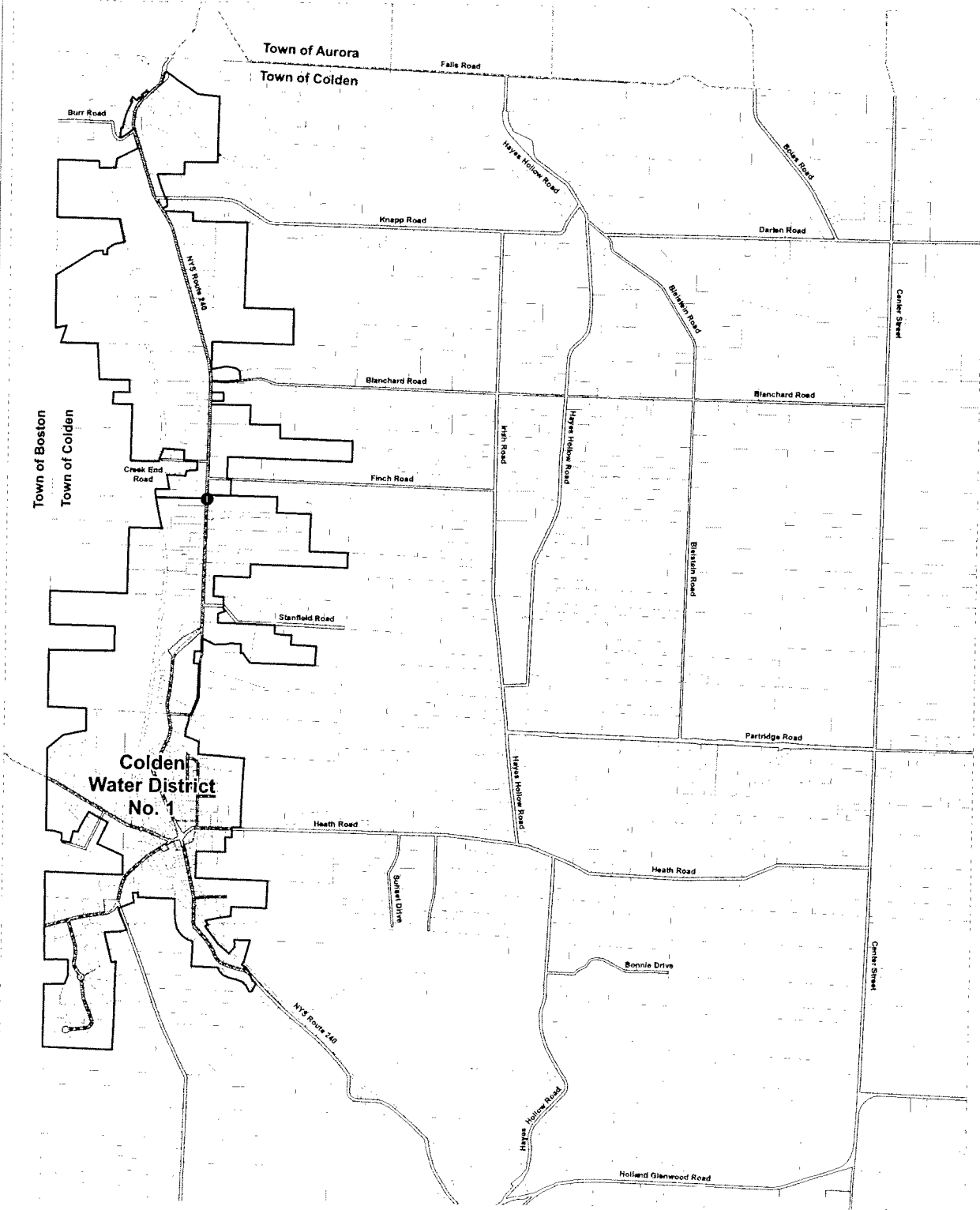
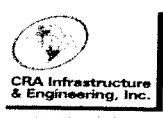


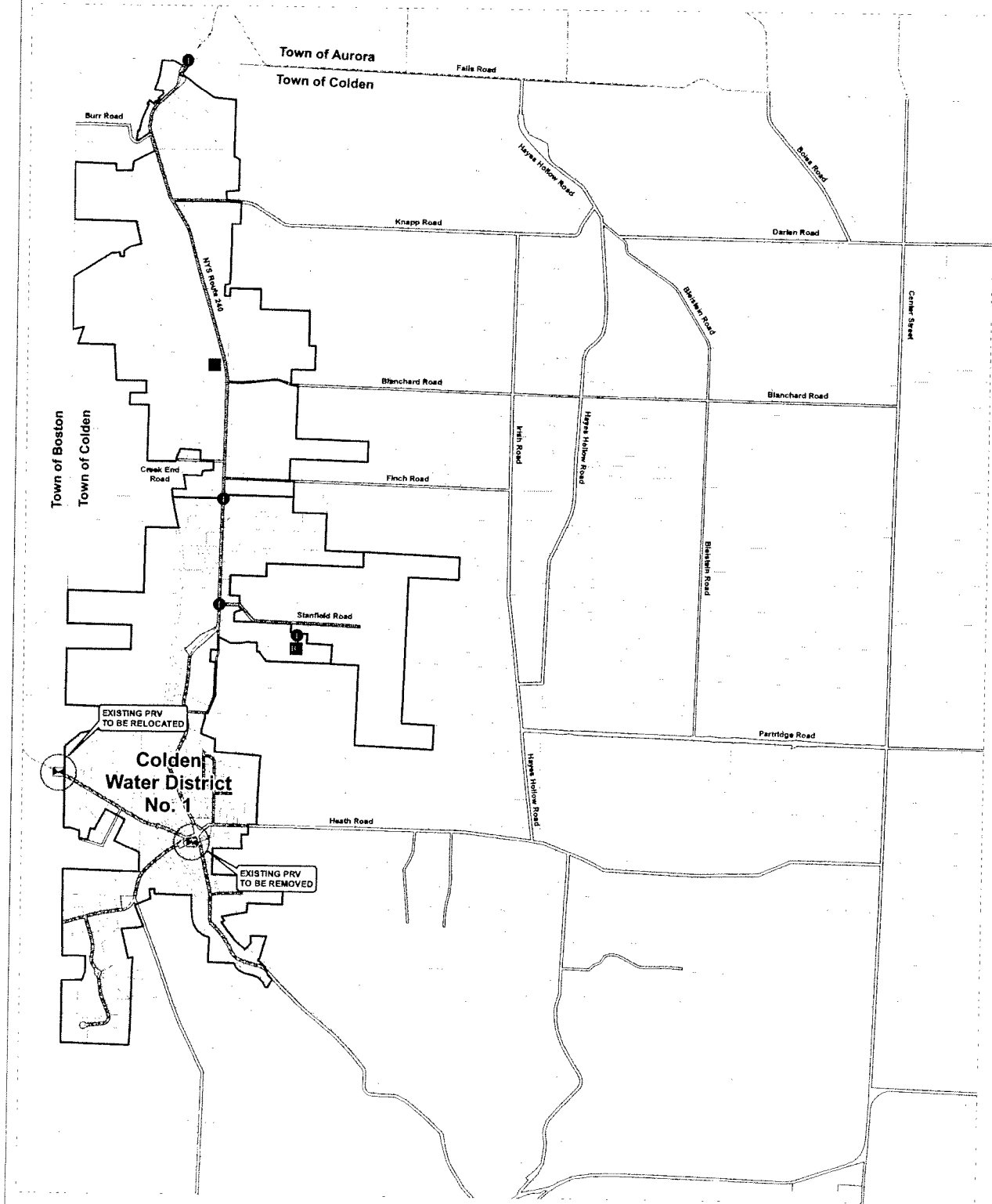
# Town of Colden Proposed Water District OPTION A



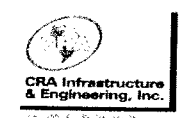
- Legend**
- Interconnection
  - Proposed 10" Watermain
  - Existing Watermain
  - Proposed Water District
  - Parcel Boundary



# Town of Colden Proposed Water District OPTION B

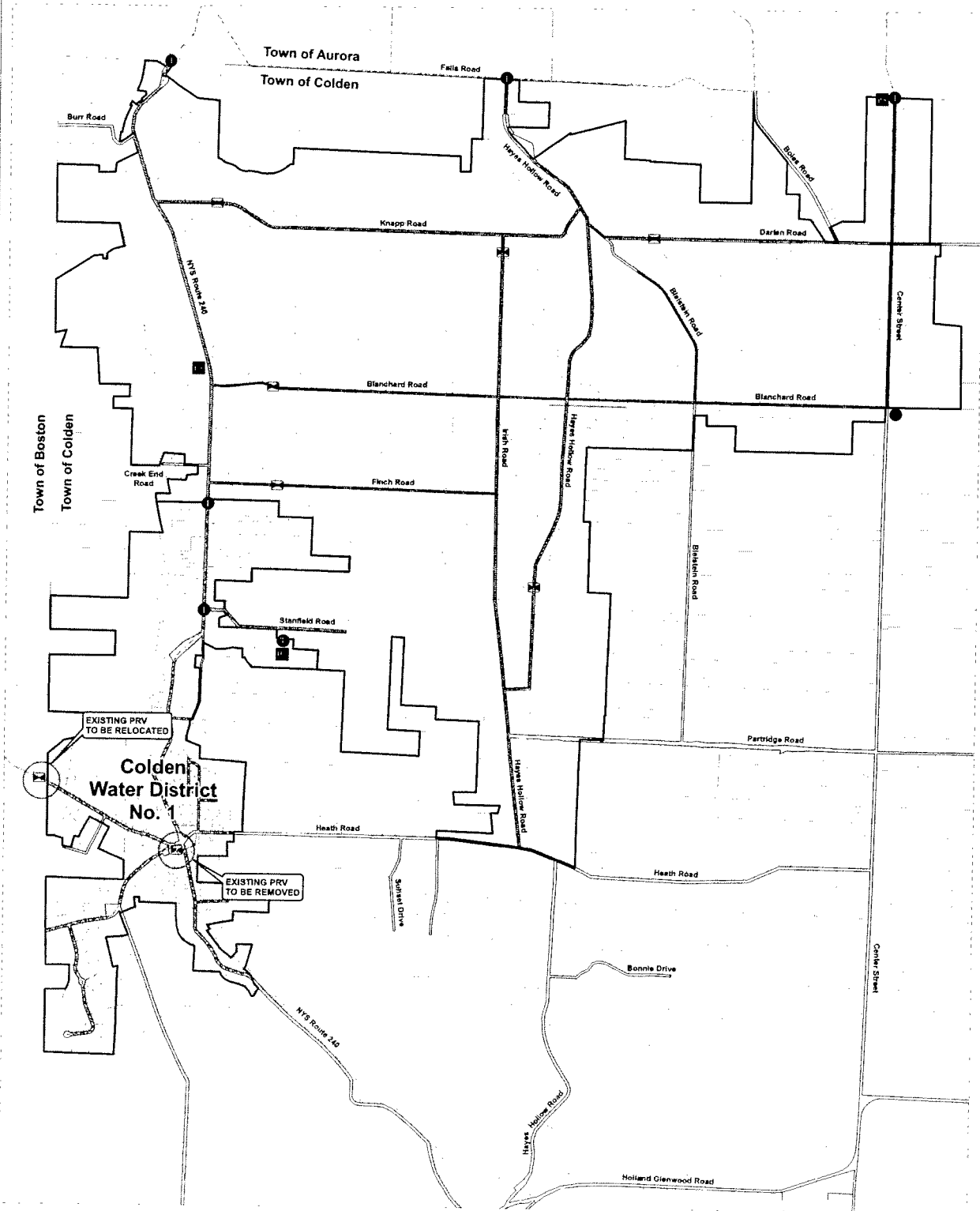


- Legend**
- Proposed Interconnection
  - Proposed PRV
  - Proposed Hydro Pneumatic PS
  - Proposed Water Storage Tank
  - Proposed Pump Station
  - Existing PRV
  - Proposed 8" Watermain
  - Proposed 10" Watermain
  - Existing Watermain
  - Parcel Boundary
  - Proposed Water District



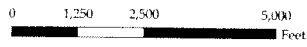
# Town of Colden Proposed Water District

## OPTION C



**Legend**

- Proposed Interconnection
- Proposed PRV
- Proposed Hydro Pneumatic PS
- Proposed Pump Station
- Proposed Water Storage Tank
- Existing PRV
- Proposed 8" Watermain
- Proposed 10" Watermain
- Proposed 12" Watermain
- Existing Watermain
- Parcel Boundary
- Proposed Water District



## Cost Summary

	Option "A"	Option "B"	Option "C"
Estimated Cost	\$1,300,000	\$5,700,000	\$14,300,000
Pipe Length	11,400	37,300	102,900
Number of Connections	71	106	438
Total Parcels	87	131	555
Total Assessment	\$4,606,039	\$7,213,139	\$35,775,732
Typical Single Family Home Assessment	\$65,000	\$65,000	\$65,000
<b>Rural Development Financing (38-years @ 4.15%)</b>			
Annual Debt Service	\$68,576	\$300,678	\$754,333
<b><u>Estimated Impact (Ad Valorem)</u></b>			
Debt Service	\$968	\$2,710	\$1,371
Cost of Water	\$384	\$215	\$215
<b>Total Annual Impact</b>	<b>\$1,352</b>	<b>\$2,925</b>	<b>\$1,586</b>
<b><u>Estimated Impact (Equal Benefit)</u></b>			
Debt Service	\$788	\$2,295	\$1,359
Cost of Water	\$384	\$215	\$215
<b>Total Annual Impact</b>	<b>\$1,172</b>	<b>\$2,510</b>	<b>\$1,574</b>
<b>EFC Financing (30-years @ 0%)</b>			
Annual Debt Service	\$43,333	\$190,000	\$476,667
<b><u>Estimated Impact (Ad Valorem)</u></b>			
Debt Service	\$612	\$1,712	\$866
Cost of Water	\$384	\$215	\$215
<b>Total Annual Impact</b>	<b>\$996</b>	<b>\$1,927</b>	<b>\$1,081</b>
<b><u>Estimated Impact (Equal Benefit)</u></b>			
Debt Service	\$498	\$1,450	\$859
Cost of Water	\$384	\$215	\$215
<b>Total Annual Impact</b>	<b>\$882</b>	<b>\$1,665</b>	<b>\$1,074</b>

## Water Rate Comparison

	Town of Colden	ECWA
Cost of Water (Rate per 1,000 gallons)	\$4.00	\$2.96
Minimum Quarterly Charge	\$40.00 (4,000 gallons)	\$26.64 (9,000 gallons)
Annual Hydrant Charge	\$0.00	\$229.08 (\$65 per parcel)
Meter Deposit	\$75.00	\$0.00

Water Usage (Gallons per quarter)	Town of Colden	ECWA	Savings
2,000	\$40.00	\$26.64	\$13.36
4,000	\$40.00	\$26.64	\$13.36
6,000	\$48.00	\$26.64	\$21.36
8,000	\$56.00	\$26.64	\$29.36
10,000	\$64.00	\$29.60	\$34.40
12,000	\$72.00	\$35.52	\$36.48
14,000	\$80.00	\$41.44	\$38.56
16,000	\$88.00	\$47.36	\$40.64
<b>18,000</b>	<b>\$96.00</b>	<b>\$53.28</b>	<b>\$42.72</b>
20,000	\$104.00	\$59.20	\$44.80
22,000	\$112.00	\$65.12	\$46.88
24,000	\$120.00	\$71.04	\$48.96
26,000	\$128.00	\$76.96	\$51.04
28,000	\$136.00	\$82.88	\$53.12
30,000	\$144.00	\$88.80	\$55.20
32,000	\$152.00	\$94.72	\$57.28
<b>Annual Water Cost Per Average User</b>	<b>\$384.00</b>	<b>\$213.12</b>	<b>\$170.88</b>

Estimated First Year Charges (Not Including Debt Service & Cost of Water)	Town of Colden	ECWA
Service Line	\$750 to \$1,500	\$750 to \$1500
Pressure Reducing Valve (Inside Home)	\$80	\$80
Thermo Expansion Tank	\$100	\$100
Meter Charge	\$75	\$0
	<b>\$1,380</b>	<b>\$1,305</b>

Assessment Value	Estimated Annual Debt Service
\$40,000	\$533
\$60,000	\$799
\$80,000	\$1,066
\$100,000	\$1,332
\$120,000	\$1,599

**\*\*Assumes Option "C" with EFC financing.**

## Per GALLON Relative Costs

Proposed Municipal Water (water only) =	\$	0.003
Proposed water district (water + debt service) =	\$	0.02
"Super Market" gallon of water =	\$	1.00
Gasoline =	\$	2.80
Milk =	\$	3.00
Spring Water (vending machine) =	\$	6.00
Absolut Vodka =	\$	58.00