Not Applicable.

**ANDERSON COUNTY CDBG PUBLIC HEARING  
SOUTH ANDERSON WATER EXPANSION PROJECT  
AUGUST 18, 1998, 6:00 p.m.**

The Public Hearing was opened by Bryan Kirby of Community & Economic Development Associates, the Project Consultant. Mr. Kirby welcomed those in attendance and distributed an agenda for the hearing. After discussing all items on the agenda which related to the KYCDBG Program, he distributed a large map which indicated the location of the water lines the County and District were proposing to construct. Several residents of these areas asked about the size of lines, positioning, etc. which was addressed in full by Mr. Alton Warford, the Water District Manager. Mr. Wayne Todd asked about the source of water for the proposed areas since the City had publicly stated that the District would not be able to purchase more water from the City due to the capacities of the Water Treatment Plant. Mr. Warford and Mr. Kirby explained the bulk water purchase agreement and the provision of a 8" distribution line which would connect the District to the Frankfort Plant Board's system near the County line. There being no further questions or comments, the Public Hearing was adjourned by Mr. Kirby.

  
Bryan Kirby

# U.S. DEPARTMENT OF AGRICULTURE

## Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 7 CFR Part 3017, Section 3017.510, Participants' responsibilities. The regulations were published as Part IV of the January 30, 1989, Federal Register (pages 4722-4733). Copies of the regulations may be obtained by contacting the Department of Agriculture agency offering the proposed covered transaction.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- (a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - (b) have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - (d) have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

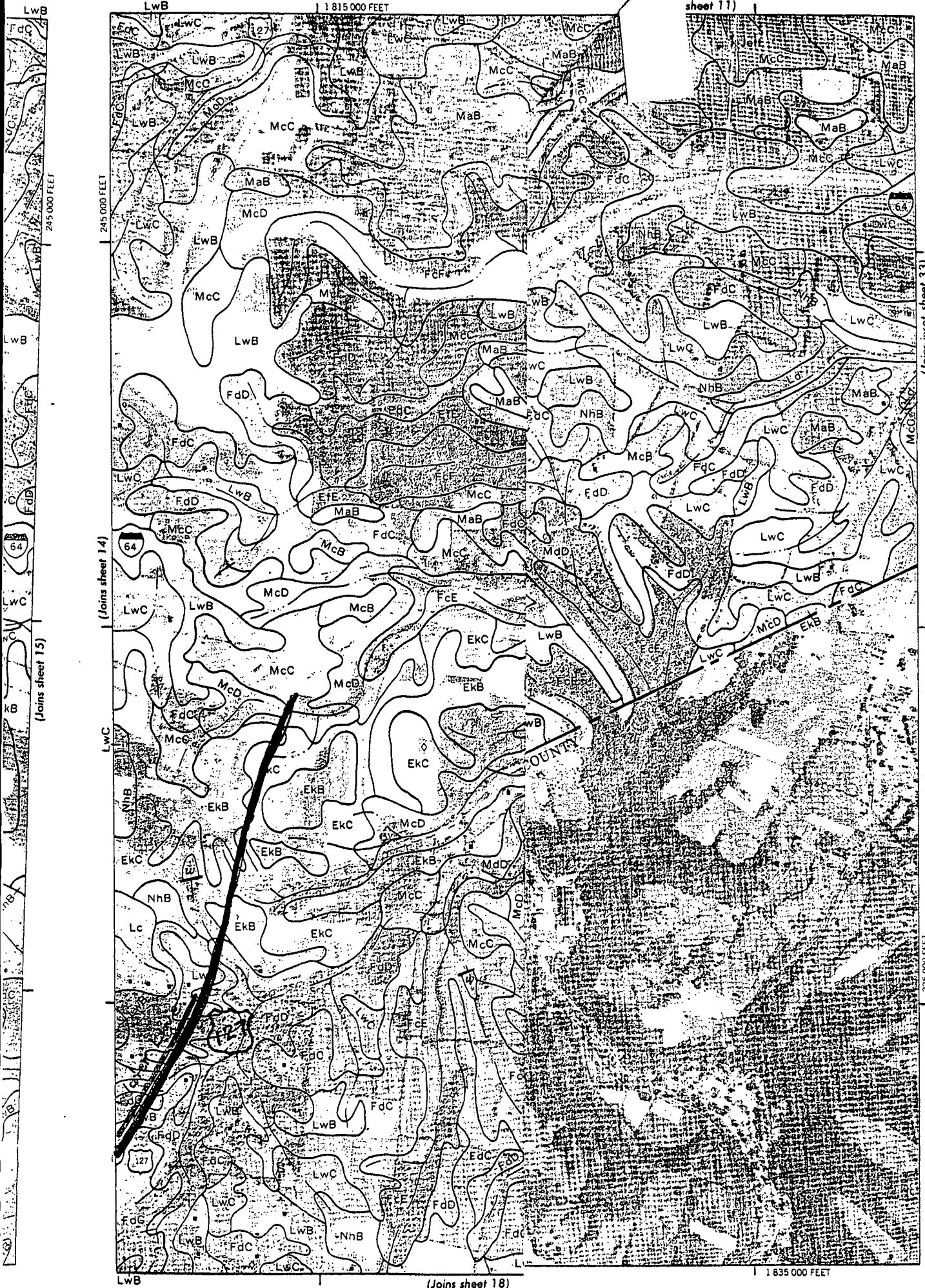
South Anderson Water District                      Phase 5 Expansion Project  
Organization Name    PR/Award Number or Project Name

Bob Kincer, Chairman  
Name and Title of Authorized Representative

Bob Kincer    10-9-98  
Signature    Date







(Joins inset, sheet 33)

5 000 Feet

1 Kilometer

Scale 1:20000

2 35 000 FEET

1 835 000 FEET

(Joins sheet 18)

(Joins sheet 14)

(Joins sheet 15)

sheet 11)

245 000 FEET

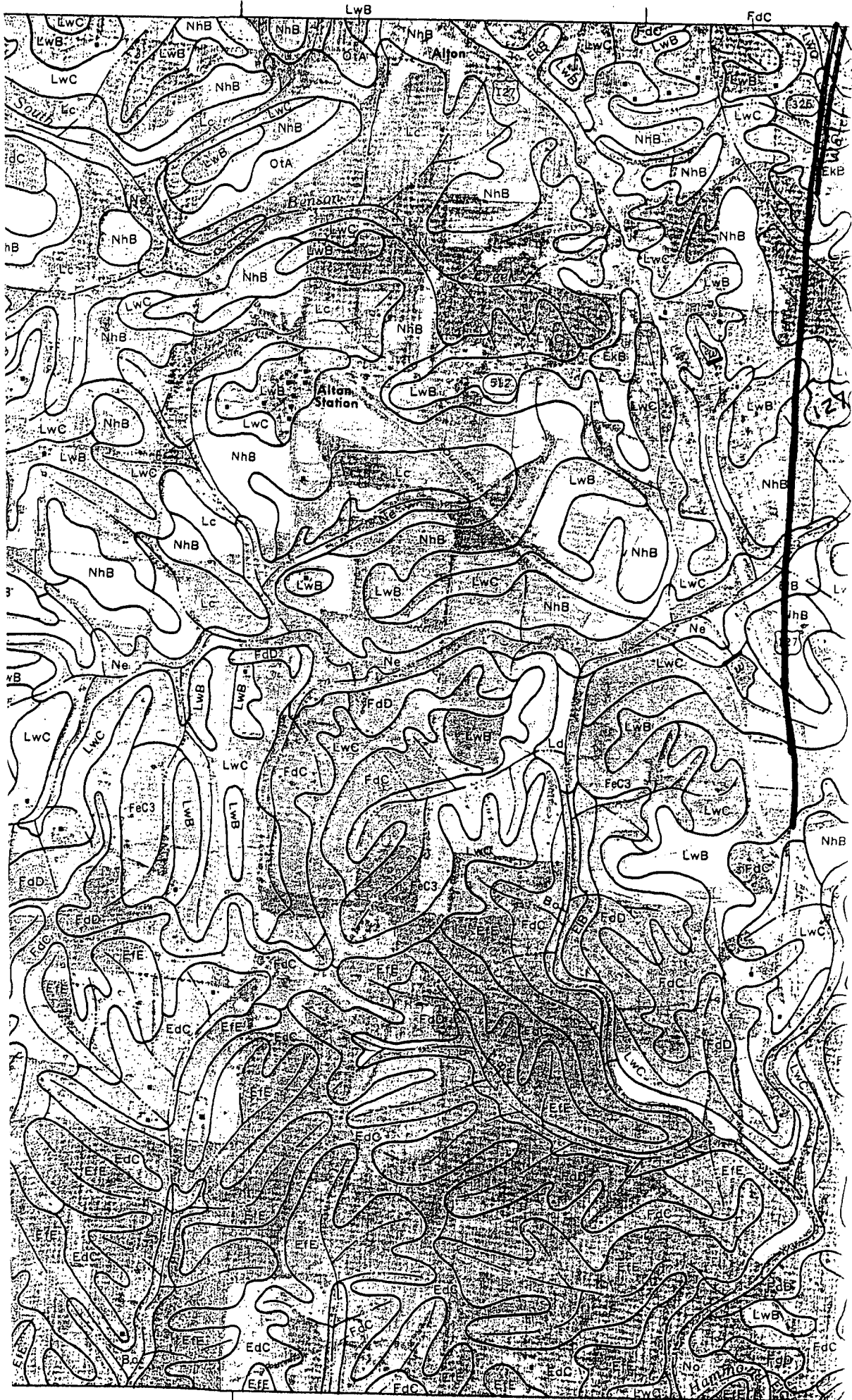
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(Joins sheet 20)

(Joins sheet 25)

This map is compiled on 1977 aerial photographs by the U.S. Department of Agriculture, Soil Conservation Service

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215 000 FEET

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SOUTH

















EfE

(Joins sheet 26)

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5 000 Feet

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155 000 FEET

SOLE RIDGE

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(Joins sheet 34)

EfE (Joins sheet 31)

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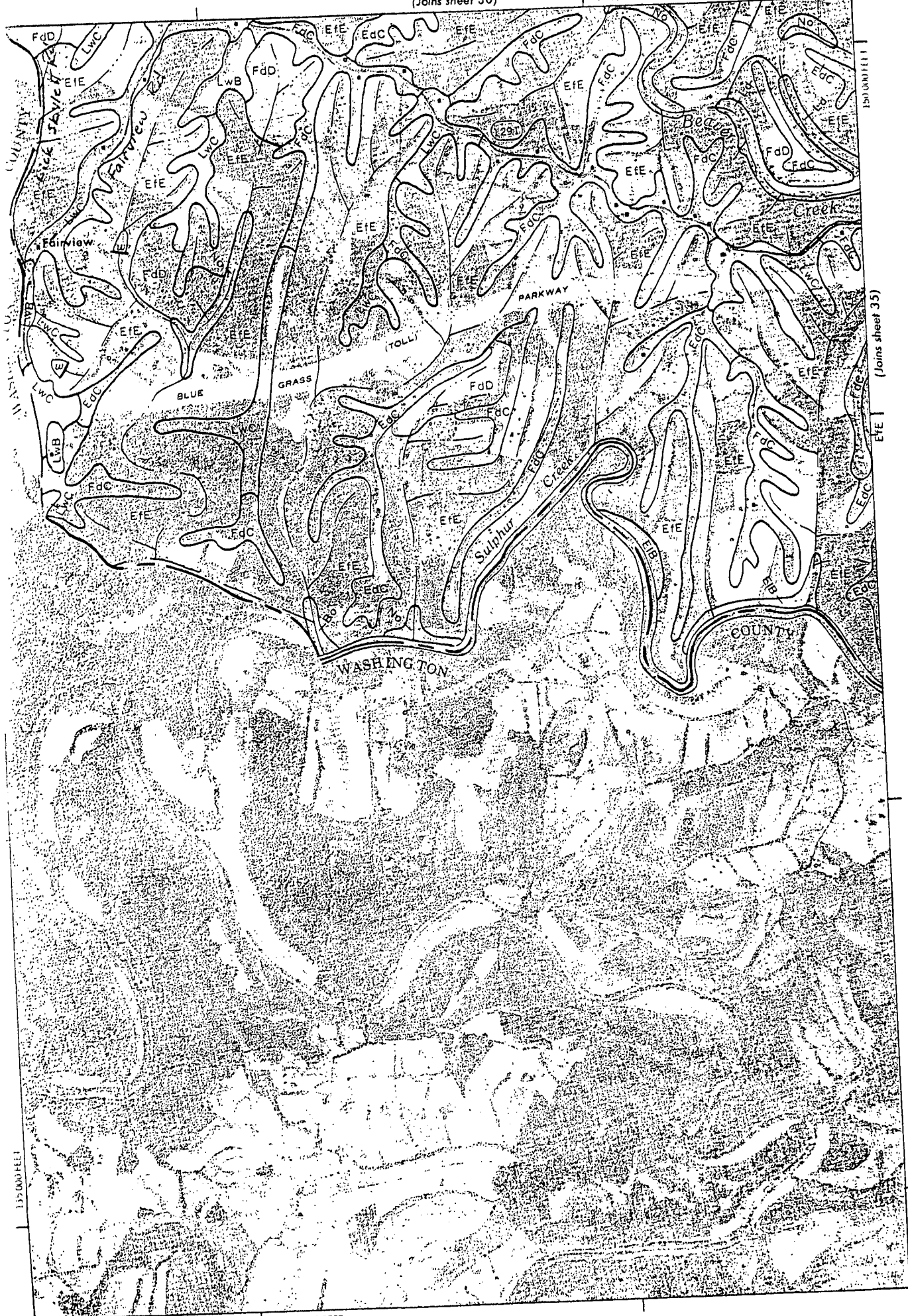
This map is compiled on 1977 aerial photography by the U.S. Department of Agriculture Soil Conservation Service and reconnaissance terrain.

5 000 Feet









This map is compiled on 1977 aerial photography by the U.S. Department of Agriculture, Soil Conservation Service and cooperating agencies.  
 Contour interval: 40 feet and 100 feet.

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1 350 000 FEET



(Joins sheet 31)

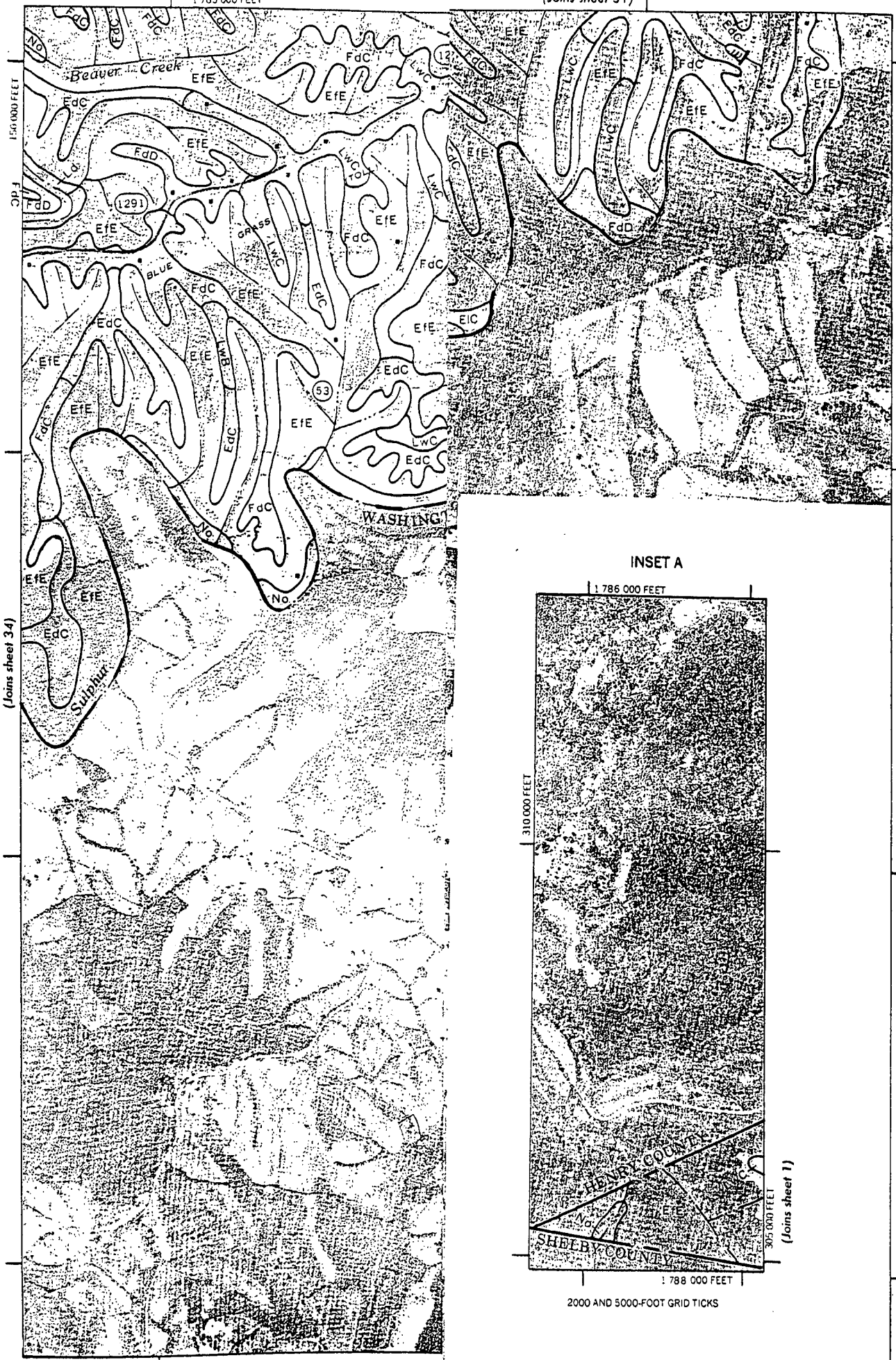
1 765 000 FEET

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This map is compiled on 1977 aerial photography by the U.S. Department of Agriculture, Soil Conservation Service and cooperating agencies.

EfE

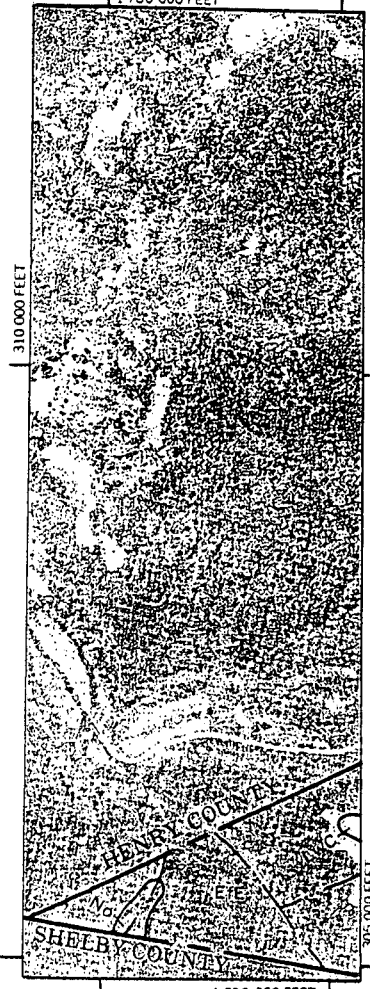
1 760 000 FEET



(Joins sheet 34)

INSET A

1 786 000 FEET



310 000 FEET

1 788 000 FEET

2000 AND 5000-FOOT GRID TICKS

1 785 000 FEET

(Joins sheet 1)

5 000 Feet

1 Kilometer

Scale - 1:20000

135 000 FEET



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PUBLIC SERVICE  
COMMISSION

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COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION  
CASE NO. 99-431

IN THE MATTER OF:

RUBEN BARNETT COMPLAINANT

-vs- SWORN STATEMENT OF ELVIS THOMPSON

SOUTH ANDERSON WATER DISTRICT DEFENDANT

\* \* \* \* \*  
A P P E A R A N C E S  
\* \* \* \* \*

Hon. Reginald L. Thomas  
P. O. Box 1704  
Lexington, Kentucky 40588  
FOR THE COMPLAINANT

FEBRUARY 8, 2000

GEORGENE R. SCRIVNER  
COURT REPORTER  
STENOYPIST



1           The foregoing sworn statement was taken on  
2           Tuesday, February 8, 2000, in the first floor conference  
3           room, Anderson County Courthouse, Lawrenceburg, Anderson  
4           County, Kentucky, beginning at the hour of 1:55 p.m.,  
5           for all purposes permitted under the Kentucky Rules of  
6           Civil Procedure.

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1 Q Elvis, state your name for the records, please?

2 A Elvis Thompson.

3 Q And, Elvis, where do you reside?

4 A 1421 Aaron-Barnett Road.

5 Q 1421 Aaron-Barnett Road?

6 Elvis, if you were coming along Aaron-Barnett  
7 Road from US 62 at milemarker 8, and you come down that  
8 hill and across that creek and you start coming up  
9 again, where is your house in relation to that creek?

10 A First house on the left after you cross that  
11 little bridge.

12 Q Are you aware, Elvis, that the proposed  
13 construction of water lines along Aaron-Barnett Road is  
14 going to stop just short of that creek?

15 A Yes, I am.

16 Q Elvis, how long have you lived at 1429  
17 Aaron-Barnett Road?

18 A I moved in in what, May, I bought it in May.  
19 Something like that.

20 Q So you moved there about May of 1999?

21 A Right.

22 Q So it's fair to say you have been there now about  
23 9 months?

24 A Yes.

25 Q Do you like it out there?

1 A Oh, yeah.

2 See, that's why I bought the place because in the  
3 paper it said they was going to go all the way through.  
4 And that's why I bought. I read the paper and then I  
5 went and checked with him about buying it, with him and  
6 John.

7 Q I was going to ask you that.

8 So you read in the paper about the notice that  
9 said we are going--we, being the South Anderson Water  
10 District, let me rephrase that.

11 You read in the paper where the South Anderson  
12 Water District said that it was going to construct water  
13 lines along Willow Creek Road, Willow Creek Road and  
14 Aaron-Barnett Road being the same road?

15 A Yes. The way I understood it, going all the way  
16 through.

17 Q So, therefore, that encouraged you or motivated  
18 to you buy in that area?

19 A Right.

20 I wouldn't probably--I probably wouldn't have  
21 thought about it until I read that, you know. I  
22 thought--because that's a hassle hauling water, you  
23 know.

24 Q Why is it a hassle?

25 A When it's cold, snow, icy, you got to have water

1           you got to have water. That isn't something you say I  
2           will get it tomorrow. You got to take a bath.

3           Q           And I guess it would be dangerous to try to get  
4           it during snow or ice along those roadways?

5           A           Oh, yeah.

6           Q           But if you have got to have it, you have to have  
7           it?

8           A           That's right.

9           Q           Is it fair to say, Elvis, that you would not have  
10          that problem if you had city water?

11          A           Why, yeah. I wouldn't have to worry about it.

12          Q           If the water lines were going to come along your  
13          property, if the South Anderson Water District decided  
14          to build water lines that would cross your property,  
15          would you be a customer, Elvis?

16          A           Definitely.

17          Q           You would hook up?

18          A           Oh, yes.

19          Q           And purchase water, I guess, from South Anderson  
20          Water District?

21          A           As soon as possible.

22          Q           Tomorrow wouldn't be too soon?

23          A           Yeah, very true.

24          Q           Elvis, what is your present water supply?

25          A           I got a cistern. I got to haul it and got a pump

1 to pump it in the house.

2 Q How often do you haul water now?

3 A Well, I was hauling like every week. But, you  
4 know, my neighbor, I borrow his truck. It lasts me  
5 about 3 weeks to a month.

6 Q And as you testified, you find that awfully  
7 inconvenient?

8 A Oh, yeah. I mean, you know, like I say if the  
9 roads are bad, if you have got to have water you have  
10 got to have water somehow.

11 Q With the water you use from a cistern, what do  
12 you primarily use that for? Do you use that for  
13 bathing, for cooking, for drinking?

14 A No. You got to buy water to drink. It don't  
15 taste right.

16 Q So your drinking water, you buy bottled water to  
17 drink?

18 A Right.

19 Q And you wouldn't have that problem if you had  
20 city water?

21 A Right.

22 Q Or water from the water district?

23 A Right.

24 Q Elvis, when you read the notices of the South  
25 Anderson Water District that said we are going to build

1 water lines along Willow Creek Road--

2 A We had a whole bunch of roads.

3 Q Right. And Willow Creek, though, was one of  
4 them?

5 A Right.

6 Q But did you attend any of the meetings that were  
7 being sponsored by the water district?

8 A No.

9 Q And why not?

10 A Well, I just--it said Willow Creek Road. I  
11 figured we was going to, you know, have water, you know.

12 Q In other words, when it said Willow Creek Road,  
13 you said it is going to come all along Willow Creek Road  
14 so I don't need to--

15 A That's what everybody thought.

16 Q Everybody being whom?

17 A See, my sister used to live there. She sold.  
18 And I have got a nephew that lives up there, you know,  
19 and we all thought it was going, you know.

20 Q Your sister no longer lives on Aaron-Barnett  
21 Road, is that right?

22 A Right.

23 Q But your nephew still does?

24 A Right.

25 Q What's your nephew's name?

- 1 A Shannon Howard.
- 2 Q Is he scheduled to get water?
- 3 A He lives on the end, right.
- 4 Q So he is going to be one of those who benefit  
5 from the partial construction--
- 6 A Right.
- 7 Q Of the water line but you will not?
- 8 A Right.
- 9 Q Because you live outside the planned  
10 construction?
- 11 A Right.
- 12 Q Although if they did agree to construct along  
13 with your house, you would become a customer?
- 14 A Oh, yeah.
- 15 Q Elvis, who presently lives in your residence  
16 other than yourself?
- 17 A My home?
- 18 Q Uh, huh?
- 19 A My wife and my dad.
- 20 Q So there are 3 of you there?
- 21 A Right.
- 22 Q Have any of you ever experienced any ill effects  
23 or illness or unpleasantness as a result of having to  
24 use the water from the cistern?
- 25 A No. Like I said, we don't drink it, though.



1 Q It's used primarily for cooking and bathing?

2 A Bathing, right.

3 Q You said bathing. Do you use it--I am not trying  
4 to put words in your mouth--do you use it for cooking?

5 A Yes.

6 \* \* \*

7 OFF THE RECORD

8 \* \* \*

9 Q Elvis, is there anything else that you would like  
10 to say regarding your desire to obtain water from the  
11 water district?

12 A Well, yeah.

13 I would love to have water. It would be less  
14 hassle. I don't have to worry about hauling water.  
15 When I take a bath, I know it's there, you know. If I  
16 want to get a drink, I can go get a drink don't have to  
17 go out and buy water.

18 MR. THOMAS: Okay. Thank you very much.

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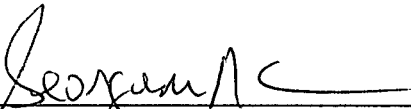
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CERTIFICATE

STATE OF KENTUCKY  
COUNTY OF FRANKLIN

I, Georgene R. Scrivner, a notary public in and for the county aforesaid, do hereby certify that the above and foregoing is a true, correct and complete transcript of the sworn statement of ELVIS THOMPSON, taken at the time and place and for the purpose set out in the caption hereof; that the witness was duly sworn before giving his testimony; that said testimony was taken down by me in stenotype and afterwards transcribed by me; that the appearances were as set out in the caption hereof; and that no request was made that the transcript be submitted to the witness for reading and signature.

Given under my hand this 10th day of February, 2000.

  
\_\_\_\_\_  
Georgene R. Scrivner  
Notary Public  
State of Kentucky at Large

My Commission Expires: 7/15/2003

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PUBLIC SERVICE  
COMMISSION

GENERAL COUNSEL

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION  
CASE NO. 99-431

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IN THE MATTER OF:

RUBEN BARNETT

COMPLAINANT

-vs-

SWORN STATEMENT OF CHRISTINE RIGGLE

SOUTH ANDERSON WATER DISTRICT

DEFENDANT

\* \* \* \* \*  
A P P E A R A N C E S  
\* \* \* \* \*

Hon. Reginald L. Thomas  
P. O. Box 1704  
Lexington, Kentucky 40588  
FOR THE COMPLAINANT

FEBRUARY 8, 2000

GEORGENE R. SCRIVNER  
COURT REPORTER  
STENOTYPIST

The foregoing sworn statement was taken on  
Tuesday, February 8, 2000, in the first floor conference  
room, Anderson County Courthouse, Lawrenceburg, Anderson  
County, Kentucky, beginning at the hour of 1:30 p.m.,  
for all purposes permitted under the Kentucky Rules of  
Civil Procedure.

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CHRISTINE RIGGLE

the said witness, being first duly sworn, testifies as follows:

DIRECT EXAMINATION

By Mr. Thomas

Q Could you state your name for the record?

A Christine Riggle, R-I-G-G-L-E.

Q And, Christine, where do you reside?

A Presently at 1161 Watts Run Road. And we are moving, building a new home at 1615 Aaron-Barnett Road.

Q And when you say we, you are referring to you and your husband, Jim Riggle?

A Yes.

Q Or James Riggle?

A Yes, sir.

Q And how soon do you intend to move into your new home?

A Within the next 2 to 3 months, hopefully.

Q What is going to be the source of your water supply at your new residence?

A A cistern.

Q And how do you feel about that?

A I am okay with it. But I would prefer to have either city or county water due to the fact that that's more reliable and I don't have to have it shipped in by

1 truck. And also the fact that I don't have to be so  
2 water conservative as to worry about if we have people  
3 over to visit or anything, that we will use too much  
4 water.

5 Q So if you had city or county water available, you  
6 you would definitely become a customer of that utility  
7 or supplier?

8 A Yes, most definitely.

9 Q Are you aware of a--of proposed plans by the  
10 South Anderson Water District to build water lines along  
11 part of Aaron-Barnett Road but will stop short of your  
12 property?

13 A Yes, I was told that by my husband, James.

14 Q And what are your feelings about that?

15 A I wasn't too happy.

16 I was wondering why they would stop and not  
17 complete the whole project when people have purchased,  
18 you know, are either building homes or purchased  
19 property in that area. And I felt that it wasn't very  
20 fair that part of the road got it and the other half  
21 didn't.

22 Q Are you aware of a notice published by the South  
23 Anderson Water District in August of 1998 and again in  
24 February 1999 in which they had announced plans to build  
25 water lines along Willow Creek Road, Willow Creek Road

1 and Aaron-Barnett Road being the same road?

2 A I have never personally read those at all.

3 Q And, of course, it's also fair to say then since  
4 you didn't read them, you never attended any of the  
5 hearings?

6 A Right.

7 Q Is there anyone else who is going to be living in  
8 the residence besides you and your husband?

9 A No. But we do have family who live in Florida.  
10 Our sons and grandchildren and our family, and they do  
11 plan to come and visit us.

12 Q It's a nice home you are building up there.

13 A Thank you.

14 MR. THOMAS: Nice home. I don't have any more  
15 questions.

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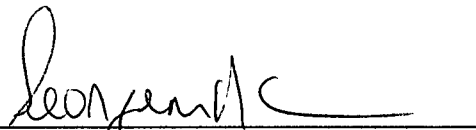
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CERTIFICATE

STATE OF KENTUCKY  
COUNTY OF FRANKLIN

I, Georgene R. Scrivner, a notary public in and for the county aforesaid, do hereby certify that the above and foregoing is a true, correct and complete transcript of the sworn statement of CHRISTINE RIGGLE, taken at the time and place and for the purpose set out in the caption hereof; that the witness was duly sworn before giving her testimony; that said testimony was taken down by me in stenotype and afterwards transcribed by me; that the appearances were as set out in the caption hereof; and that no request was made that the transcript be submitted to the witness for reading and signature.

Given under my hand this 10th day of February, 2000.

  
Georgene R. Scrivner  
Notary Public  
State of Kentucky at Large

My Commission Expires: 7/15/2003

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JAMES RIGGLE

the said witness, being first duly sworn, testifies as follows:

DIRECT EXAMINATION

By Mr. Thomas

Q Again, let me state for the record. My name is Reginald Thomas and I am the attorney for Ruben Barnett.

And the purpose of this transcription today is to provide testimony before the Public Service Commission as to the witnesses that we will present on behalf of Ruben Barnett at his hearing scheduled before the Public Service Commission on March 9 of 2,000.

I am going to ask you a series of questions. If at any time you don't understand any question I ask you, I will be glad to repeat it or rephrase it to make it clearer. I am here to get information from you. And I want you to be as informative as possible in answering my questions.

And that pretty much sums up how we are going to proceed.

Do you have any questions of me?

A No.

Q Let's begin. State your name for the record, please?

A James Riggle, R-I-G-G-L-E.

1 Q And, James, where do you live?

2 A At the moment, I am living at 1161 Watts Run  
3 Road. But I am building a house at 1615 Aaron-Barnett  
4 Road.

5 Q And I believe that house is directly across from  
6 where Ruben Barnett lives about a quarter of a mile?

7 A Approximately, yes.

8 Q Directly in the sight?

9 A Correct.

10 Q When do you plan to move in?

11 A Hopefully in the next 2 months.

12 Q The house is substantially complete now, is that  
13 correct?

14 A It's probably three-quarters of the way done.

15 Q When you move over to Aaron-Barnett Road, what is  
16 going to be your water supply?

17 A At the moment, it's a cistern system.

18 Q And how do you feel about that?

19 A Well, at the moment, at the time that we  
20 purchased the property, that was all that was available.  
21 And then I was informed later on that city water would  
22 be provided which I would have preferred.

23 Q Who informed you or who told that you city water  
24 would be provided?

25 A When I bought the property from Ruben, he said he

1 had originally was going to have--pay for the water to  
2 be put down Aaron-Barnett Road on our side. And then  
3 later on, it was determined that there was a grant to  
4 bring water onto Aaron-Barnett Road.

5 Q And when you mentioned the grant, is that because  
6 of a notice that you read in the paper published by the  
7 South Anderson Water District which said that they had  
8 received a grant to construct water lines along  
9 Aaron-Barnett Road? Or I guess the notice said Willow  
10 Creek Road, is that correct?

11 A Correct.

12 Q And Willow Creek Road and Aaron-Barnett Road are  
13 the same road?

14 A Correct.

15 Q When you read that notice, is that what gave the  
16 indication that there was going to be water lines built  
17 along that road?

18 A I don't really recall how I heard it. I know  
19 that Ruben mentioned to me that there was a grant, but  
20 they were going to stop it part of the way down  
21 Aaron-Barnett Road.

22 Q So Ruben actually told you that the water line  
23 was going to stop short of his property, is that  
24 correct?

25 A Correct.

1 Q And, therefore, you decided at that point that  
2 you were going to have to use a cistern?

3 A No. I knew that before. I was informed that a  
4 cistern was the only available water at the time. And  
5 then I had heard through other people in the area that  
6 the county had received a grant and I was only told that  
7 Aaron-Barnett Road was going to receive water which I  
8 thought would be the entire length of Aaron-Barnett  
9 Road.

10 Q And only then did Ruben tell you then that it was  
11 going to be a part of Aaron-Barnett Road?

12 A Correct. He told me it was going to stop quite a  
13 ways short of where all of us were.

14 Q If the water lines were to be extended through  
15 the entire Aaron-Barnett Road past your property, would  
16 you be a customer of the water district?

17 A Most definitely.

18 Q You would attach on to the water line?

19 A Correct.

20 Q And so it is fair to say that you would prefer  
21 city water as opposed to the cistern?

22 A I most certainly would.

23 Q And why is that?

24 A Mainly for the availability, the convenience and  
25 it's always going to be there. I won't have to worry

1 about having a truck come in to fill my cistern all the  
2 time and health matters.

3 Q Have you been told that if you don't--if water  
4 lines are not built along your portion of Aaron-Barnett  
5 Road, that it may be several years before  
6 another--before water lines are built along that  
7 project?

8 Have you been told that or have you heard that?

9 A I have heard that.

10 Q And how do you feel about that?

11 A I am very angry about it.

12 Q James, other than yourself, who is going to live  
13 at this house that you are building on Aaron-Barnett  
14 Road?

15 A My wife, Christine.

16 Q Anyone else other than your wife?

17 A No. But we do expect frequent visitors.

18 \* \* \*

19 OFF THE RECORD

20 \* \* \*

21 Q James, you had testified earlier that Ruben told  
22 you that he was going to build water lines along your  
23 property.

24 Did he say--did he mean that he was going to  
25 provide water lines even if the water district stopped

1 short of your property? Is that what he had promised  
2 you?

3 A No.

4 Q When he said he was going to build water lines,  
5 can you elaborate in terms of what you meant by that?

6 A This was prior to me even purchasing the  
7 property. He had mentioned that he was going to provide  
8 water I guess for his own convenience as well as to  
9 other property he had down the road.

10 Q And how long ago was that? Are we talking about  
11 a year ago, two years ago?

12 A That he mentioned this to me?

13 Q Right?

14 A Oh, gosh. Over a year ago I would say.

15 Q Okay.

16 And did Ruben Barnett subsequently change his  
17 mind about that, about building water lines?

18 A From what he told me, he did.

19 Q What did he share with you?

20 A He said that there had been a problem that he  
21 thought it was too expensive for one thing and he had  
22 some difficulties with some other people and he just  
23 decided not to do it at the time.

24 Q So there hasn't been an intention by him to build  
25 water lines that would attach onto that portion of



1 Aaron-Barnett Road that's presently not going to be  
2 supplied with water and build water lines throughout the  
3 remainder of Aaron-Barnett Road?

4 A From what I understand from speaking with Mr.  
5 Barnett was he had abandoned the complete project.

6 MR. THOMAS: Thank you.

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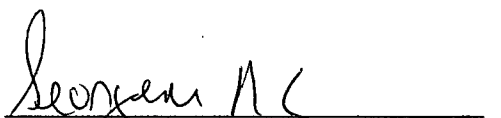
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