

- Innovation
- Water MP Right Sizing
- Reliability/Redundancy
- NEWTP Repurposing

Project Status Active

CIP Type Project

Project New To CIP

Ford Road Booster
Pumping Station



Project Engineer/Manager Timothy Kuhns

Manager Grant Gartrell

Managing Dept Water Eng

Date Original Business Case Prepared 6/26/2014

Year Project Added to CIP 2014

Budget Water

Class Lvl 1 Water

Class Lvl 2 SCC

Class Lvl 3 Pump Station/Reservoir

Location Wayne County - Outside Detroit

Fund and Cost Center Water - 5519-882111

Project Significance	Design of pressure and flow control equipment for efficient delivery of consistent pressures to wholesale customers at Ford Road water booster pumping station
Scope of Work	The work involves designing variable speed pumping equipment and controls on line and reservoir pumping units to better match water demands to efficiently provide consistent pressures and flows to wholesale customers in the service area.
Challenges	N/A - Under Procurement
Project History	n/a
Related Project	none
Lookup Driver	7 - Financial
Other Important Info	n/a
Explanation	N/A - Under Procurement

PM Weighted Score

47.4

Criteria	Score	Comment
Condition	2	
Efficiency and Innovation	4	
Financial	4	
O&M	3	
Performance (Service Level/Reliability)	3	
Public Benefit	3	
Public Health & Safety	1	
Regulatory (Environmental/Legal)	1	

RC Weighted Score

43.4

Criteria	Score	Comment
Condition	2	
Efficiency and Innovation	3	
Financial	4	
O&M	2	
Performance (Service Level/Reliability)	3	
Public Benefit	3	
Public Health & Safety	1	
Regulatory (Environmental/Legal)	1	



**GLWA FY 2020-2024 CIP
Ford Road Pumping Station, Pressure and Control Improvements**

132006 CIP#

Phase not applicable

Contract NA

Status Closed Out

Title Prior Year Actual Expenses

Phase Budget

Phase Status

Start Date

End Date

Cost Allocation

Funding Source

Fund

Useful Life >20Yrs?

Tot. Federal Loan Amount

Cost Estimation Information	
<input type="text" value="5"/>	Cost Est. Class
<input type="text" value="1/1/2015"/>	Cost Est. Date
<input type="text" value="CDM Smith"/>	Cost Est. Source
<input type="text" value="CDM Smith"/>	Cost Est. Prepared By

Program/Allowance Task Information

Project Manager

CIP Number

Description

Cost Type	Fiscal Year	Expense	Fringe Benefit	NonPersonne	Comment
Engineering Services	FY18-	\$146			FY18
Unknown	FY18-	\$8			FY17
GLWA Salaries CIP2020	FY18-	\$5	2	0	FY18

Prior Yr Actuals	FY19	FY20	FY21	FY22	FY23	FY24	FY25+	Total
161								161

Phase Total Expenses By FY (All figures are in \$1,000's)



Ford Road Pumping Station, Pressure and Control Improvements

Phase GLWA Employees Project management

Contract NA

Status Active

Title GLWA Salaries

Phase Budget

Phase Status

Start Date

End Date

Cost Allocation

Funding Source

Fund

Useful Life >20Yrs?

Tot. Federal Loan Amount

Cost Estimation Information	
<input type="text" value="5"/>	Cost Est. Class
<input type="text" value="1/1/2015"/>	Cost Est. Date
<input type="text" value="CDM Smith"/>	Cost Est. Source
<input type="text" value="CDM Smith"/>	Cost Est. Prepared By

Program/Allowance Task Information

Project Manager

CIP Number

Description

Cost Type	Fiscal Year	Expense	Fringe Benefit	NonPersonne	Comment
GLWA Salaries CIP2020	FY19	\$17	7	1	
GLWA Salaries CIP2020	FY20	\$17	7	1	
GLWA Salaries CIP2020	FY21	\$12	5	1	

Prior Yr Actuals	FY19	FY20	FY21	FY22	FY23	FY24	FY25+	Total
	25	25	18	0	0	0	0	68

Phase Total Expenses By FY (All figures are in \$1,000's)



Ford Road Pumping Station, Pressure and Control Improvements

Phase Design & Construction Assistance

Contract CS-1749

Status Active

Title CS-1749 Pressure and Control Improvements at the Electric, Ford Road, Michigan, and West Chicago Water Booster Pumping Stations

Bennesch

Phase Budget Water

Cost Allocation CTA

Phase Status Active

Funding Source Bond Proceeds

Start Date 9/6/2017

Fund Construction Bond Fund

End Date 12/6/2019

Useful Life >20Yrs? Yes

Tot. Federal Loan Amount

Cost Estimation Information

<input type="text" value="1"/>	Cost Est. Class
<input type="text"/>	Cost Est. Date
<input type="text"/>	Cost Est. Source
<input type="text"/>	Cost Est. Prepared By

Program/Allowance Task Information

Project Manager	<input type="text"/>
CIP Number	<input type="text"/>
Description	<input type="text"/>

Cost Type	Fiscal Year	Expense	Fringe Benefit	NonPersonne	Comment
Engineering Services	FY19	\$150			
Engineering Services	FY20	\$150			
Engineering Services	FY21	\$0			

Task	Start Date	End Date	Duration
Scope Development	6/6/2016	9/4/2016	90
Procurement	9/5/2018	9/5/2019	365
Project Execution	9/6/2017	7/28/2020	1056
Project Closeout	7/29/2020	10/27/2020	90

Prior Yr Actuals	FY19	FY20	FY21	FY22	FY23	FY24	FY25+	Total
	150	150	0	0	0	0	0	300

Phase Total Expenses By FY (All figures are in \$1,000's)



Ford Road Pumping Station, Pressure and Control Improvements

Phase Construction

Contract NA

Status Active

Title Pressure and Control Improvements at the Electric, Ford Road, Michigan, and West Chicago Water Booster Pumping Stations

Phase Budget Water

Cost Allocation CTA

Phase Status Active

Funding Source Bond Proceeds

Start Date

Fund Construction Bond Fund

End Date

Useful Life >20Yrs? Yes

Tot. Federal Loan Amount

Cost Estimation Information

<input type="text" value="4"/>	Cost Est. Class
<input type="text"/>	Cost Est. Date
<input type="text"/>	Cost Est. Source
<input type="text"/>	Cost Est. Prepared By

Program/Allowance Task Information

Project Manager	<input type="text"/>
CIP Number	<input type="text"/>
Description	<input type="text"/>

Cost Type	Fiscal Year	Expense	Fringe Benefit	NonPersonne	Comment
Construction	FY19	\$60			
Construction	FY20	\$2,340			

Task	Start Date	End Date	Duration
Scope Development	6/6/2018	9/4/2018	90
Procurement	9/5/2018	5/23/2019	260
Project Execution	5/24/2019	10/8/2020	503
Project Closeout	10/9/2020	1/7/2021	90

Prior Yr Actuals	FY19	FY20	FY21	FY22	FY23	FY24	FY25+	Total
	60	2,340	0	0	0	0	0	2,400

Phase Total Expenses By FY (All figures are in \$1,000's)

Project Total Expenses By FY Compared to Prior CIPs (All figures are in \$1,000's)

CIP	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	Total
2018			200	2,800					0	0	3,000
2019	0	8	106	245	1,805	445				0	2,609



Ford Road Pumping Station, Pressure and Control Improvements

CIP	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	Total		
2020	0	0	161	235	2,515	18	0	0	0	0	2,929		