

**2018-2022**  
**FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**  
**WATER PROJECT SUMMARY**

	2018	2019	2020	2021	2022	Category Totals
Design/Engineering	\$85,500	\$58,000	\$0	\$0	\$0	\$0
Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0
Utilities	\$0	\$10,000	\$0	\$0	\$0	\$0
Construction	\$330,000	\$850,000	\$220,000	\$0	\$0	\$0
Contract Admin./Inspection	\$39,600	\$102,000	\$19,200	\$0	\$0	\$0
<b>Yearly Totals</b>	\$455,100	\$1,020,000	\$239,200	\$0	\$0	

Source of Funding Water Revenues: Fund 266

**Grand Total = \$0**

Portion of Cost to be funded by Development

	2018	2019	2020	2021	2022	Category Totals
Design/Engineering						
Right-of-Way						
Utilities						
Construction						
Contract Admin./Inspection						
<b>Yearly Totals</b>	\$0	\$0	\$0	\$0	\$0	

Source of Funding Water Revenues: Deposited to Fund 266

**Grand Total = \$0**

Percentage

#DIV/0!

**2018-2022**  
**FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**  
**WATER PROJECT SUMMARY**

Project	Total Cost	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022	Fund Name	Fund Number
W-20 Water Tank Painting								
Design/Engineering	\$34,000		\$34,000					
Right-of-Way								
Utilities								
Construction	\$340,000		\$280,000	\$60,000				
Contract Admin./Inspection	\$33,600		\$33,600					
<b>TOTAL</b>	<b>\$407,600</b>		<b>\$347,600</b>	<b>\$60,000</b>			Water Revenue	266
W-28 Norwich Street Water Main								
Design/Engineering	\$25,000							
Right-of-Way	\$45,000							
Utilities	\$50,000							
Construction	\$510,000							
Contract Admin./Inspection	\$30,000							
<b>TOTAL</b>	<b>\$660,000</b>						Water Revenue	266
W-45 Hilliard Participation in Columbus Water System Improvements								
Design/Engineering	\$25,500	\$25,500						
Right-of-Way								
Utilities								
Construction	\$290,000	\$120,000	\$170,000					
Contract Admin./Inspection	\$34,800	\$14,400	\$20,400					
<b>TOTAL</b>	<b>\$350,300</b>	<b>\$159,900</b>	<b>\$190,400</b>				Water Revenue	266
W-46 Britton Parkway - Section 3, - 12" Waterline								
Design/Engineering								
Right-of-Way								
Utilities								
Construction	\$210,000	\$210,000						
Contract Admin./Inspection	\$25,200	\$25,200						
<b>TOTAL</b>	<b>\$235,200</b>	<b>\$235,200</b>					Water Revenue	266

**2018-2022**  
**FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**  
**WATER PROJECT SUMMARY**

Project	Total Cost	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022	Fund Name	Fund Number
W-48 Cosgray Road 16" Water Main								
Design/Engineering	\$24,000		\$24,000					
Right-of-Way								
Utilities								
Construction	\$160,000			\$160,000				
Contract Admin./Inspection	\$19,200			\$19,200				
TOTAL	\$203,200		\$24,000	\$179,200			Water Revenue	266
W-49 Old Hilliard Water Line Replacement								
Design/Engineering	\$60,000	\$60,000						
Right-of-Way								
Utilities	\$10,000		\$10,000					
Construction	\$400,000		\$400,000					
Contract Admin./Inspection	\$48,000		\$48,000					
TOTAL	\$518,000	\$60,000	\$458,000				Water Revenue	266

**C.I.P. No. W-20  
Water Tank Painting**

This project provides for regular painting of the water towers in Hilliard. Currently, this project involves the Wayne Street, Westbrook Drive and Cosgray Road water tanks. As additional tanks are constructed in the City, they will be added to the painting program.

Tanks should be painted approximately every 10 to 15 years. The Wayne Street (Old Hilliard) water tank was last painted in the early 1990s and was repainted in 2007. The Westbrook Drive tank was repainted in 2013. Engineering studies have shown these tanks have lead paint that will require special protection during the removal of the lead and cadmium. The Cosgray Road water tank was constructed in 2000 and is not scheduled for repainting until 2019.

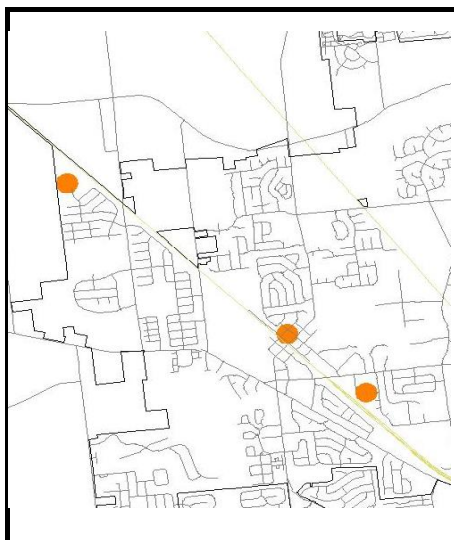
**2019 - \$347,600**

Design for Cosgray Road Water Tower Painting  
Cosgray Road Water Tower Painting  
Design for Hoffman Farms Water Tower Painting

**2020 - \$60,000**

Estates of Hoffman Farms and Water Tower Painting. Hilliard share - \$60,000

Location Map  
(No Scale)



Figures below are for 5 year program  
uses current year \$

Design/Engineering	\$34,000
Right-of-Way	\$0
Utilities	\$0
Construction	\$340,000
Contract Admin./Inspection	\$33,600
<b>Total</b>	<b>\$407,600</b>

Companion C.I.P.'s

None

Authorizing Legislation

Annual CIB Ordinance

Funding Source

Department	531
Fund Name	Water Revenue
Fund Number	266

Project Origin

2004 CIP/CIB  
Priority Level: 1

	Fiscal Year = 2018				
	2018	2019	2020	2021	2022
Design/Engineering		\$34,000			
Right-of-Way					
Utilities					
Construction		\$280,000	\$60,000		
Contract Admin./Inspection		\$33,600			

**C.I.P. No. W-45**

**Hilliard Participation in Columbus Water System Improvements**

This project is established to provide a funding source for joint improvements to the water system in the Hilliard area with the City of Columbus. Funding for design and construction administration and inspection have been included.

**2018 - \$159,900**

Design of the Hilliard Roger A. Reynolds Municipal Park Waterline extension and loop \$25,500  
 Point Pleasant Booster Station Improvements \$ 120,000

**2019 - \$190,400**

Construction of the Hilliard Roger A. Reynolds Municipal Park Waterline extension and loop.

Location Map  
(No Scale)



Figures below are for 5 year program  
uses current year \$

Design/Engineering	\$25,500
Right-of-Way	\$0
Utilities	\$0
Construction	\$290,000
Contract Admin./Inspection	\$34,800
<b>Total</b>	<b>\$350,300</b>

Companion C.I.P.'s  
None

Authorizing Legislation  
Annual CIB Ordinance

Funding Source

Department	531
Fund Name	Water Revenue
Fund Number	266

Project Origin  
204 CIP/CIB  
Priority Level: 1

	Fiscal Year = 2018				
	2018	2019	2020	2021	2022
Design/Engineering	\$25,500		\$0	\$0	\$0
Right-of-Way					
Utilities					
Construction	\$120,000	\$170,000			
Contract Admin./Inspection	\$14,400	\$20,400	\$0	\$0	\$0

**C.I.P. No. W-46**

**Britton Parkway - Section 3, - 12" Waterline**

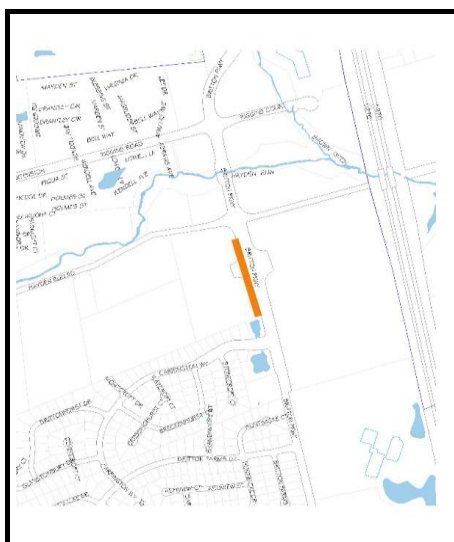
This project consists of 900 linear feet of a new 12-inch waterline along a portion of Britton Parkway, being approximately 100 feet to 1,000 feet south of Hayden Run Road.

Design for this project began in 2015 and was completed in 2017, being paid for as part of the Columbus Campus, LLC as part of a development project. Project costs are \$210,000 for construction and \$25,200 construction administration/inspection services. The project schedule provides for engineering being done in conjunction with a 629 Grant 2015-17 with grant participation of \$140,000 (waterline portion) in 2015-17 and construction now in 2018 following all utility relocation work associated with CIP T-117.

**2018 - \$230,800 \$235,200**

12 inch watermain connection in conjunction with the VADATA CENTER  
Carryover from 2017 CIB

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$210,000
Contract Admin./Inspection	\$25,200
<b>Total</b>	<b>\$235,200</b>

Companion C.I.P.'s

T-68B, T-117, S-36, ST-36

Authorizing Legislation

Annual CIB Ordinance

Funding Source

Department	
Fund Name	Water Revenue
Fund Number	266

Project Origin

2006 CIP/CIB

	Fiscal Year = 2018				
	2018	2019	2020	2021	2022
Design/Engineering					
Right-of-Way					
Utilities					
Construction	\$210,000				
Contract Admin	\$25,200				

**C.I.P. No. W-48**  
**Cosgray Road 16" Water Main**

The design and construction of 1,100 linear feet of 16 inch water main along Cosgray Road, approximately 350' to 1,450' north of Scioto Darby Road. This project would connect existing water lines to the north and south, providing an additional water line loop that would help to boost water pressure in this area.

**2019 Design \$24,000**

**2020 Construction Project - \$179,200**

Location Map  
(No Scale)



Figures below are for 5 year program  
uses current year \$

Design/Engineering	\$24,000
Right-of-Way	\$0
Utilities	\$0
Construction	\$160,000
Contract Admin./Inspection	\$19,200
<b>Total</b>	<b>\$203,200</b>

Companion C.I.P.'s  
None

Authorizing Legislation  
Annual CIB Ordinance

Funding Source

Department	531
Fund Name	Water Revenue
Fund Number	266

Project Origin  
2004 CIP  
Priority Level: I

	Fiscal Year = 2018				
	2018	2019	2020	2021	2022
Design/Engineering		\$24,000			
Right-of-Way					
Utilities					
Construction			\$160,000		
Contract Admin./Inspection		\$0	\$19,200		

**C.I.P. No. W- 49**

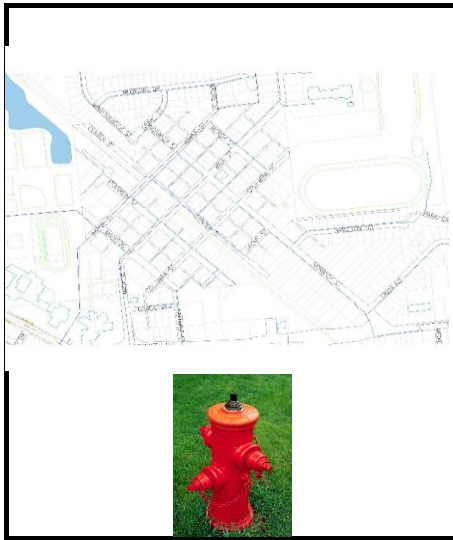
**Old Hilliard Water Line Replacement**

This project replaces approximately 2,900 linear feet of 2-inch and 4-inch diameter water line in Old Hilliard. Some of the alleys and streets in Old Hilliard have existing 2-inch and 4-inch water lines that are substandard in size. After repairing a break in one of them in 2010, it was noted that these lines are cast iron material in poor condition as well. Existing 2-inch and 4-inch water lines will be replaced with 6-inch or 8-inch water lines adequately sized for the area to be served. Additional fire hydrants may be constructed in those areas that lack an adequate amount of hydrants. The project would include the replacement of alley pavement for those water lines located in alleys.

**2018 Design - \$60,000**

**2019 Construction - \$458,000**

Location Map  
(No Scale)



Figures below are for 5 year program  
uses current year \$

Design/Engineering	\$60,000
Right-of-Way	\$0
Utilities	\$10,000
Construction	\$400,000
Contract Admin./Inspection	\$48,000
<b>Total</b>	<b>\$518,000</b>

Companion C.I.P.'s  
None

Authorizing Legislation  
Annual CIB Ordinance

Funding Source

Department	531
Fund Name	Water Revenue
Fund Number	266

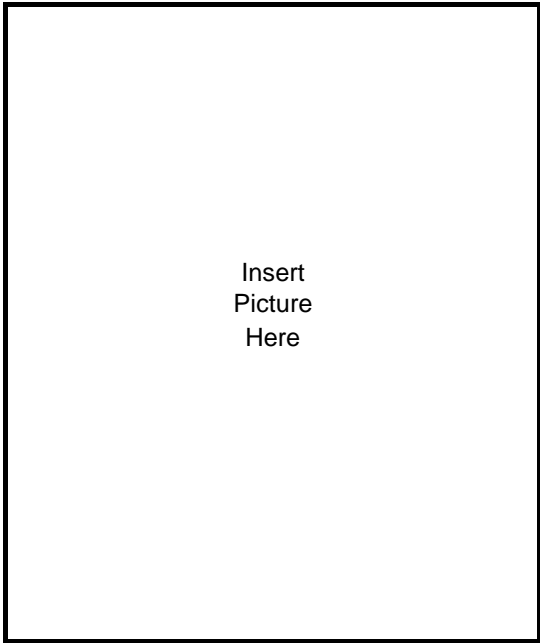
Project Origin  
2004 CIP  
Priority Level: 1

	Fiscal Year = 2018				
	2018	2019	2020	2021	2022
Design/Engineering	\$60,000				
Right-of-Way					
Utilities		\$10,000			
Construction		\$400,000			
Contract Admin./Inspection		\$48,000			



C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s



Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



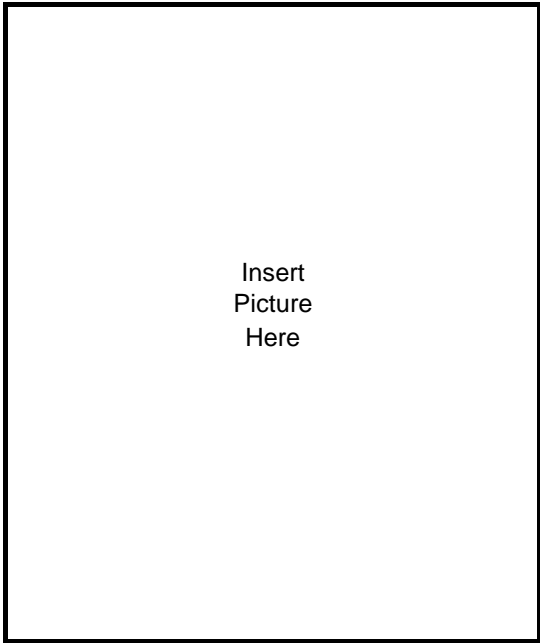
Project Origin



Priority Level: I

C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s

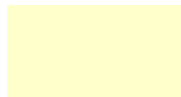


Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



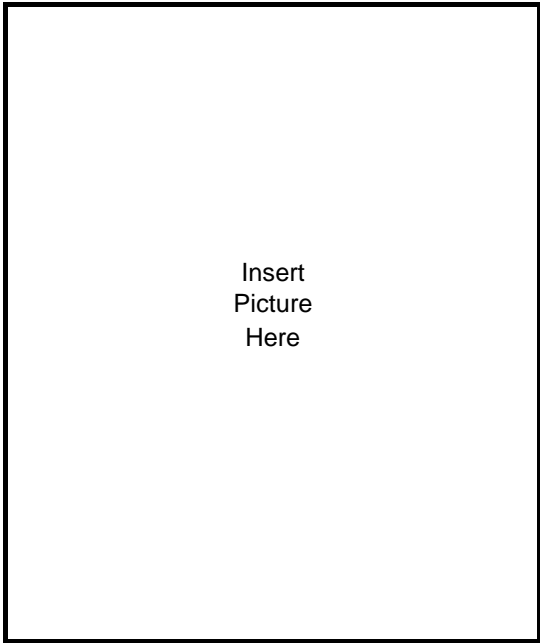
Project Origin



Priority Level: I

C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s



Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



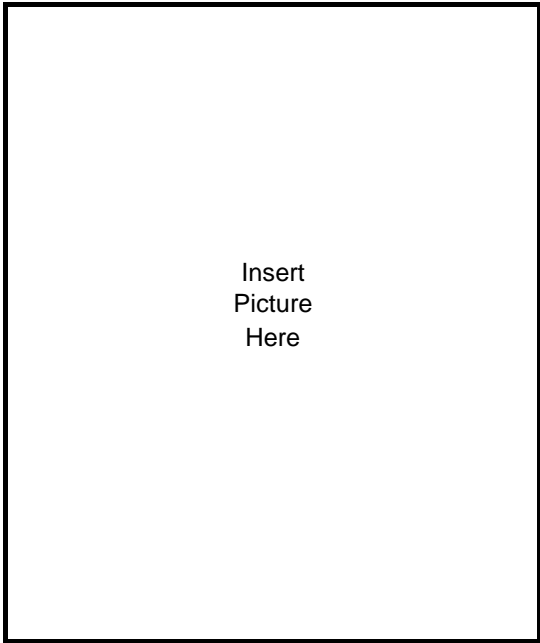
Project Origin



Priority Level: I

C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s

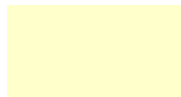


Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



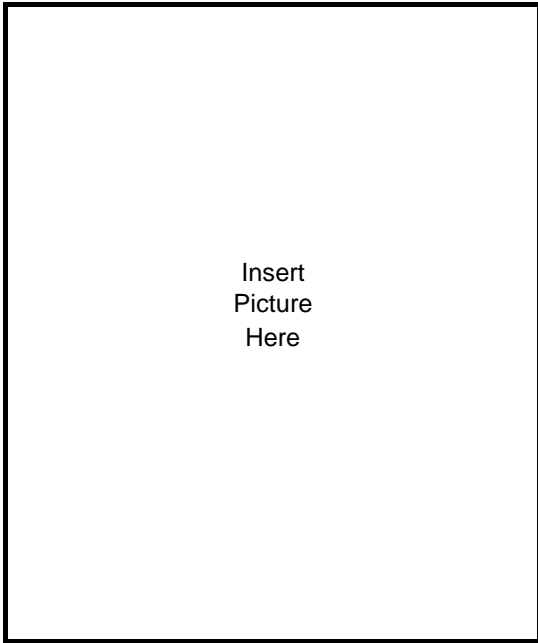
Project Origin



Priority Level: I

C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s



Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



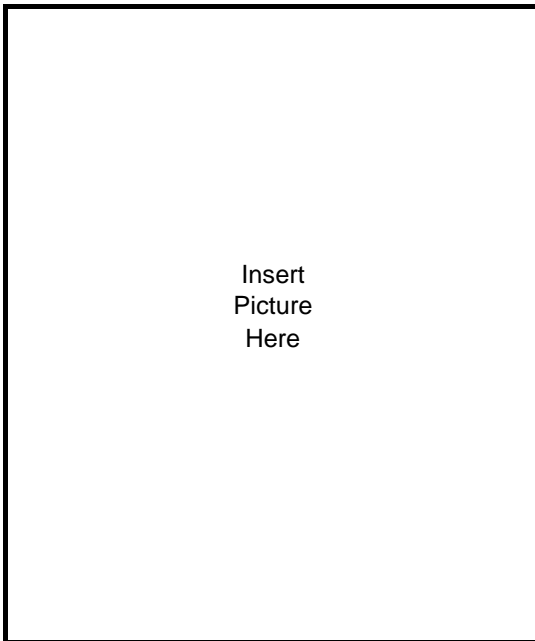
Project Origin



Priority Level: I

C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s



Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



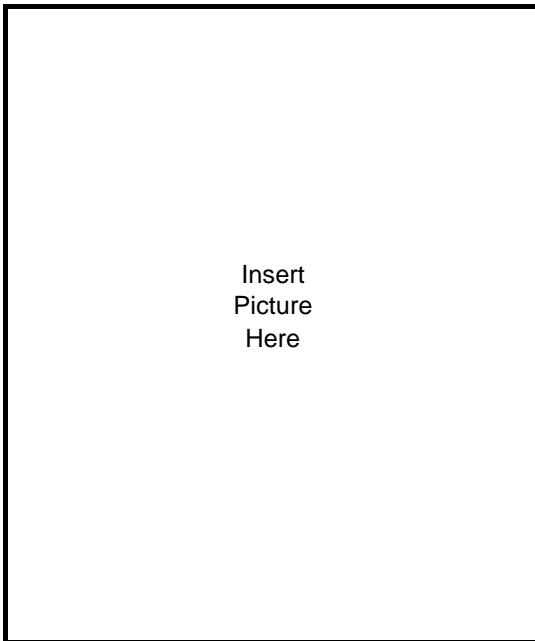
Project Origin



Priority Level: I

C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s



Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



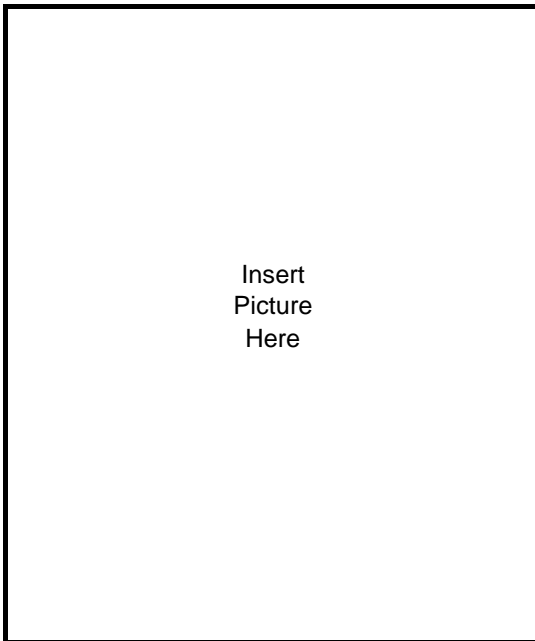
Project Origin



Priority Level: I

C.I.P. No. W-  
PROJECT TITLE

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$0

Companion C.I.P.'s



Authorizing Legislation



Funding Source

Department  
Fund Name  
Fund Number



Project Origin

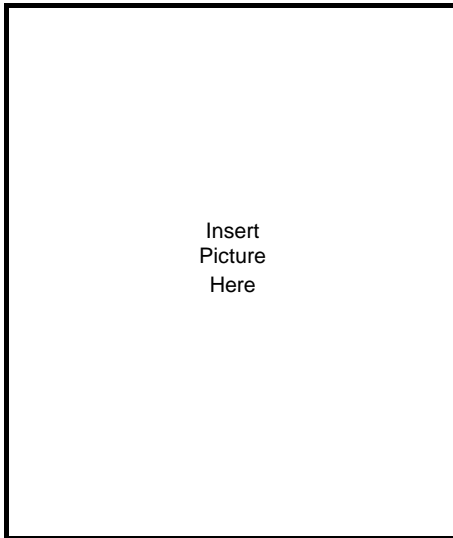


Priority Level: I



**C.I.P. No. W-  
PROJECT TITLE**

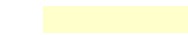
Location Map  
(No Scale)



Figures below are for 5 year program  
using 2009 dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
<b>Total</b>	<b>\$0</b>

Companion C.I.P.'s



Authorizing Legislation



Funding Source

Department	
Fund Name	
Fund Number	

Project Origin



Priority Level: 1

Fiscal Year = 2018

	2018	2019	2020	2021	2022
Design/Engineering					
Right-of-Way					
Utilities					
Construction					
Contract Admin./Inspection					

## C.I.P. No. W-28

### Norwich Street Water Main

This project constructs approximately 3,000 feet of a new 12-inch water main along Norwich Street between Cemetery Road and Wayne Street. This upgrade to the water distribution system was recommended in 1994 and 2001 in the Water Master Plan Studies. This project is currently being designed in conjunction with a companion roadway improvement project, CIP T-19 Norwich Street Reconstruction. It may be beneficial from a construction standpoint to divide the waterline project into two phases. Phase 1 would construct the waterline from Wayne Street to the east side of Main Street as part of CIP T-120 Main Street Reconstruction; Phase 2 would construct the waterline from Main Street to Cemetery Road as part of CIP T-19. If the Main Street Reconstruction project is constructed prior to the Norwich Street project, the waterline will be split into two projects. If the Norwich Street project is constructed prior to the Main Street project, the waterline will be constructed as one project. The scheduling of the projects is dependent on funding from pending grant applications.

Engineering of the two companion projects is underway. \$25,000 is allocated for design contingency in 2006. Temporary or permanent easements for both this project and CIP T-19 will be acquired in 2006 and funded from this project. The estimated cost of these easements is \$35,000 for land and \$10,000 for professional acquisition services. Private utilities must be relocated in order to construct both this project and CIP T-19. These relocations will occur in 2007 and be funded from this project. The estimated cost of these relocations is \$50,000.

Construction of both this project and T-19 is scheduled for 2007. Construction of the waterline project only would require a significant amount of Norwich Street pavement replacement. Therefore, approximately 40% of the construction cost for CIP T-19 has been included with this waterline project. The estimated construction cost, including the above portion from CIP T-19, is \$510,000. The estimated cost for contract administration and construction inspection is \$30,000 for the waterline project only.

Location Map  
(No Scale)



Figures below are for 5 year program  
using 2006 dollars

Design/Engineering	\$25,000
Right-of-Way	\$45,000
Utilities	\$50,000
Construction	\$510,000
Contract Admin./Inspection	\$30,000
<b>Total</b>	<b>\$660,000</b>

Companion C.I.P.'s

T-19, T-120

Authorizing Legislation

Ord. 06-17

Funding Source

Department		531	
Fund Name	Water Revenue		
Fund Number	266	FY06	

Project Origin

**C.I.P. No. W-47(D)**

**Edwards Farm Drive (formerly Trueman Blvd - Section 3) Waterline**

This project will be designed and constructed in conjunction with the CIP T-69C Edwards Farm Drive roadway project. It consists of construction of a new 12-inch water line along the new portion of Trueman Boulevard north of Davidson Road being constructed for the Vision Development.

According to the City's 2001 water master plan, the water line north of Davidson Road is not needed for system wide water distribution purposes. Therefore, the new 12-inch water line will be built primarily to serve the Vision Development and future developments abutting this section of Edwards Farm Drive..

**2017 \$ 134,400**

Vision Development's estimated construction cost for 12" water line

Location Map  
(No Scale)



Figures below are for 5 year program  
uses current year \$

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
<b>Total</b>	<b>\$0</b>

Companion C.I.P.'s

T-69C

Authorizing Legislation

Ord. 06-17

Funding Source

Department	531
Fund Name	Water Revenue
Fund Number	266

Project Origin

Priority Level: I

	Fiscal Year = 2018				
	2018	2019	2020	2021	2022
Design/Engineering					
Right-of-Way					
Utilities					
Construction					
Contract Admin./Inspection	\$0				

**FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
 WATER PROJECT SUMMARY**

**C.I.P. No. W-50**

**Riggins - Wilcox Roads Waterline Extensions**

This projects extends a 16-inch water main along Riggins Road west of Wilcox and a 12-inch water main along Wilcox Road through the roundabout and connects them. It also provides for stubs for future development to the south along Wilcox Road and west to undeveloped land.  
 400-feet of 12 inch water line w/ Fire Hydrants.  
 1,780-feet of 16-inch water line w/Fire Hydrants.

**2016 - \$355,000**

The Riggins Road extension will be constructed in 2016 so the waterline along Riggins will need to be extended as part of that project.  
 This project is funded using carryover funds from the 2015 CIB. W-50 Hilliard CIP line item 304.531.55902

Location Map  
 (No Scale)



Figures below are for 5 year program  
 uses current year \$

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
<b>Total</b>	<b>\$0</b>

Companion C.I.P.'s  
 T-135 & S-40

Authorizing Legislation

Funding Source

Department	531
Fund Name	CIP
Fund Number	304

Project Origin  
 Priority Level: I

	Fiscal Year = 2018				
	2018	2019	2020	2021	2022
Design/Engineering					
Right-of-Way					
Utilities					
Construction					
Contract Admin./Inspection					

