Strategic Lean Project Report

WSDOT Timesheet Processing for Ferries

Agency: Department of Transportation

Project Impact

The Department of Transportation improved the timesheet intake process for Ferries employees, resulting in a reduction by more than 70% in the labor hours it takes to process nearly 5,000 timesheets twice each month. Reducing the labor hours of this process enables payroll employees to focus on other value-added work. For example, they have been able to focus on the data migration from Oracle to I-Linx databases, which has the added benefit of increasing data accuracy.

One of WSDOT’s three strategic goals is to enact Practical Solutions by prioritizing innovative, timely, and cost-effective solutions. The counter-measures used in this project—such as dramatically reducing timesheet printing and scanning in favor of a digital process—are an example of how Practical Solutions can save time, increase our sustainability, and reduce the errors caused by over-processing.

Project Summary

The process of scanning time sheets into Oracle, printing, annotating, entering into the Marine Labor System (MLS,) and verifying eligibility, was labor intensive and error prone. Headquarters payroll, who manages this process, wanted to increase efficiency, reduce errors, and reduce duplicated work.

Payroll employees spent 22 hours per month entering timesheets into the system, compared to our target of 11 hours, which we wanted to reach by 3/31/2020. In addition, over 600 timesheets processed each pay period were duplicates compared to our target of 100, which we wanted to reach by 3/31/2020.

Working with staff from WSF, payroll employees implemented the following:

- Eliminated duplicate timesheet processing by emailing all timesheets instead of a combination of email and paper submissions.
- Eliminated the old scanners and printers by adopting a digital system, which decreased processing time and increased accuracy.
- Cross-trained payroll employees to process Ferries deck timesheets, which enabled better load-leveling and shared ownership of responsibilities.

Project Results

Cost

- Decreased paper and printing costs from 5,000 printed pages to 2,500 printed pages.

Quality

- Decreased duplicated timesheets from 600+ per month to 200.

Time

- Decreased processing time from 22 hours per month to 6 hours per month, enabling employees to focus on more value-added activities.

Reporting Period: January – December 2019
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Project Details

Date improvement project was initiated: 9/1/2020
Project Contact: Sam Wilson  Email: wilsonse@wsdot.wa.gov  Phone: 360-705-7128
Report reviewed and approved by: Keith Metcalf, WSDOT Deputy Director