# 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

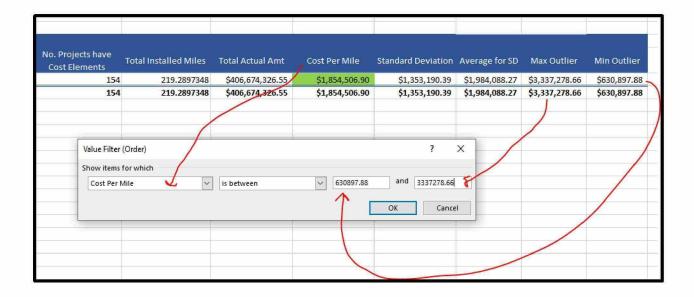
# How to filter the report

- 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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Lomond		FICL	Y		2022		. *	1000	~	GC				
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Order Orde	r Description		lob Owner Name	CN24 Complet	Values No. Projects in	No. Projects have Cost Elements	Total In	stalled Miles	Total Actual Amt	Cost Per Mile	Standard Deviatio	n Average for SD	Max Outlier	Min Outlie
of Smallest to Largest	1			CN24 Complet	Projectilog 154	Cost Elements	1 <sup>°</sup>	219,2897348	\$406,674,326.55	\$1,854,506.90	\$1,353,190,3	9 \$1,984,088.27	\$3,337,278,66	\$630,897.8
grt Largest to Smallest					154	154		219.2897348	\$406,674,326.55	\$1,854,506.90		9 \$1,984,088.27		\$630,897.8
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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.