

CPI Tracking and Outcome Report – Fire Hydrant Repainting

Project Summary Information

Department	Public Works	Date Launched	July 2014	Project Status	Completed/Control (Highlight One)	Open
Project Description	Increase the time between repainting fire hydrants through an evaluation of the process and materials used.					
Problem Statement	Fire Hydrants are requiring repainting more frequently than planned and the impact to citizens when completing the process produces noise and obstructs property during the process.					
Customers	Citizens					
Stakeholders	Public Works employees					

Phase Updates DMAIC - (Define, Measure, Analyze, Improve, Control)

Define

Date	Action/Outcome	Comments	Action Item/ Outcome
7/3/14	Identify the root causes for having to repainting fire hydrants more frequently than planned.	<ul style="list-style-type: none"> • Can more efficient stripping lead to better adherence • Could a change to a better paint, such as used on water towers increase the time between repainting. 	Look at methods available to strip Look into paint costs based on coverage

Measure

Date	Action/Outcome	Comments	Action Item /Outcome

Analyze

Date	Action/Outcome	Comments	Action Item/ Outcome
7/7/14	• Review stripping methods available.	Investigate tooling options	Investigate the alternative

	<ul style="list-style-type: none"> Review paint alternatives. Establish if there are other alternatives that might improve the time between painting and impact on staff. 	including possibility of designing a tool themselves to improve paint removal.	costs Investigate cost based on See if outsourcing may be alternative
7/14/14	<ul style="list-style-type: none"> Review solution set and quantify best solutions Quantify cost of solutions 	Used decision matrix to complete Used decision matrix to complete	Identify best solution for implementation

Improve/Implementation

Date	Action/Outcome	Comments	Action Item/ Outcome
7/21/14	Review matrixes and information and discuss each thoroughly	<ul style="list-style-type: none"> Better paint-optimal solution Stripping could improve, maybe designing tool another project Outsourcing not an option, not enough volume to get good pricing and there is "down" time available to paint. 	Cost of paint can be recouped since greater time will occur between repainting.

Cost Mitigation

Area for Cost Savings	Measure the amount and cost of paint over several years to establish performance	Estimated Annual Cost Savings
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Completion

Presentation Date		Completion Date	7/14/14	Celebration Date		On Going Project	Yes	No
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Control

Date	Action/Outcome	Comments	Action Item /Outcome
Ongoing	Monitor effectiveness of new paint	Report issues to whom?	Open