

PROJECT TITLE: Pipeline Cathodic Protection Replacement Program				CIP Number: P2508																											
				DIRECTOR DIVISION: 0																											
PROJECT MANAGER: Jeff Marchioro				I.D. LOCATION: District Wide																											
ORIGINAL APPROVED DATE: 5/17/2010				PRIORITY: 1																											
RELATED CIP PROJECTS:				BUDGET AMOUNT: \$300,000																											
DESCRIPTION OF PROJECT: This project is for the replacement and repairs of existing cathodic protection systems on various pipelines.																															
JUSTIFICATION OF PROJECT: The ongoing cathodic protection program efforts have identified various pipelines for anode replacement, cathodic test station repair, installation of isolation kits, and repair of existing anode beds.																															
COMMENTS:																															
FUND DETAILS: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">FUNDING SOURCE:</th> <th>Expansion</th> <th>Betterment</th> <th>Replacement</th> <th>New Water Supply</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Replacement</td> <td style="text-align: center;">0 %</td> <td style="text-align: center;">0 %</td> <td style="text-align: center;">100 %</td> <td style="text-align: center;">0 %</td> <td style="text-align: center;">100 %</td> </tr> <tr> <td>TOTAL:</td> <td style="text-align: center;">0 %</td> <td style="text-align: center;">0 %</td> <td style="text-align: center;">100 %</td> <td style="text-align: center;">0 %</td> <td style="text-align: center;">100 %</td> </tr> </tbody> </table>								FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total	Replacement	0 %	0 %	100 %	0 %	100 %	TOTAL:	0 %	0 %	100 %	0 %	100 %						
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EXPENDITURE SCHEDULE (X \$1,000): <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>PRIOR YEARS:</th> <th>FY</th> <th>FY</th> <th>FY</th> <th>FY</th> <th>FY</th> <th>FY</th> <th>FY</th> </tr> <tr> <th>TOTAL</th> <th>2014</th> <th>2015</th> <th>2016</th> <th>2017</th> <th>2018</th> <th>2019</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>\$15</td> <td>\$60</td> <td>\$125</td> <td>\$100</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$300</td> </tr> </tbody> </table>								PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY	TOTAL	2014	2015	2016	2017	2018	2019	Total	\$15	\$60	\$125	\$100	\$0	\$0	\$0	\$300
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PROJECT SCHEDULE:

PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2010	6/1/2013	\$15
DESIGN:	6/1/2013	12/1/2013	\$45
CONSTRUCTION:	3/5/2014	9/1/2016	\$240

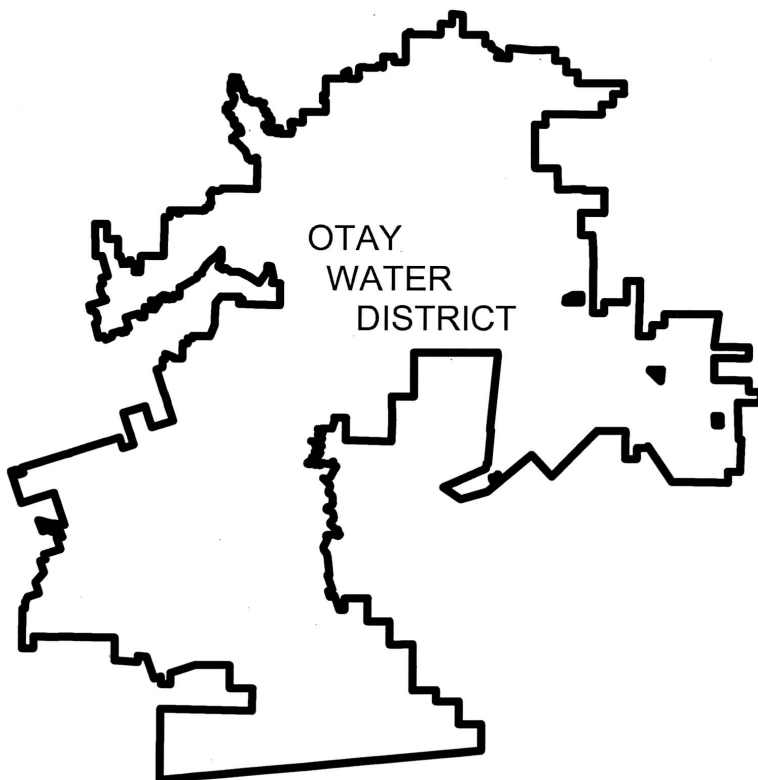
PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2014	2015	2016	2017	2018	2019	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

Thomas Bros. Map:

OWD Map Book:



Submitted By: Bob Kennedy

Date: 4/29/2013