DKS   1050 SW 6TH AVENUE, SUITE 600 · PORTLAND, OR 97204 · 503.243.3500 · DKSASSOCIATES.COM

INITIAL PROJECT LIST

DATE: October 24, 2023

TO: Technical Advisory Committee

FROM: Emily D'Antonio; Kayla Fleskes-Lane, PE; Aaron Berger, PE | DKS Associates

SUBJECT: List of Initial Projects for the Bend MTP Update   Project #24068-000

This memo describes the sources used for the current iteration of the Bend Metropolitan Transportation Plan (MTP) Update project list, instructions for how to access the ArcGIS map to view the projects and what information is critical for the Technical Advisory Committee (TAC) to review in advance of the MPO TAC Meeting on November 1, 2023.

PROJECT LIST

The provided Excel workbook contains projects obtained through the review of several plans with relevance to the MTP Update, organized by agency. Where several agencies were identified, projects are duplicated on each relevant tab. Note that future efforts may include potential new projects, but this current list only focuses on projects or programs that have been identified through past planning efforts.

Projects within the Bend Metropolitan Planning Area (MPA) from the following plans were included in the project list:

- The Bend Transportation System Plan (2020)
- The Bend Metropolitan Planning Organization Metropolitan Transportation Plan (2019)
- US 97 Parkway Plan (2021)
- Deschutes County Transportation System Plan Update (In Process)
- Deschutes County ITS Plan (2020)
- ODOT Statewide Transportation Improvement Program (2023)
- Cascades East Transit Master Plan (2020)
- Bend Parks and Recreation Master Plan (2018)
- Bend Transportation Safety Action Plan (2019)
- Deschutes County Transportation Safety Action Plan (2019)
- US 20 Bend Facility Plan (In Process)
- US 97 at Reed Market Refinement Plan (2023)
- US 97 Baker Interchange Area Management Plan (In Process)

- US 97 North Interchange Study (2021)
- Bend Community Master Plans
  - SE Area Plan (2021)
  - Stevens Ranch Master Plan (2021)
  - Stevens Road Tract Master Plan (2023)

HOW TO REVIEW THE LIST

The sheet titled "Info" in the Excel Workbook has a description for each column within the project sheet as well as instructions on how to review the projects listed under the "Active Projects" tabs. Minimally, review the tab for the applicable agency. Ideally, each TAC member may review multiple agency tabs for consistency.

The "Active Projects" tabs contain the full list of proposed projects obtained from the plans noted above. The "Active Programs" tabs contain a list of proposed programs, plans or studies, also obtained from the plans above. Projects are a single, focused effort, while programs are more on-going and represent a continuous effort. If more details on an individual project or program are needed, please review the source document by cross-referencing the source project ID. Please provide comments in the TAC Comments columns and highlight any additional cells you modify in blue.

The additional tabs provide more context to the list compilation process and are included for reference. The "Plan Links" tab has a link to all the plans previously mentioned. The "Removed Projects or Programs" tab contains projects or programs that were deemed either completed, a duplicate from an older plan or no longer relevant to the MTP update's planning effort. The tab "GIS Links" contains links to the All Project Map which is discussed in more detail below.

PROJECT LIST MAP

To better visualize the projects within the Excel Workbook, an interactive map has been created. This map can be accessed here. The following instructions describe how to understand the map. Not all projects within the Excel workbook are contained within the map. Only projects that made sense in a mapping context or were previously mapped for another project were compiled.

Step 1: Click on the Link or copy and paste the link into your preferred web browser (http://bit.ly/BendMTPMap). After going to the link you should see the following.
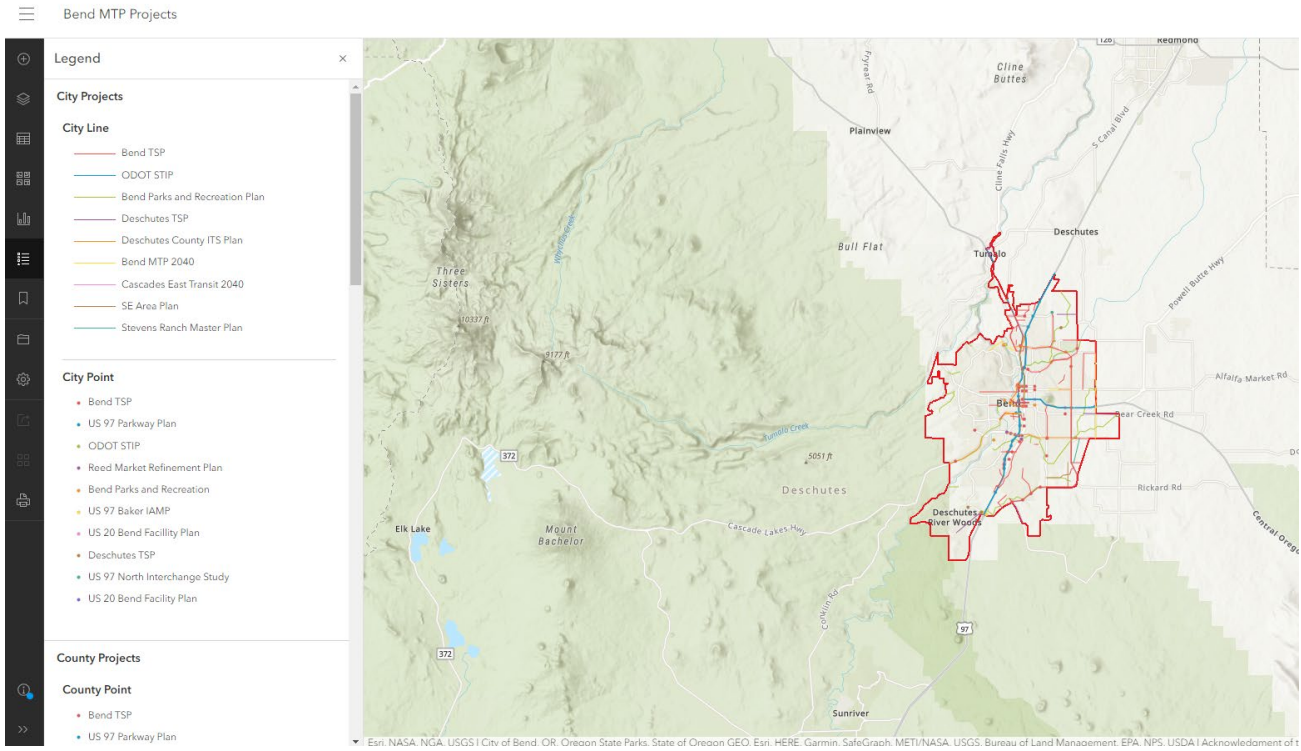
Step 2: Navigate to the Layers tab. The layers tab is an icon in the left bar that looks like a stack of squares (⬙). If you hover your cursor over the button, it should also produce a box that says "Layers". Click on this button.


Layers icon in left sidebar
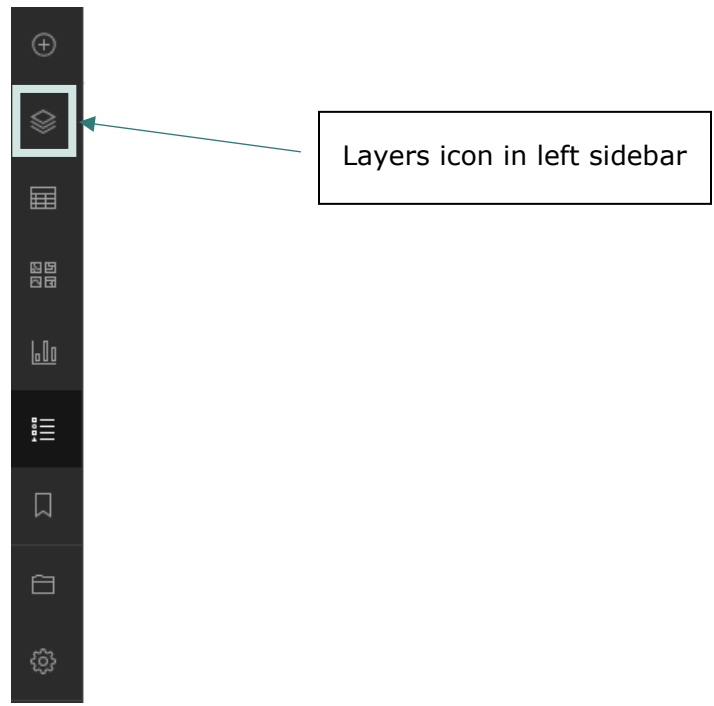
Step 3: Once in the Layers section you should see the following:
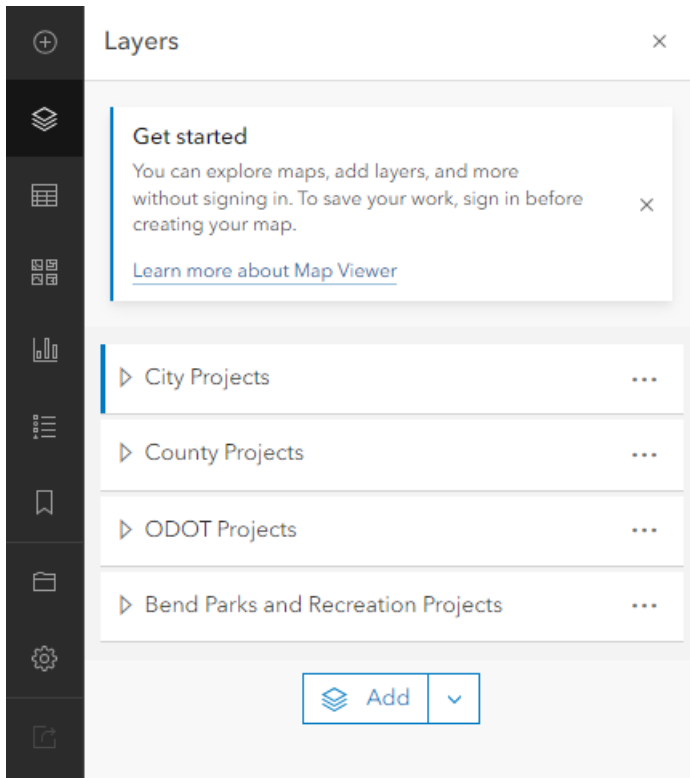
Projects are currently grouped by jurisdiction. To see projects that are relevant to your jurisdiction, turn off all layer groups except your own. To do this hover your cursor over each jurisdiction that is not your own individually. When you hover your cursor, you should see an eye icon (👁). Click on the eye icon to turn off the layer group. It should then look like this (👁). Repeat this for the other jurisdictions.

Example: If you only want to review City projects, the Layers should look like this
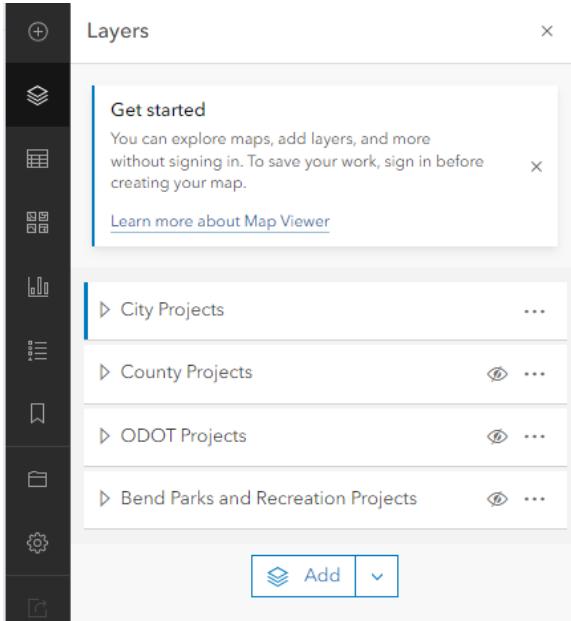
These layers can be turned back on at any time by clicking on the eye icon again.

Step 4: Now that the correct group of layers is on you can navigate through the projects on the map. Projects are color-coded by the plan which they came from. To view this legend you can click on the icon with the 4 horizontal lines () in the left bar. It will show the legend for all layers, but color coding is the same between jurisdictions. The legend is also as follows:

City Projects

City Line

——— Bend TSP

——— ODOT STIP

——— Bend Parks and Recreation Plan

——— Deschutes TSP

——— Deschutes County ITS Plan

——— Bend MTP 2040

——— Cascades East Transit 2040

——— SE Area Plan

——— Stevens Ranch Master Plan

City Point

• Bend TSP

• US 97 Parkway Plan

• ODOT STIP

• Reed Market Refinement Plan

• Bend Parks and Recreation

• US 97 Baker IAMP

• US 20 Bend Facillity Plan

• Deschutes TSP

• US 97 North Interchange Study

• US 20 Bend Facility Plan

Also clicking on an object within the map will produce a dialog box containing information about the object which includes the plan which it came from.

Step 5: Navigating the map is easiest with the use of a mouse. If you have a mouse, you can zoom in to the map with the scroll wheel. Scroll away from you to zoom in and scroll toward you to zoom out. To move the map, you can left-click and drag. If you do not have a mouse you can zoom onto the map using two fingers on the trackpad of your laptop. To zoom in put two fingers on the trackpad and move towards you. To zoom out move your fingers toward the laptop.

Step 6: Once zoomed in you can now click on objects to obtain more information of the project. Left click on either the line or dot you want to view and a box should pop up and the object should change color.
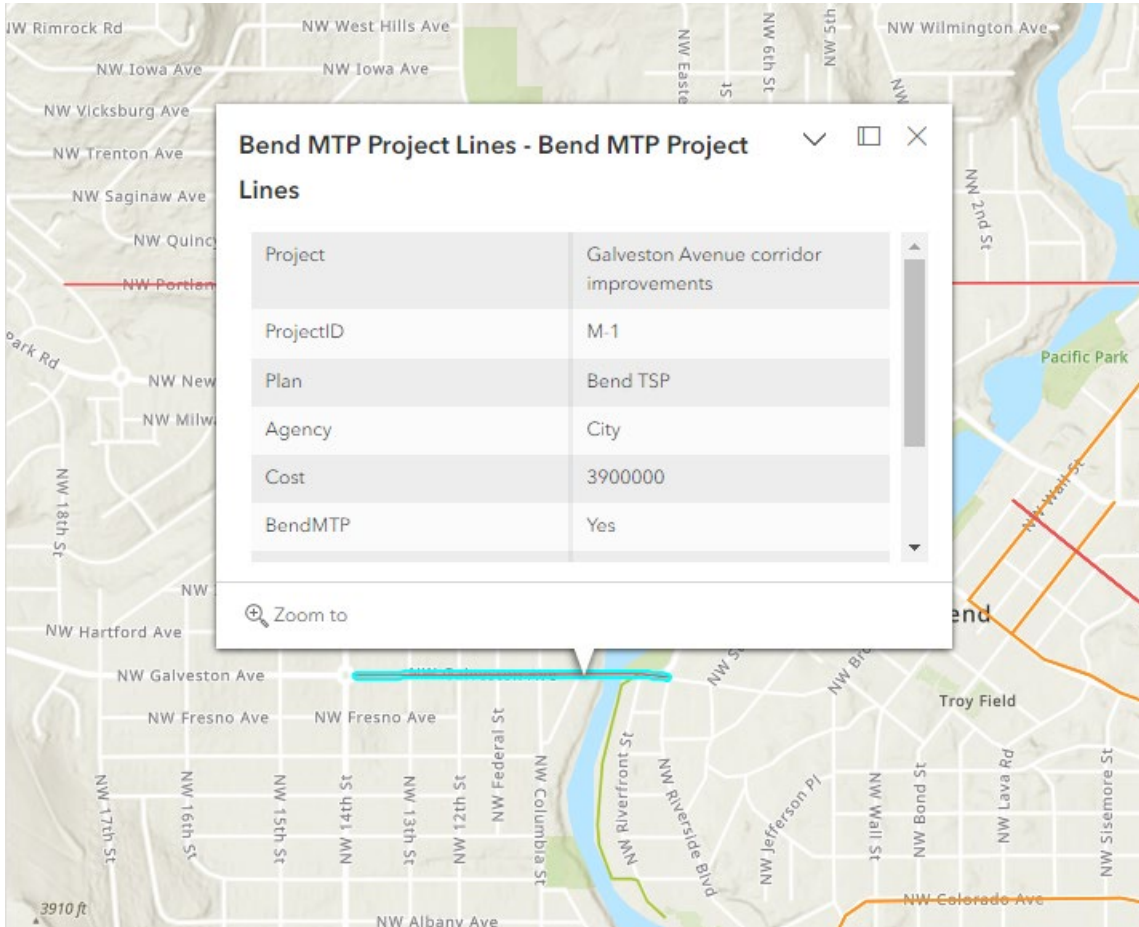
The information in the box should be the same as the information that is within the excel workbook previously discussed.

Step 7: Alternatively, you can view information for all lines or all points within a table. If you wanted to view the table for the City Lines you can navigate back to the layers tab by clicking the previously mentioned layers icon in the left bar. Once there you must expand the City Projects group by licking the triangle to the left of the City Projects box.
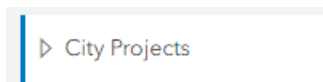
Once you click on the triangle you will now see the two layers City Line and City point. Click on the three dots to the left of City Line

Once you click on the dots there should be an option that appears that states show table.
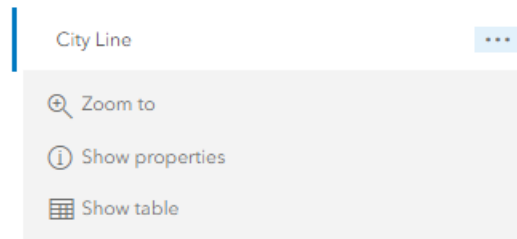
Click on the "Show table" icon to see the table with all the projects. The table should then be shown at the bottom of your screen.

Sep 8: If you wish to view a specific project, click the grey square to the left of the desired project. The square should turn blue and have a check mark.

The project will then be highlighted on the map. To zoom into the project, you can click the top left icon within the table pop-up that has four arrows pointing to a circle ( ). This will center the project on your screen.

These steps can be repeated for any layer within the map. Project points are projects that involve specific intersections or places, project lines involve the length of a corridor or road.

SUMMARY

The project list and map are a compilation of projects obtained from previous plans conducted within the Bend MPA. The aim of this task is to identify projects from past planning efforts that should be included within the Bend MTP update. By looking through and commenting on this preliminary project list, the project team will have a better understanding of project commitments and will make sure that no project is left out of the preliminary project list.