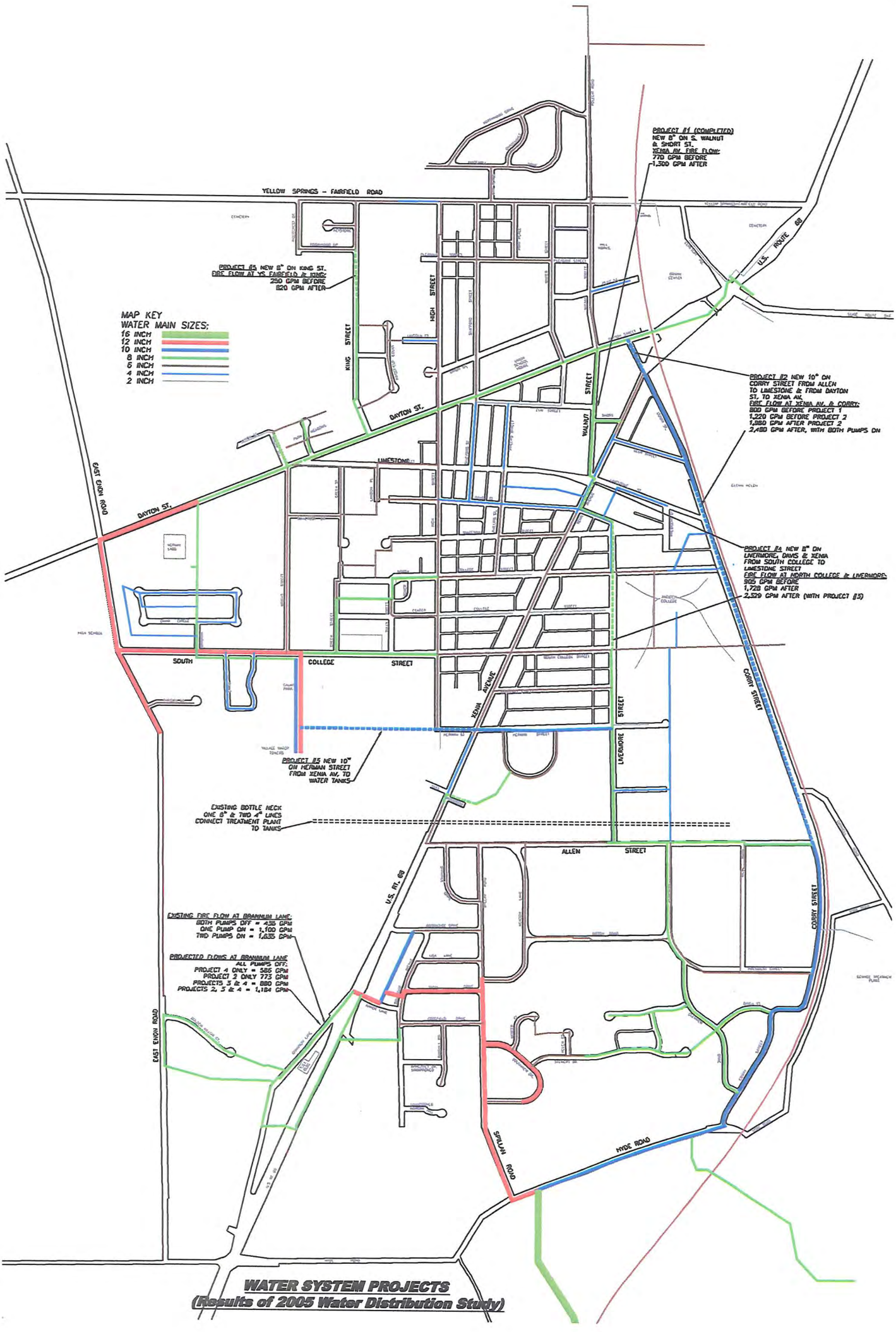
APPENDIX "F"


PROJECT #1 (COMPLETED)
NEW 8" ON S. WALNUT & SHORT ST.
XENIA AV. FIRE FLOW:
770 GPM BEFORE
1,300 GPM AFTER
PROJECT #5 NEW 8" ON KING ST.
FIRE FLOW AT YS FAIRFIELD & KING:
230 GPM BEFORE
820 GPM AFTER
MAP KEY
WATER MAIN SIZES:
16 INCH
12 INCH
10 INCH
8 INCH
6 INCH
4 INCH
2 INCH
PROJECT #2 NEW 10" ON CORRY STREET FROM ALLEN TO LIMESTONE & FROM DAYTON ST. TO XENIA AV.
FIRE FLOW AT XENIA AV. & CORRY:
800 GPM BEFORE PROJECT 1
1,220 GPM BEFORE PROJECT 2
1,980 GPM AFTER PROJECT 2
2,480 GPM AFTER, WITH BOTH PUMPS ON
PROJECT #4 NEW 8" ON LIVERMORE, DAVIS & XENIA FROM SOUTH COLLEGE TO LIMESTONE STREET
FIRE FLOW AT NORTH COLLEGE & LIVERMORE:
905 GPM BEFORE
1,728 GPM AFTER
2,329 GPM AFTER (WITH PROJECT #5)
PROJECT #5 NEW 10" ON HERMAN STREET FROM XENIA AV. TO WATER TANKS
EXISTING BOTTLE NECK
ONE 8" & TWO 4" LINES
CONNECT TREATMENT PLANT TO TANKS
EXISTING FIRE FLOW AT BRANNUM LANE:
BOTH PUMPS OFF = 438 GPM
ONE PUMP ON = 1,100 GPM
TWO PUMPS ON = 1,635 GPM
PROJECTED FLOWS AT BRANNUM LANE
ALL PUMPS OFF:
PROJECT 1 ONLY = 585 GPM
PROJECT 2 ONLY 775 GPM
PROJECTS 3 & 4 = 880 GPM
PROJECTS 2, 3 & 4 = 1,184 GPM
YELLOW SPRINGS - FAIRFIELD ROAD
DAYTON ST.
EAST ENON ROAD
KING STREET
HIGH STREET
WALNUT STREET
LIMESTONE
SOUTH COLLEGE STREET
XENIA AVENUE
LIVERMORE STREET
CORRY STREET
ALLEN STREET
U.S. RT. 68
U.S. ROUTE 68
SPRUCE ROAD
HYDE ROAD
WATER SYSTEM PROJECTS
(Results of 2005 Water Distribution Study)