

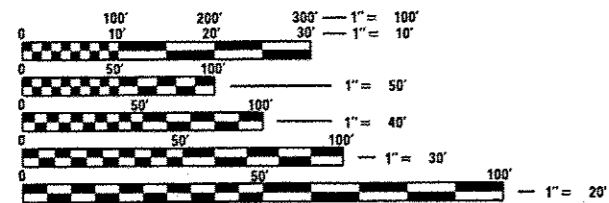
**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 - 7 SCHEDULE OF QUANTITIES

**STANDARDS**

- 665001-02
- 701101-04
- 701106-02
- 701901-03

**THIS PROJECT CONSISTS OF FENCE REMOVAL AND REPLACEMENT ALONG I-74 FROM IL 17 IN HENRY COUNTY TO IL 97 IN KNOX COUNTY.**



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

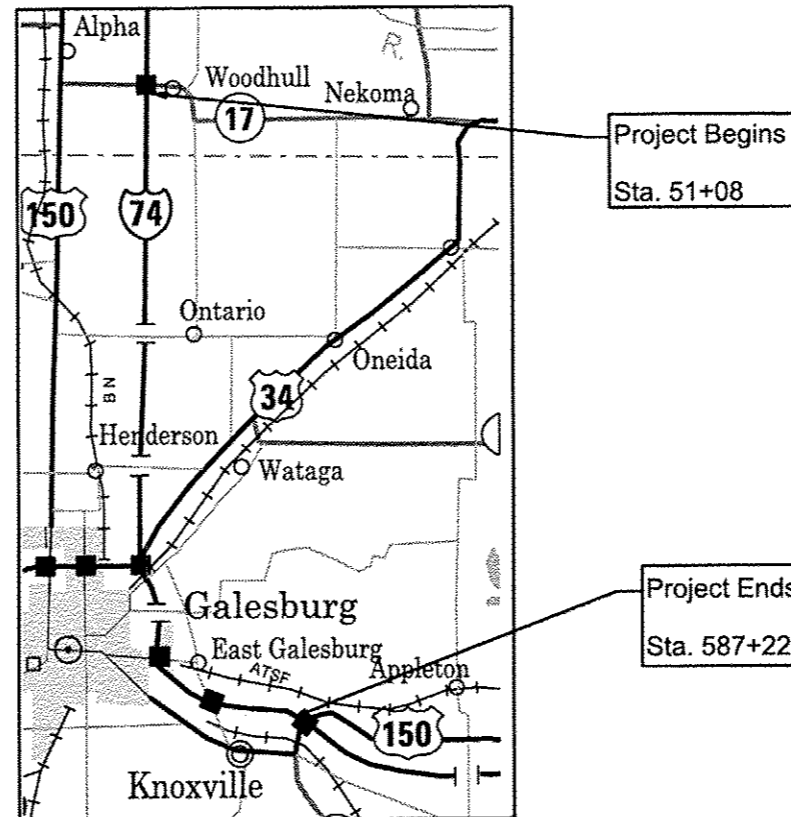
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

DESIGN ENGINEER: RAY SAMARA (309) 671-3459  
PROJECT MANAGER: MIKE LEWIS (309) 671-3454  
CATALOG NO. 035134-00D  
CONTRACT NO. 68B97



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 74 (I-74)  
SECTION 48-[(24,25)I;(26-1,26,27)I-2]  
CONTRACT MAINTENANCE  
HENRY & KNOX COUNTIES  
C-94-096-14

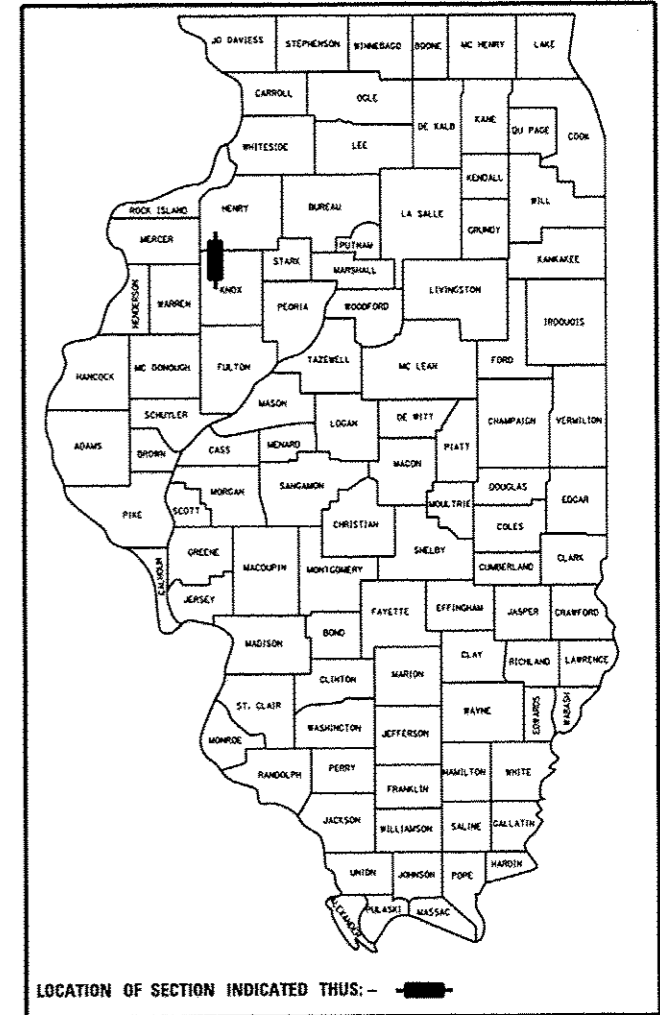


ADT = 13100 (2013)  
MU = 30% (2013)  
SU = 5% (2013)

GROSS LENGTH = 22 MILES  
NET LENGTH = 22 MILES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48-[(24,25)I;(26-1,26,27)I-2]	HENRY/KNOX	7	1
ILLINOIS			CONTRACT NO. 68B97	

D-94-039-14



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED MAY 21 20 14  
*Harold A. Surnetta*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
June 27 20 14  
*John D. Balanzelli, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT  
June 27 20 14  
*Omer Osman, P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

## COMMITMENTS

There are no commitments for this job.

## JOB SPECIFIC NOTE

Minor brush and tree removal at the proposed fence locations shall be incidental to the pay item "Woven Wire Fence 4"

FILE NAME : 0488897-topo.dgn	USER NAME : AUBREYCS	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE * 40,0000 ' / in.	CHECKED - _____	REVISED - _____			74	48-((24.25H+26-1.26.2TH-2)	HENRY/KNOX	7	2
	PLOT DATE * 5/22/2014	DATE - _____	REVISED - _____			SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 68897 ILLINOIS FED. AID PROJECT		

100% STATE 100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				KNOX COUNTY	HENRY COUNTY
				CONTRACT MAINTENANCE 0021	CONTRACT MAINTENANCE 0021
66500105	WOVEN WIRE FENCE, 4'	FOOT	12986	11696	1290
67100100	MOBILIZATION	L SUM	1	1	
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	10049	8759	1290

FILE NAME :	USER NAME = ALBREYOS
0468897-1 topo.dgn	

DESIGNED -	REVISOR -
DRAWN -	REVISIONS -
CHECKED -	REVISIONS -
DATE -	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T4	48-((24.25))((26-1,26.27))-2	HENRY/KNOX	7	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68897	

### WB I - 74 FENCE MM 54 THRU 32

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
607+40 to 607+10	30	30	4' woven fence w/stl T psts (down)
596+27 to 593+60	267	267	4' woven fence w/wdn psts (down)
593+60 to 592+78	82	82	4' woven fence w/wdn psts
592+78 to 592+52	26	26	4' woven fence w/wdn psts (down)
592+52 to 591+70	82	82	4' woven fence w/wdn psts
591+70 to 589+75	195	195	4' woven fence w/wdn psts
589+75 to 589+27	48	48	4' woven fence w/wdn psts
589+27 to 588+79	48	48	4' woven fence w/wdn psts
588+79 to 585+00	379	379	4' woven fence w/wdn psts
585+00 to 584+15	85	85	4' woven fence w/wdn psts
584+15 to 583+90	25	25	4' woven fence w/wdn psts
583+90 to 582+75	115	115	4' woven fence w/wdn psts
582+75 to 581+40	135	135	4' woven fence w/wdn psts
581+40 to 580+55	85	85	4' woven fence w/wdn psts
580+55 to 578+45	210	210	4' woven fence w/wdn psts
578+45 to 578+15	30	30	4' woven fence w/wdn psts (down)
578+15 to 577+75	40	40	4' woven fence w/wdn psts
577+75 to 577+00	75	75	4' woven fence w/wdn psts (fence up psts broke)
577+00 to 576+40	60	60	4' woven fence w/wdn psts
576+40 to 575+70	70	70	4' woven fence w/wdn psts (down)
<b>MM 52 = sta 554+38</b>			
515+90 to 515+25	65	65	4, woven fence w/wdn psts (down)
2+00 to 8+00	600	600	WB I - 74 off ramp to knoxville EXIT 51 ( 4' woven fence w/wdn psts tree line)
<b>RAMP STA 10+30 = MAINLINE STA 482+00</b>			
476+15 to 475+70	45	45	4' woven fnc w/stl T psts ( fence down & torn )
455+47 to 455+20	27	27	4' woven fence w/stl T psts ( fence down )
<b>TOTAL (1)</b>	<b>2824</b>	<b>2824</b>	

### WB I - 74 FENCE MM 54 THRU 32

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
<b>MM 50 = 450+50</b>			
445+65 to 444+90	75	75	4' woven fence w/stl T psts (4 broken posts, low fence )
430+85 to 430+40	45	45	4' woven fence w/stl T psts ( down )
425+00 to 424+85	15	15	4' woven fence w/stl T psts ( down )
403+35 to 403+05	30	30	4' woven fence w/stl T psts ( ripped fence )
399+55 to 399+10	45	45	4' woven fence w/stl T psts (fnc psts brk & leaning )
<b>MM 49 = 397+65</b>			
<b>MAINLINE STA 359+13 = RAMP STA 2+00 EXIT 48B</b>			
<b>ENGLISH STA. 327+65 = METRIC STA. 76+721</b>			
75+943 to 75+917	237	237	4' woven fence w/stl T psts(trees & fence down) along golf course
75+666 to 75+654	39	39	4' woven fence w/stl T psts (trees on fence down)
75+654 to 75+624	98	98	4' woven fence w/stl T psts (fence down trees)
<b>MM 47 = 75+630</b>			
<b>MM 46 = 74+014</b>			
73+703 to 73+635	223	223	4' woven fence w/stl T psts (down)
<b>METRIC STATION 73+737 = RAMP ENGLISH STATION 0+00 (exit 46B)</b>			
<b>RAMP ENG. STA. 15+00 = WB I-74 METRIC STA. 72+995</b>			
<b>METRIC STATION 72+639 = ENGLISH STA. 193+30</b>			
107+92 to 107+77	15	15	4' woven fence w/stl T pst (broke & ripped)
55+88 to 55+73	15	15	4' woven fence w/stl T pst (down)
<b>STATION EQUATION 1+00 BK = 530+12.33 AH</b>			
<b>TOTAL (2)</b>	<b>837</b>	<b>837</b>	

### WB I - 74 FENCE MM 54 THRU 32

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
529+89 to 529+74	15	15	4' woven fence w/stl T pst (fence ripped)
510+35 to 510+05	30	30	4' woven fence w/stl T pst (fence ripped)
508+00 to 507+85	15	15	4' woven fence w/stl T pst (fence ripped)
481+14 to 480+90	24	24	4' woven fence w/stl T pst (fence ripped)
423+90 to 423+60	30	30	4' woven fence w/stl T pst (fence down & tree line)
419+50 to 418+07	143	143	4' woven fence w/stl T pst (fence down & tree line)
418+07 to 417+82	25	25	4' woven fence w/stl T pst, ties into bridge
382+52 to 382+22	30	30	4' woven fence w/stl T pst (ripped fence)
375+12 to 374+88	24	24	4' woven fence w/stl T pst (fence ripped)
<b>MM 38 = 345+20</b>			
326+86 to 326+56	30	30	4' woven fence w/stl T pst (fence ripped & down)
303+63 to 303+33	30	30	4' woven fence w/stl T pst (fence ripped)
290+91 to 290+50	41	41	4' woven fence w/stl T pst (fence down)
85+46 to 85+16	30	30	4' woven fence
76+70 to 76+40	30	30	4' woven fence w/stl T pst (fence down)
64+52 to 64+12	40	40	4' woven fence w/stl T pst (fence down)
<b>Knox County</b>	<b>537</b>	<b>537</b>	<b>Knox / Henry County Line Sta. 129+37</b>
76+50 to 76+20	30	30	4' woven fence
75+33 to 74+90	43	43	4' woven fence w/stl T psts ( fence & trees down)
69+50 to 68+75	75	75	4' woven fence w/wdn pst (fence down)
64+22 to 63+18	104	104	4' woven fence w/wdn pst (fence down broken post)
48+77 to 48+47	30	30	4' woven fence w/stl T pst (fence low)
44+93 to 43+42	151	151	4' woven fence w/stl T pst (fence ripped & down)
<b>Henry County</b>	<b>433</b>	<b>433</b>	
<b>TOTAL (3)</b>	<b>970</b>	<b>970</b>	

### WB I - 74 FENCE MM 54 THRU 32

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
<b>MAIN LINE STATION 38+30 = RAMP STATION 0+00 EXIT 32</b>			
12+70 to 13+00	30	30	4' woven fence w/stl T pst (fence low) EXIT 32
<b>MM 32 = STA 27+36</b>			
15+18 to 13+90	128	128	4' woven fence w/stl T pst (fence down bottom of slope behind guardrail)
<b>TOTAL (4)</b>	<b>158</b>	<b>158</b>	
<b>TOTAL (1)</b>	<b>2824</b>	<b>2824</b>	
<b>TOTAL (2)</b>	<b>837</b>	<b>837</b>	
<b>TOTAL (3)</b>	<b>970</b>	<b>970</b>	
<b>TOTAL (4)</b>	<b>158</b>	<b>158</b>	
<b>WB TOTAL</b>	<b>4789</b>	<b>4789</b>	
	<b>4198</b>	<b>4198</b>	<b>KNOX COUNTY TOTAL</b>
	<b>591</b>	<b>591</b>	<b>HENRY COUNTY TOTAL</b>

### EB I - 74 FENCE MM 32 THRU 54

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
51+08 to 63+30	10	10	4' woven fence w/stl T pst: also from 56+90 to 57+00 fence torn
63+30 to 67+87	457	457	4' woven fence w/wdn & stl pst. Each end are wdn pst
103+97 to 104+42	45	45	4' woven fence w/stl T pst, fence down trees
110+93 to 112+80	187	187	4' woven fence w/stl T pst trees down on fence in couple locations
<b>MM 33.9 = Sta 129+30</b>			
<b>Henry County</b>	<b>699</b>	<b>699</b>	<b>Henry / Knox County Line Sta. 129+37</b>
177+38 to 177+70	85	85	4' woven fence stl T pst tied into bridge
178+80 to 179+00	49	49	4' woven fence stl T pst tied into bridge
179+00 to 182+50	350	350	4' woven fence w/ stl T pst
201+47 to 202+13	66	66	4' woven fence w/stl T pst @ pipe culvert crossing,
608+90 (US 34) to 222+90 (I-74)		2165	Ramp from EB US 34 to EB I-74. Tie both ends of proposed fence into exiting fence
224+24 to 224+32	32	32	4' woven fence @ box culvert w/cnr psts w/stl T psts,
225+50 to 225+80	30	30	Replace wood posts and old fence to tie into existing ROW
264+52 to 265+02	50	50	4' woven fence w/stl T psts
333+63 to 334+60	97	97	4' woven fence w/stl T psts
343+42 to 344+24	82	82	4' woven fence w/stl T psts
<b>MM 38 = Sta 345+20 MM 39 = 395+85</b>			
413+81 to 415+44	163	163	4' woven fence w/stl T psts. Jst N of HENDERSON crk
416+62 to 418+03	141	141	4' woven fence w/stl T psts, tree line area
421+45 to 423+65	220	220	4' woven fence w/stl T psts, trees on the down fence,
439+45 to 439+85	40	40	4' woven fence w/stl T psts
<b>MM 40 = Sta 448+30</b>			
455+63 to 456+08	45	45	4' woven fence w/stl T psts
458+40 to 458+85	45	45	4' woven fence w/stl T psts
484+70 to 484+85	15	15	4' woven fence w/stl T psts
<b>Knox County</b>	<b>1510</b>	<b>3635</b>	
<b>TOTAL (5)</b>	<b>2209</b>	<b>4334</b>	

### EB I - 74 FENCE MM 32 THRU 54

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
490+27 to 491+06	79	79	4' woven fence w/stl psts
493+06 to 494+54	148	148	4' woven fence w/stl T psts
<b>MM 41 = Sta 503+46</b>			
506+04 to 507+07	103	103	4' woven fence w/stl T psts,
514+10 to 514+36	26	26	4' woven fence w/stl T psts
523+60 to 524+00	40	40	4' woven fence w/stl psts
<b>STATION EQUATION 530 + 12.33 BK = 1+00 AH</b>			
10+39 to 11+00	61	61	4' woven fence w/stl T psts
<b>MM 42 = Sta 27+22</b>			
29+47 to 29+65		18	No fence DOUBLE BARREL culvert
40+80 to 41+20	40	40	4' woven fence w/stl T psts, low fence
47+24 to 48+24	100	100	4' woven fence w/stl T psts, low fence
60+35 to 61+07	72	72	4' woven fence w/stl T psts
63+45 to 64+13	68	68	4' woven fence w/stl T psts
<b>MM 43 = Sta 80+00</b>			
103+00 to 103+25	25	25	4' woven fence w/stl T psts
105+75 to 106+05	30	30	4' woven fence w/stl T psts
144+58 to 146+65	207	207	4' woven fence w/stl T psts
181+40 to 181+90	50	50	4' woven fence w/stl T psts
<b>MM 45 = Sta 185+63</b>			
<b>STA EQUATION ENGLISH 195+27 = METRIC 72+700</b>			
74+825 to 74+831	58	58	4' woven fence w/stl T psts
74+831 to 74+855	79	79	4' woven fence w/stl T psts
74+855 to 74+859	30	30	4' woven fence w/stl T psts
74+859 to 74+873	46	46	4' woven fence w/stl T psts
<b>MM 47 = Sta 75+630</b>			
76+088 to 76+116	92	92	4' woven fence down
<b>TOTAL (6)</b>	<b>1354</b>	<b>1372</b>	

### EB I - 74 FENCE MM 32 THRU 54

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
76+625 to 76+661	118	118	4' woven fence down
76+700 to 76+721	69	69	4' woven fence down
<b>76+721 METRIC = 327+65 ENGLISH</b>			
327+65 to 328+40	75	75	4' woven fence down
329+19 to 329+97	80	80	4' woven fence down
331+63 to 332+23	60	60	4' woven fence w/wdn & stl T psts
337+85 to 338+45	60	60	4' woven fence down
338+45 to 338+59	55	55	4' woven fence down. Tie in at RR bridge
395+57 to 396+00	43	43	4' woven fence w/stl T psts
<b>MM 49 = Sta 397+63</b>			
405+68 to 406+05	37	37	4' woven fence w/stl T psts
427+78 to 429+85	207	207	4' woven fence w/stl T psts (low)
<b>MM 50 = Sta 450+56</b>			
460+80 to 461+30	50	50	4' woven fence w/wdn & stl T psts (down)
462+80 to 464+60	180	180	4' woven fence w/stl T psts (down & missing)
467+85 to 468+55	70	70	4' woven fence w/stl T psts (down & missing)
<b>MAINLINE STA 485+37 = EB KNOXVILLE EXIT RAMP = 2+00</b>			
3+35 to 3+85	50	50	4' woven fence w/stl T psts (down)
3+85 to 6+25	240	240	4' woven fence w/wdn psts (down)
7+18 to 8+55	137	137	4' woven fence w/wdn psts (down), EB Knoxville on ramp
<b>Ramp Sta 8+55 = Mainline Sta 506+30</b>		<b>MM 51 = Sta 502+77</b>	
507+40 to 515+34		794	4' woven fence w/wdn psts, tree line, (missing)
<b>STATION EQUATION 515+34.14 BK = 514+51.76 AH</b>			
514+52 to 515+45	93	93	4' w/wdn psts (down)
<b>TOTAL (7)</b>	<b>1624</b>	<b>2418</b>	

### EB I - 74 FENCE MM 32 THRU 54

STA to STA	FENCE REMOVAL (FEET)	WOVEN WIRE FENCE (FEET)	REMARKS
533+92 to 534+35	43	43	4' woven fence w/wdn psts (down)
<b>MM 52 = Sta 544+38</b>			
586+92 to 587+22	30	30	4' woven fence w/stl T psts (down)
<b>MM 53 = Sta 607+62</b>			
<b>MAINLINE STATION 622+00 = RAMP STATION 0+00</b>			
<b>TOTAL (8)</b>	<b>73</b>	<b>73</b>	
<b>Total (5)</b>	<b>2209</b>	<b>4334</b>	
<b>Total (6)</b>	<b>1354</b>	<b>1372</b>	
<b>Total (7)</b>	<b>1624</b>	<b>2418</b>	
<b>Total (8)</b>	<b>73</b>	<b>73</b>	
<b>EB I-74 Total</b>	<b>5260</b>	<b>8197</b>	
	<b>4561</b>	<b>7498</b>	<b>Total for Knox County</b>
	<b>699</b>	<b>699</b>	<b>Total for Henry County</b>
<b>WB KNOX CO.</b>	<b>4198</b>	<b>4198</b>	
<b>WB HENRY CO.</b>	<b>591</b>	<b>591</b>	
<b>EB HENRY CO.</b>	<b>699</b>	<b>699</b>	
<b>EB KNOX CO.</b>	<b>4561</b>	<b>7498</b>	
<b>GRAND TOTAL</b>	<b>10049</b>	<b>12986</b>	