

CAPITAL IMPROVEMENT PROGRAM

SYSTEM EXPANSIONS

1. TANK #3 (NEW STEEL)
2. LEE ROAD EXTENSION- WILBURN WAY TO QUINCY JUNCTION ROAD
3. SOUTH HIGHWAY GRID LOOP- WEST OF FAIRBORNS ROAD
4. SOUTH HIGHWAY GRID LOOP- PERWARD FLAT ROAD TO SUNRISE
5. CAROL LANE WEST MAIN EXTENSION
6. QUINCY JUNCTION ROAD LOOP

REPLACEMENT / REHABILITATION

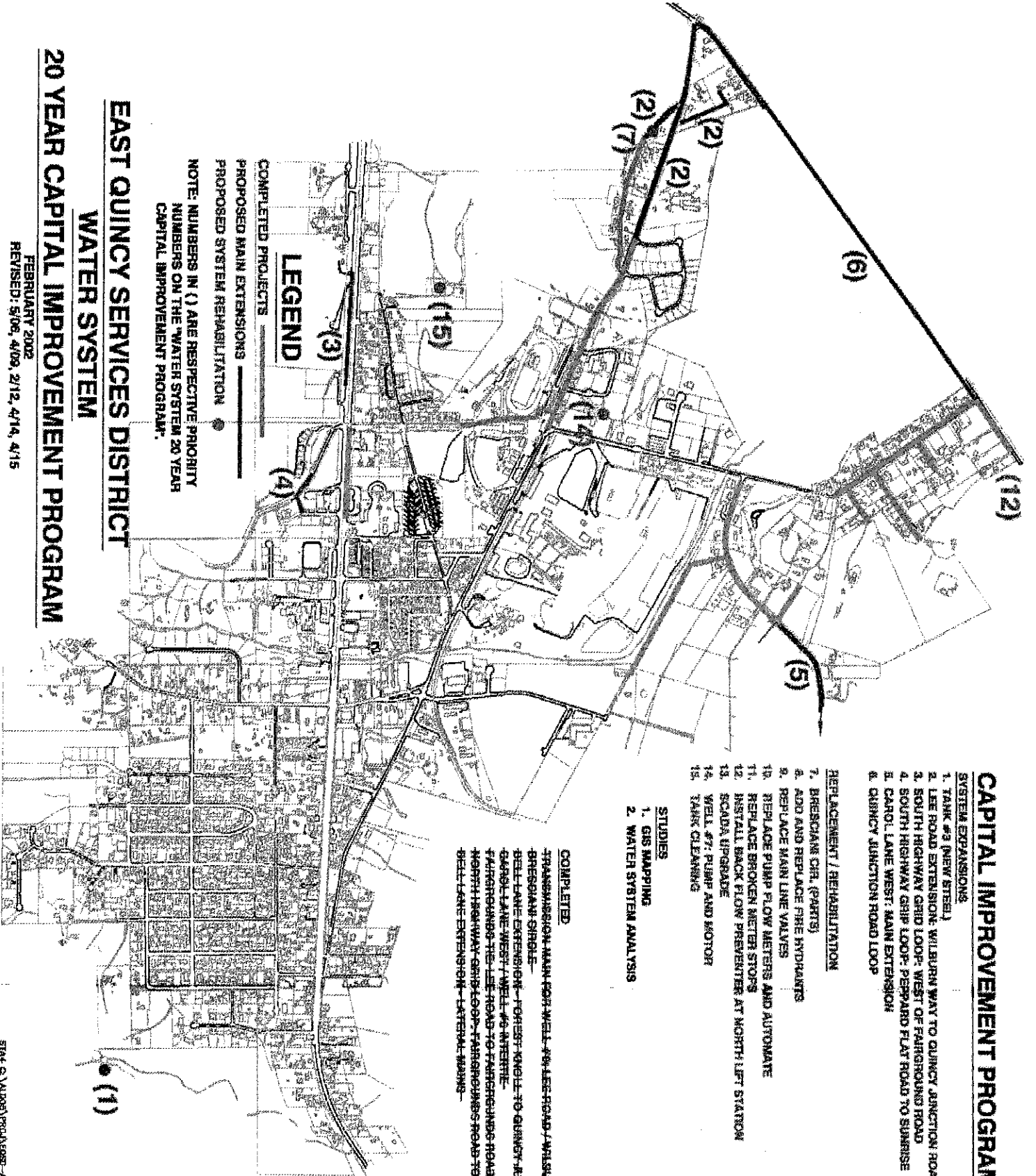
7. BREAKSOME CR. (PARTS)
8. ADD AND REPLACE FIRE HYDRANTS
9. REPLACE MAIN LINE VALVES
10. REPLACE PUMP FLOW METERS AND AUTOMATE
11. REPLACE BROKEN METER STOPS
12. INSTALL BACK FLOW PREVENTER AT NORTH LIFT STATION
13. SCADA UPGRADE
14. WELL #7: PUMP AND MOTOR
15. TANK CLEANING

STUDIES

1. GIS MAPPING
2. WATER SYSTEM ANALYSIS

COMPLETED

- TRANSMISSION MAIN FOR WELL #6-LEE ROAD / WILBURN WAY
- BRESKAM SHOULDER
- BELL LAKE EXTENSION- FOREST HAVEN TO QUINCY JUNCTION
- QUINCY LANE WEST / WELL #5 INTERL
- FAIRBORNS TIE- LEE ROAD TO FAIRBORNS ROAD
- NORTH HIGHWAY GRID LOOP- FAIRBORNS ROAD TO SUNRISE
- BELL LAKE EXTENSION- EXTERNAL MAINS



LEGEND

- COMPLETED PROJECTS ———
 - PROPOSED MAIN EXTENSIONS ———
 - PROPOSED SYSTEM REHABILITATION ●
- NOTE: NUMBERS IN () ARE RESPECTIVE PRIORITY NUMBERS ON THE WATER SYSTEM 20 YEAR CAPITAL IMPROVEMENT PROGRAM.

EAST QUINCY SERVICES DISTRICT WATER SYSTEM

20 YEAR CAPITAL IMPROVEMENT PROGRAM

FEBRUARY 2002
 REVISED: 5/06, 4/09, 2/12, 4/14, 4/15

EAST QUINCY SERVICES DISTRICT

SEWER UTILITY RATE STUDY

APRIL 2015

CAPITAL IMPROVEMENT PLAN

		PRESENT ESTIMATE	2015	2016	2017	2018	2019
1							
2							
3							
5							
7			1	2	3	4	5
8	FISCAL EOY	ESTIMATE	2015	2016	2017	2018	2019
10	CPI	5%					
11	SYSTEM EXPANSIONS						
12	1 Doors & Railings @ Lift Station	\$ 10,000		\$ 11,024			
13	2 Conical Inserts	\$ 3,000		\$ 3,307			
14	3 Electrical Shelter over Control Panels	\$ 20,000		\$ 22,049			
15	4 Pump Controller Boards	\$ 12,000					\$ 15,314
16	5 Field Telemetry	\$ 25,000					
17	6 Office Telemetry	\$ 20,000				\$ 24,309	
18	7 Variable Frequency Drive	\$ 15,000					\$ 19,143
19	8 Camera Equipment	\$ 25,000					\$ 31,906
20	9 Cleaning Equipment	\$ 20,000					
21	10 Manhole Flow Monitoring Equipment	\$ 10,000		\$ 11,024			
22	11 Sewer Mainline Repair	\$ 500,000					
24							
25	REPLACEMENT/ REHABILITATION						
26	13 SCADA Repeater Upgrade II	\$ 15,000		\$ 16,537			
27	14 SCADA Repeater Upgrade III	\$ 22,500		\$ 24,905			
28	R Computer Upgrade	\$ 2,500		\$ 2,755			\$ 3,190
29	R General Pump Replacement	\$ 7,000		\$ 7,717	\$ 8,102	\$ 8,508	\$ 8,933
30	R Truck	\$ 20,000		\$ 22,049			
31	Total Capital Improvement Expense			\$121,266	\$8,102	\$32,817	\$78,486
32							
33	LESS FUNDING						
34	Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	Developer Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	New Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37	Total Funding Source (LAIF)		\$ 748,236	\$ 626,970	\$ 618,868	\$ 586,051	\$ 507,565
38							
39	CAPITAL FUNDED THROUGH RATES		\$0	\$0	\$0	\$0	\$0
40							
41	NOTES						
42	1 Future Worth, $F=P(1+i)^n$, $i=5\%$						
43	2 Costs include design engineering and contract administration						
44	3 Costs include design engineering and contract administration						
45	4 No maintenance reimbursement has been factored into the balances.						
46	5 Assumed real inflation 5%						
47	R Means repetitive						