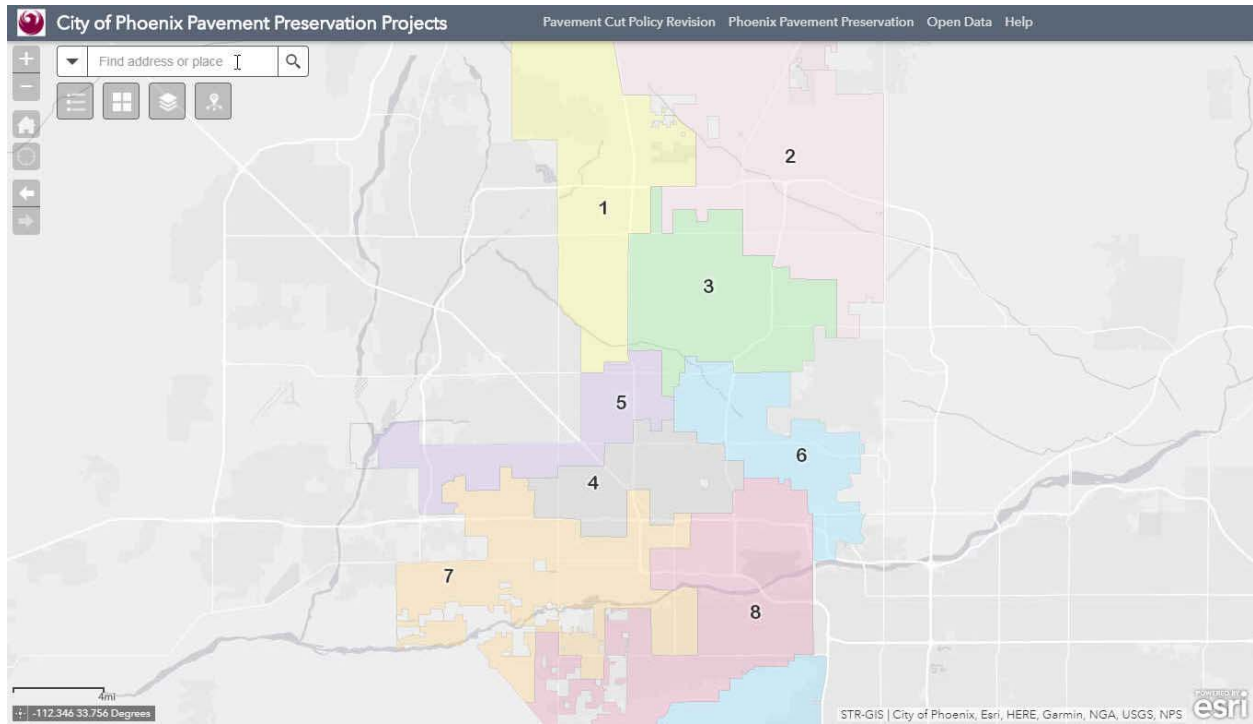


City of Phoenix Pavement Preservation Project Application Help File

The purpose of this application is to share information on past and future pavement preservation projects within the City of Phoenix.



Navigation Tool



Zoom in – Zoom out tool

Click on the + tool to zoom in

Click on the – tool to zoom out



Zoom to Home location

Click on the tool to return to map's original position



Zoom to My location

On mobile devices click on the tool to zoom to your location



Zoom previous – Zoom next

Click on <- arrow to zoom to your previous map extents

Click on the -> arrow to zoom to your next map extents

Navigation Tool – Continued



Enter an address and click on the magnify glass to zoom to that location.

Valid address formats.

200 W Washington St

3rd Ave & Washington St

When entering a location, the locator service provides suggestions based on what you are typing.

Click on the suggestion and it will zoom to the location.



Map Layer Tool



Legend Tool

Click to display current legend.

Note: The legend tool only shows layers currently visible on the map.



Basemap Layer Tool

Click to change the basemap layer used for your current session.

You can select from five other basemap layers, including aerial imagery. This is not a permanent change to the application, the next time you open the application it will return to the default basemap.

Click on the basemap you would like to view, Phoenix Az – Light Gray is the default basemap.



Map Layer Tool - Continued



Layer List Tool

Click on tool to activate the layer list.

Layer List [X]

Operational layers [Expand]

- ▶ Resurfacing Projects ...
- ▶ Street Name Labels ...
- ▶ Reference Data ...

To add a layer to the map, check the box to the left of the layer name.

If an item in the layer list is gray, it is currently disabled.

Zooming in or out on the map can change the enabled/disabled status of the layer.

There are three groups of layers.

1. Resurfacing Projects
2. Street Name Labels
3. Reference Data

To expand the layer group, click on the name of the layer.

In the example below I clicked on the word "Reference Data"

Layer List [X]

Operational layers [Expand]

- ▶ Resurfacing Projects ...
- ▶ Street Name Labels ...
- ▶ Reference Data ...
- ▶ Quarter Section Index ...
- ▶ City Council District ...

Click on name to expand group

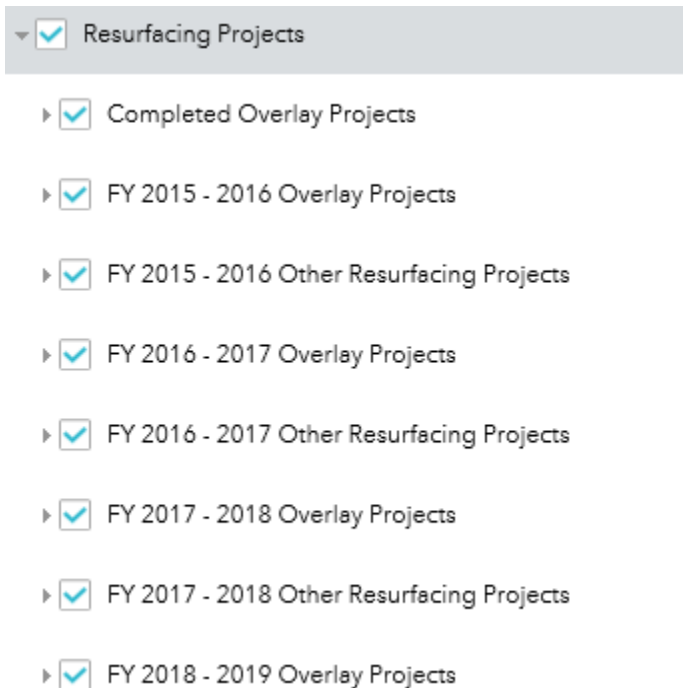
Map Layer Tool - Continued



Layer List Tool - Continued

Layer Group Details.

1. Resurfacing Projects: This includes all completed overlay projects and all future overlay and other resurfacing projects grouped by fiscal year.



The map default is to have all the Resurfacing Projects layer turned on. The user can turn on and off individual layers to help make decisions.

For example, if the user wants to only view overlay projects they can turn off all the “Other Resurfacing Projects” layers for all years. The map will then only display completed and future overlay projects.

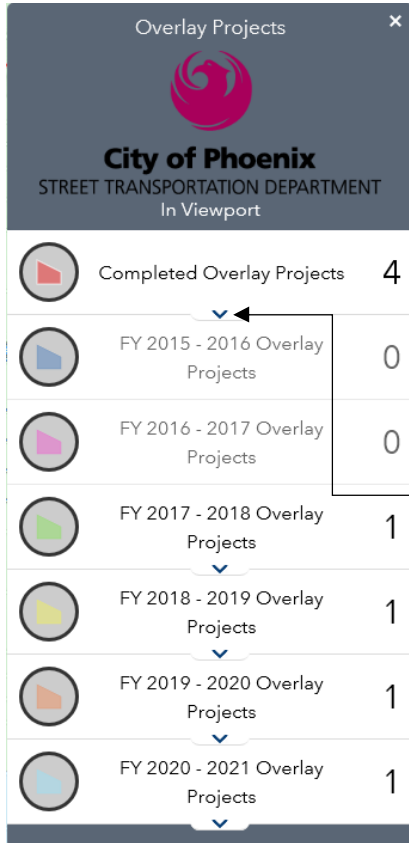
2. Street Name Labels: Additional Street name labeling.
3. Reference Data: Quarter Sections and Council District layers.

Query Tool



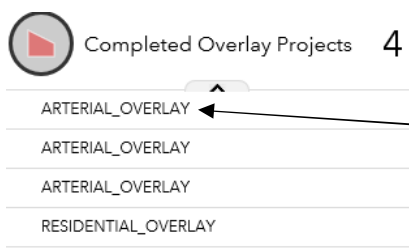
Overlay Project Tool

Click on tool to activate the Overlay Projects form



Results displayed on the Overlay Projects form indicate the visible Completed Overlay and future projects currently visible within the extents of the map on your screen

Click on the down arrow below the Overlay group to view individual projects.



Click on the individual project and they will be highlighted on the Map.

Additional Links



- Along the top banner of the application are a few additional links.
- Clicking on the Phoenix Bird on the top left corner of the application will open a browser window that will display the City of Phoenix Street Transportation Department's home page on Phoenix.gov
- Clicking on the words "Pavement Cut Policy Revision" will open a browser window that will display updated policy related information about the city's pavement cut policy.
- Clicking on the words "Pavement Preservation Program" will direct to the city's pavement preservation program webpage.
- Clicking on the words "Open Data" will open the City of Phoenix Open data web page. This is for users that would like to download any data including GIS data.
- Clicking on the word "Help" will open this help document (pdf).

Treatment	Description	Street Type
Mill and Overlay	A “mill & overlay” is a street maintenance technique that requires the removal of the top layer (2 inches) of a street by the grinding action of a large milling machine. After the top layer is removed, a new layer of pavement is put in its place. Asphalt resurfacing is necessary when the asphalt surface has reached the end of its service life or preventative treatments no longer benefit a road.	All Streets
Micro-seal	Application of coarse sand aggregate and a polymer modified emulsion mixture, used on streets that are in fair to good conditions to provide a new wearing surface.	Arterial Streets Major Streets
Crack Seal	Filling cracks in the pavement with modified asphalt rubber on streets in relatively good condition.	All Streets
Tire Rubber Modified Surface Sealant (TRMSS)	Thin spray of emulsified asphalt that is used to rejuvenate pavement that is starting to oxidize. Adds a small amount of binder to the top of the asphalt to help hold pavement together.	Arterial Streets Major Streets
Polymer Modified Master-seal (PMM) Seal Coat	PMM is a modified seal coat that contains some a mineral reinforcement and higher solid content than conventional seal coats. It adds small amounts of binder and mineral solids on top of the asphalt to seal and lock in the existing asphalts, oils and aggregates in the pavement Surface. PMM is primarily used on Local and Minor Collector streets that are starting to oxidize.	Local Streets
Fractured Aggregate Surface Treatment (FAST)	FAST is used on streets that have large enough cracks and defects beyond slurry seal or that will otherwise need an overlay. This treatment involves applying a membrane of polymer modified asphalt rubber followed by a layer or two of fractured rocks that have been pre-coated with asphalt. FAST can be used on local, collector and arterial streets.	All Streets
Slurry Seal (Residential Streets)	Slurry seal is a mixture of emulsified asphalt and fine aggregate (i.e., sand) applied to local streets to replace the loss of fine aggregate, protect the original surface, and provide a new wearing surface. To be most effective, the treatment should be applied to low volume streets with little cracking, usually to pavements less than ten years old.	Local Streets