

Expanding Weld to Weld alignments to Improve Data integration

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Weld to Weld Alignments Improving Data Integration

Companies that focus on a consistent alignment process that allows them to move towards Weld to Weld alignments can reap the benefits of Data integrations in three ways:

- 1) Eliminate the manual matching of rows in vendor spreadsheet to reconcile welds.
- 2) Allow the creation of a new way to reference data to allow better communication between the operations and GIS departments.
- 3) Data Improvements, including centerline corrections.

Integrity Management Challenge

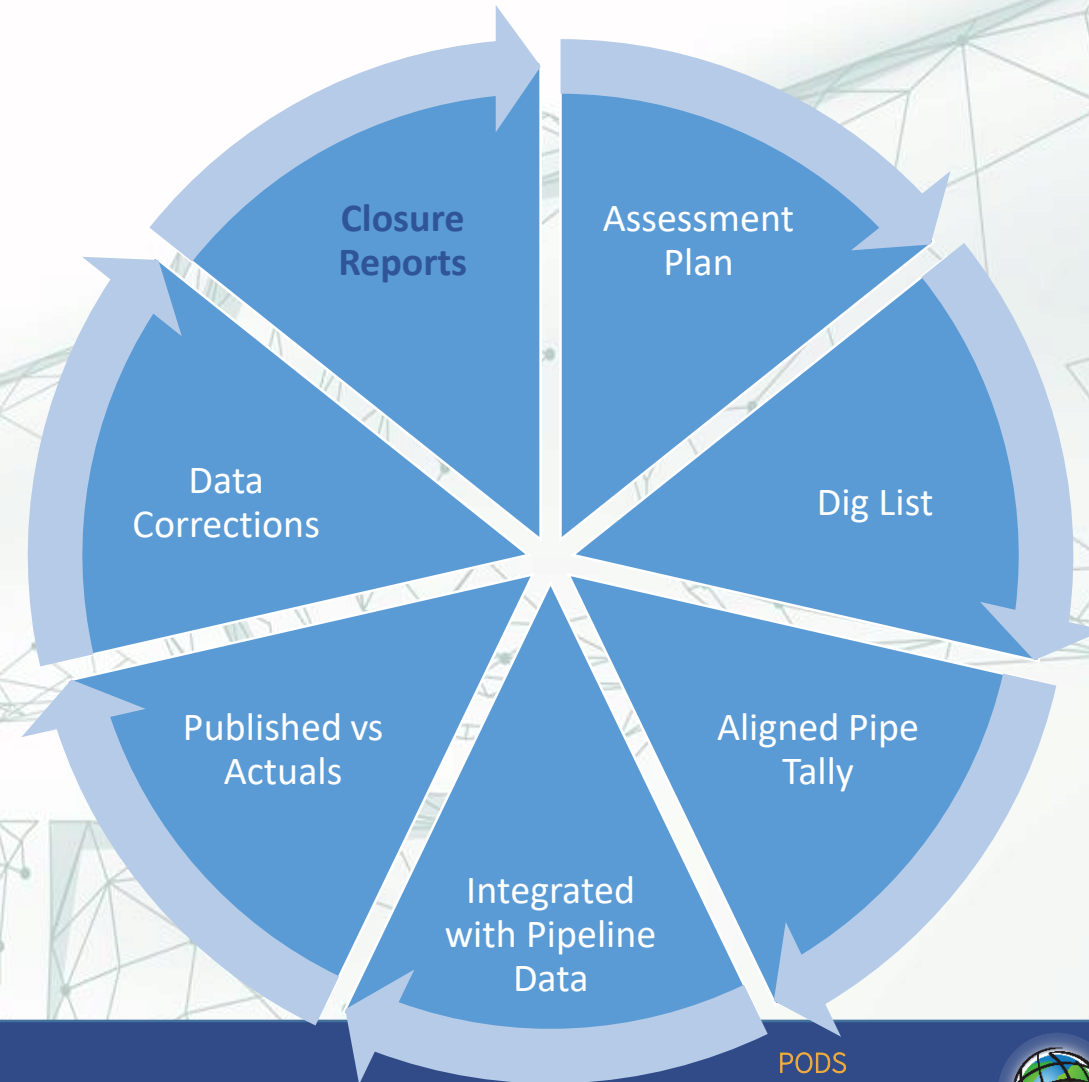
Data Integration - How does a pipeline company manage and integrate data from various sources to support pipeline integrity?

- Assigning Pipeline Enterprise Data to Anomaly Data
 - Pipe Tally come in a Vendor Spreadsheet – HCA Data is in Pipe Enterprise Database
- Tracking Prior digs to determine an anomaly repair history
 - How do you know if the current anomaly was already repaired?
- Looking at Anomaly Data Year over Year
 - How to get consistent results in the alignment process?
- Data Correction – Improving current GIS Enterprise Data.

Bringing in Software Solutions

“Begin with the end in mind.”

-Covey



Alignment Process Important to Data Integration

- ILI Import tools aligns new and historical Pipe Tally data to the Enterprise Pipeline Database.
- Automatically assigns route and measure to Pipe Tally records, including Welds
- Welds can be loaded from a baseline assessment for future alignments or to use as a new linear reference scheme.
- Allows Enterprise GIS data and Vendor data integration at the database level, eliminating some of the reliance on spreadsheets.

Weld to Weld Beyond the Alignment Process

- Using Welds to set up a linear referencing scheme.
 - So many digs are referenced by the field as Weld + Offset. Having the ability to reference data this way improves record keeping.
- Using Welds to Correct Centerline data
 - Once welds are aligned to your GIS Enterprise data, they can be used to correct centerline

Demo

ILI Import, Weld Referencing, Centerline Revision Manager

Thank you
Any questions?