08W Cost Per Mile Report

Data Source

- [ADA].[Delivery.DOT_WSHP] (WSHP: Project Log)
- SAP AO report PRJ002
- Power Pivot to merge 2 tables and add measurements

How to run the report

- Refresh the data in Project log sheet to fetch the most current data
- Filter the MAT code to 08W (Only)
- Copy the projects in project log and paste it in PRJ002
- Run PRJ002 one month behind of the current month
- Refresh the data in Cost per Mile Sheet

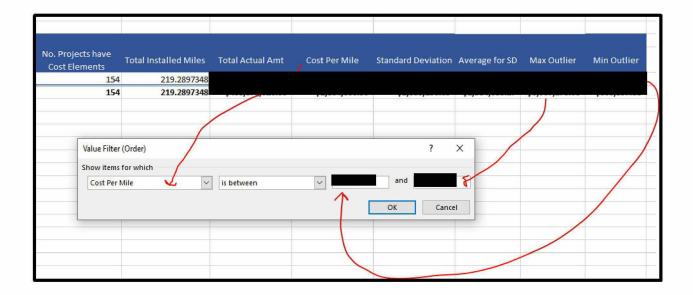
How to filter the report

- Filter CN24 Completion Date to exclude 2 Weeks of the current month and beyond that
- Filter total installed miles to exclude <u>0 miles</u> (if any)
- Look for cell L10 for Cost Per Mile
- Click on Expand/collapse button in Cell B10 "Cost Element" to see the full projects

For more accuracy, Standard Deviation concept has been added with Max and Min outlier

- In order to use SD concept, click on the arrow in cell D9 "Order" => select Value Filter => Between.
- in Value Filter Window, select Cost per Mile, and enter the Min and Max Outlier as shown in the figure below.
- Look at cell L10 for New Cost Per Mile value

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Order Order Description			Job Owner Name		Values No. Projects in Project Log	No. Projects have Cost Elements	Total Installed Miles			Cost Per Mile	Standard Devia	tion Average for SD	Max Outlier	Min Outlier
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Report Customization

There are many slicers added to the report as below:

- Division
- County
- City
- JOB Owner Name
- SAP Status
- CN24 Status
- WP Reporting Year
- Program Name

- MPP Resources (GC Vs Contract)
- And lastly this report can drilldown and calculate the average cost per mile per Cost Element.