

**TOWN OF LIMA
PROPOSED WATER DISTRICT NO. 5
COST SUMMARY
March 5, 2024**

	Option 1			Option 1A			Option 2			Option 2A			Option 3 Fire Protection with Village Supply Option			Option 4 Fire Protection with Village Supply Connection		
	No Fire Protection			Partial Fire Protection			Fire Protection			Fire Protection			Fire Protection			Fire Protection		
	Cost	Size (Inches)	Units	Cost	Size (Inches)	Units	Cost	Size (Inches)	Units	Cost	Size (Inches)	Units	Cost	Size (Inches)	Units	Cost	Size (Inches)	Units
Doran Road (1828 Doran Road to Gleason Road) =	\$ 385,000	4	27	\$ 550,000	8	27	\$ 550,000	8	27	\$ 550,000	8	27	\$ 660,000	12	27	\$ 660,000	12	27
Doran Road (Gleason Road to Chase Road) =	\$ 385,000	4	19	\$ 550,000	8	19	\$ 550,000	8	19	\$ 550,000	8	19	\$ 550,000	8	19	\$ 550,000	8	19
Doran Road (Chase Road to North Property Line of 58.-1-7.1) =	\$ 378,000	4	18	\$ 540,000	8	18	\$ 540,000	8	18	\$ 540,000	8	18	\$ 540,000	8	18	\$ 540,000	8	18
Pond Road (Gleason Road to Pump Station Driveway) =	\$ 521,500	4	10	\$ 745,000	8	10	\$ 745,000	8	10	\$ 745,000	8	10	\$ 894,000	12	10	\$ 894,000	12	10
Pond Road (Pump Station Driveway to South End) =	\$ 273,000	4	4	\$ 390,000	8	4	\$ 390,000	8	4	\$ 390,000	8	4	\$ 390,000	8	4	\$ 390,000	8	4
Gleason Road (Pond Road to Doran Road) =	\$ 210,000	4	4	\$ 300,000	8	4	\$ 300,000	8	4	\$ 300,000	8	4	\$ 360,000	12	4	\$ 360,000	12	4
East Main Road (Doran Road to Village Line) =																\$ 1,008,000	12	0
West Main Road (Village Line to 6755 West Main Road) =																		
South Lima Road (Garden Street to Poplar Hill Road) =																		
Poplar Hill Road (West Main Road to Jenks Road) =																		
Poplar Hill Road (Jenks Road to South Lima Road) =	\$ 860,000	8	19	\$ 860,000	8	19	\$ 860,000	8	19	\$ 860,000	8	19	\$ 860,000	8	19	\$ 860,000	8	19
Cleary Road (Poplar Hill Road to Town Line) =																		
Jenks Road (Poplar Hill Road to 6680 Jenks Road) =	\$ 115,500	4	7	\$ 165,000	8	7	\$ 165,000	8	7	\$ 165,000	8	7	\$ 165,000	8	7	\$ 165,000	8	7
Jenks Road (6680 Jenks Road to Plank Road) =																		
Chase Road (7980 Chase Road to Doran Road) =	\$ 63,000	4	2	\$ 90,000	8	2	\$ 90,000	8	2	\$ 90,000	8	2	\$ 90,000	8	2	\$ 90,000	8	2
Chase Road (7980 Chase Road to Plank Road) =																		
Plank Road (Jenks Road to Village Line) =																		
Heath Markham Road (West Main Road to 1863 Heath Markham Road) =	\$ 77,000	4	7	\$ 110,000	8	7	\$ 110,000	8	7	\$ 110,000	8	7	\$ 110,000	8	7	\$ 110,000	8	7
Heath Markham Road (Dalton Road to 7246 Heath Markham Road) =	\$ 161,000	4	10	\$ 230,000	8	10	\$ 230,000	8	10	\$ 230,000	8	10	\$ 230,000	8	10	\$ 230,000	8	10
Dalton Road (Egan Road to Heath Markhem Road) =	\$ 322,000	4	20	\$ 460,000	8	20	\$ 460,000	8	20	\$ 460,000	8	20	\$ 460,000	8	20	\$ 460,000	8	20
Dalton Road (Heath Markhem Road to 1148 Dalton Road) =	\$ 119,000	4	8	\$ 170,000	8	8	\$ 170,000	8	8	\$ 170,000	8	8	\$ 170,000	8	8	\$ 170,000	8	8
Egan Road (Dalton Road to 6874 Egan Road) =	\$ 245,000	4	11	\$ 350,000	8	11	\$ 350,000	8	11	\$ 350,000	8	11	\$ 350,000	8	11	\$ 350,000	8	11
Gale Road (Dalton Street to 7200 Gale Road) =	\$ 150,500	4	10	\$ 215,000	8	10	\$ 215,000	8	10	\$ 215,000	8	10	\$ 215,000	8	10	\$ 215,000	8	10
Corby Road (York Street 7710 to Corby Road) =	\$ 91,000	4	3	\$ 130,000	8	3	\$ 130,000	8	3	\$ 130,000	8	3	\$ 130,000	8	3	\$ 130,000	8	3
Corby Road (York Street 7710 to Bragg Street) =																		
Corby Road (York Street to 7566 Corby Road) =	\$ 98,000	4	7	\$ 98,000	4	7				\$ 140,000	8	7	\$ 140,000	8	7	\$ 140,000	8	7
York Street (Corby Road to 1190 York Street) =	\$ 73,500	4	2	\$ 73,500	4	2				\$ 105,000	8	2	\$ 105,000	8	2	\$ 105,000	8	2
York Street (1148 York Street to 1037 York Street) =	\$ 84,000	4	2	\$ 84,000	4	2	\$ 84,000	4	2	\$ 84,000	4	2	\$ 84,000	4	2	\$ 84,000	4	2
York Street (Corby Road to 1290 York Street) =	\$ 112,000	4	7	\$ 112,000	4	7				\$ 160,000	8	7	\$ 160,000	8	7	\$ 160,000	8	7
Bragg Street (1191 Bragg Street to 1497 Bragg Street) =	\$ 385,000	4	7	\$ 385,000	4	7				\$ 550,000	8	7	\$ 550,000	8	7	\$ 550,000	8	7
West Main Road Services (Town of Avon to 6755 West Main Road) =	\$ 60,000	yes	15	\$ 60,000	yes	15	\$ 60,000	yes	15	\$ 60,000	yes	15	\$ 60,000	yes	15	\$ 60,000	yes	15
New Elevated Water Storage Tank =		no			no			no			no			no			yes	
New Pump Station (Booster Pumps) & Connection to City Main =	\$ 2,000,000	yes			no			no			no			no			no	
New Pump Station (Booster & Fire Pumps) & Connection to City Main =		no		\$ 2,500,000	yes		\$ 2,500,000	yes		\$ 2,500,000	yes		\$ 2,500,000	yes			no	
New Pump Station (Village Supply) & Connection to City Main =		no			no			no			no		\$ 3,000,000	yes		\$ 3,000,000	yes	
Construction Subtotal =	\$ 7,169,000			\$ 9,167,500			\$ 8,499,000			\$ 9,454,000			\$ 10,273,000			\$ 11,281,000		
Contingency (20%) =	\$ 1,433,800			\$ 1,833,500			\$ 1,699,800			\$ 1,890,800			\$ 2,054,600			\$ 2,256,200		
Legal, Engineering, Administration (15%) =	\$ 1,075,350			\$ 1,375,125			\$ 1,274,850			\$ 1,418,100			\$ 1,540,950			\$ 1,692,150		
Total =	\$ 9,678,150			\$ 12,376,125			\$ 11,473,650			\$ 12,762,900			\$ 13,868,550			\$ 15,229,350		
Total Estimated Capital Cost (Rounded) =	\$ 9,680,000			\$ 12,380,000			\$ 11,480,000			\$ 12,770,000			\$ 13,870,000			\$ 15,230,000		
USDA Grant =	\$(3,775,200)			\$(4,828,200)			\$(4,477,200)			\$(4,980,300)			\$(5,409,300)			\$(5,939,700)		
WIIA Grant =	\$(2,613,600)			\$(4,333,000)			\$(4,018,000)			\$(4,469,500)			\$(5,000,000)			\$(5,000,000)		
Net Local Project Cost =	\$ 3,291,200			\$ 3,218,800			\$ 2,984,800			\$ 3,320,200			\$ 3,460,700			\$ 4,290,300		
Estimated Debt Service for 38yrs (2.875%) =	\$ 143,494			\$ 140,338			\$ 130,136			\$ 144,759			\$ 150,884			\$ 187,054		
Village of Lima Contribution =	\$ -			\$ -			\$ -			\$ -			\$ -			\$ (42,000)		
Total Estimated Debt Service for 38yrs =	\$ 143,494			\$ 140,338			\$ 130,136			\$ 144,759			\$ 150,884			\$ 145,054		
Total EDU's =	219.0			219.0			196.0			219.0			219.0			219.0		
Estimated Debt Service/Unit/Year =	\$ 655.22			\$ 640.81			\$ 663.96			\$ 661.00			\$ 688.97			\$ 662.35		
Base Charge (\$40 per Quarter) =	\$ 160.00			\$ 160.00			\$ 160.00			\$ 160.00			\$ 160.00			\$ 160.00		
Usage Charge (\$5 per 1,000 gallons, 50,000 gallons/year) =	\$ 250.00			\$ 250.00			\$ 250.00			\$ 250.00			\$ 250.00			\$ 250.00		
Estimated Yearly Water Cost =	\$ 410.00			\$ 410.00			\$ 410.00			\$ 410.00			\$ 410.00			\$ 410.00		
Total Unit Cost =	\$ 1,065.22			\$ 1,050.81			\$ 1,073.96			\$ 1,071.00			\$ 1,098.97			\$ 1,072.35		
Total Estimated Unit Cost =	\$ 1,066.00			\$ 1,051.00			\$ 1,074.00			\$ 1,071.00			\$ 1,099.00			\$ 1,073.00		