RRECS PROJECT: ENGINEERED STUDY:

Complete & Document the Standards   2016 Finished the development of the system.
- Engineer Standards
- Statistical Standards

Complete the data capture system - count the occurrence of work activities.

Standard Time = The standard x the count   Completed in 2016
- Complete the Business Logic

Going to do one final update on the driving Speed Matrix - Should be done by the end of the month.

Data Capture System:
            Should be complete enough to route rest of routes.

Daily Standard time involved 72 daily calculations.

2017 Review Validate Test & Revise:

Review - Was it done correctly?
Validate - Is it accurate & complete?
Data - Data capture system
Test - Does it work? Did they meet the requirements?
Revise - What's wrong and how can it be changed to make it right (or better). Have a second look at anything that looks suspicious.

More complicated then it sounds.

Can actually look at scan log and see if doing wrong. Is 0 really that nothing occurred or is it just missing data??

Status Overview: August 2017

Milestone 1 (May 18, 2017): Completed Phase 3 of count validations study test of the completeness & accuracy of key input data.

Milestone 2 (June 30, 2017): First end-to-end test of RRECS data capture, business logic and outputs.

Milestone 3 (July 31, 2017): Second end-to-end test of RRECS.

Review of the Standards (May 2017)

Going forward: Continue reviewing, validating, and testing, identify & address remaining issues.

Continue going over this the next few months.

Milestone 1: Count Validation
Purpose: Validate count data by comparing system inputs with manual counts made by IISE

Sample: 158 routes in Atlanta area chosen to facilitate IISE manual counts

Methodology: Side-by-side comparison of inputs from all sources (EOR, PTR, RWHT, RSD, etc.) with IISE counts.

Scope: Covered 24 inputs

Outcome: Need to improve training, especially scans and manual counts.

Improve data capture of un-scannable parcels

New procedures: Random letters & flats, Carrier pick up, CR flats

Developed "exceptions" procedure for missing and obviously incorrect data.

Milestone 2: First end-to-end test
Purpose: Test RRECS data capture, business logic and outcomes to identify input issues and confirm business logic.

Sample: 40 routes chosen became available of input data and high scan compliance.

Methodology: Test conducted manually with inputs, analytics and outputs delivered in Excel.

Scope: Calculation of daily standard time.

Limitations: Small, non representative sample, manual, analytics, limited scope.

Milestone 3: Second end-to-end test
Purpose: Test RRECS data capture, business logic and outcomes to identify input issues and confirm business logic.

Sample: 1700 routes chosen.

Methodology: Test conducted automatically, with inputs analytics and outputs coming directly form the RRECS system.

Scope: Calculation of daily standard time and weekly evaluation.

*The business model for this is in place and is working the way it is suppose to work. Data will improve when training is improved - USPS is aware training needs improved.

Status of Standards

Review of engineered standard is complete including electronic documentation.

Remaining validation and revisions of some standards

Statistical Standards (drive time and TCP) will be updated in mid August based on a full year of data.

Data Capture Remaining Issues

Develop and test new procedures
- Parcels: new MDD procedure to capture unscannable parcels
- Carrier pick up's new MDD procedure to capture scan event and number if items
- Walking to Door: Clarify us of TRIPS 2 DOOR scan

- Random letters and flats: mini mail count
    (So far thats all that's on list for mini mail count)

Continue to improve training & compliance monitoring, especially scanning

Business Logic for Computing Stand Times & Route Evaluations

Daily Standard Time: Problems identified on 40 routes; solutions will be confirmed on system data for 1700 routes

Weekly evaluations: Business logic test a done on 40 routes.

Going forward; whats left

RRECS works-confirm end-to-end business logic for all required calculations (Milestone 3)

Continue to improve input data through new procedure and improved training and compliance monitoring

Continue to refine and validate standards.

Remaining issues: Intermediate and parent-child routes; System maintenance, prepare final documentation and report.

Panel Chair recommends RRECS (Oct. 31, 2017 on schedule)

Parties evaluate and comment (November 30, 2017)
        One month to comment

Chair issues final determination (February 28, 2018)

RRECS rollout: Getting from 1,700 to 75,000