

Miami-Dade TPO – GPC E18-TPO-01

InteracTIP User's Guide

Public User Map Tools

Miami-Dade Transportation Planning Organization (TPO)

January 23, 2020

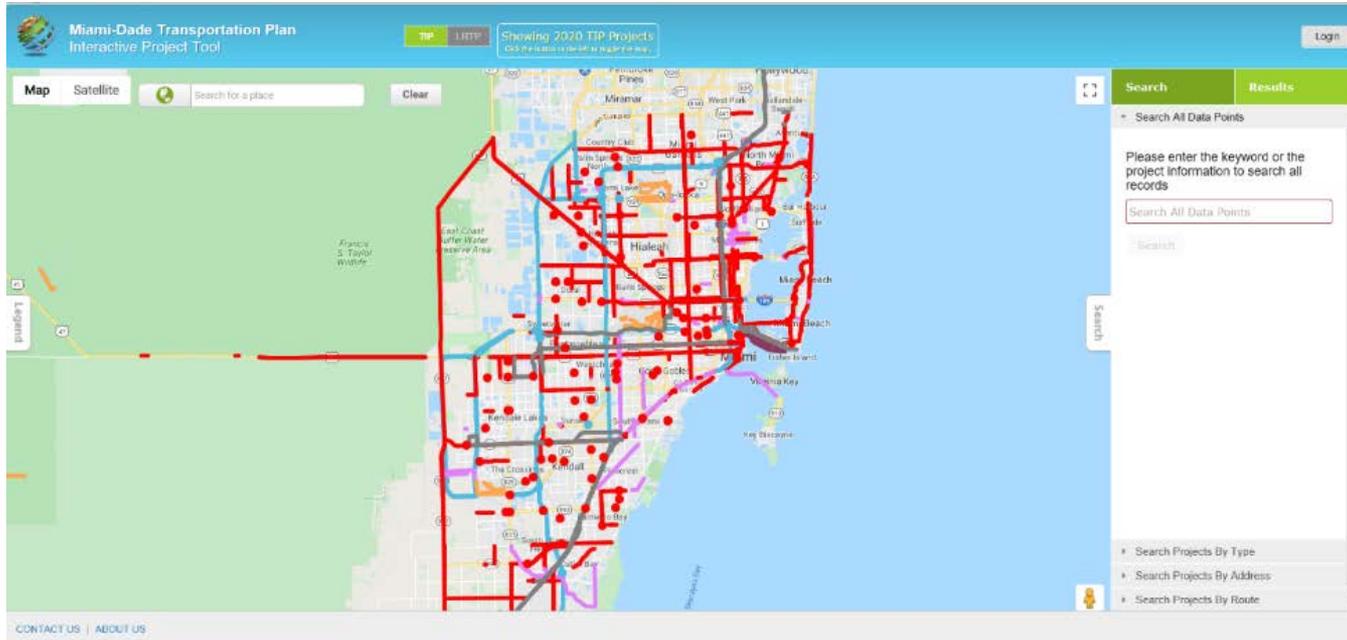


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InteracTIP Public User's Guide - Introduction

Introduction



The User's Guide helps the Public user with the use of the InteractTIP website and map tool.

The Interactive Project Tool is a GIS based map tool used for the dissemination of details for the Transportation Improvement Plan (TIP) for the Miami-Dade TPO.

The website can be viewed on touch and pad style devices.

InteracTIP Location

Miami-Dade TPO Website

The screenshot shows the Miami-Dade Transportation Planning Organization website. The header includes navigation links for ABOUT TPO, CONTACT US, and NEWSROOM, along with a Google Custom Search bar. The main banner features the organization's logo and the text "MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION SMARTER Mobility Today & Tomorrow". Below the banner is a navigation menu with links for HOME, GOVERNANCE, INVOLVEMENT OPPORTUNITIES, PROGRAMS, DOCUMENTS, and TOOLS. The main content area is titled "Transportation Improvement Program" and includes a list of programs on the left, a description of the program's goals, and a list of program priorities on the right. A blue arrow points to the "InteractTIP" link in the "Program Priorities" list.

ABOUT TPO | CONTACT US | NEWSROOM

Google Custom Search

MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION
SMARTER Mobility Today & Tomorrow

HOME GOVERNANCE INVOLVEMENT OPPORTUNITIES PROGRAMS DOCUMENTS TOOLS

Last Visited >

Programs

- Bicycle Pedestrian Program
- Connected-Autonomous Vehicle Program
- Freight & Logistics Planning Program
- Long Range Transportation Plan
- Performance Management Program
- Transportation Alternatives Program
- Transportation Improvement Program**
- Unified Planning Work Program

Transportation Improvement Program

The goals of Miami-Dade County's transportation plans are to enhance the mobility of the urban population, achieve a balanced transportation system, meet energy conservation needs, improve air quality, as well as to preserve or enhance the physical and social environment of the community. The Transportation Improvement Program (TIP) is one of those plans managed by the Miami-Dade TPO to achieve these goals.

What is the TIP?

The TIP:

- > Specifies transportation improvements for the next five years, and is updated every year as required by federal government regulations.
- > Is a staged multi-year program that sets the priorities of transportation improvement projects with federal, state, and local funding.
- > Contains various categories of improvements including: Highway, Transit, Aviation, Seaport, Non-Motorized, Freight, Private Sector, and Regionally Significant Transportation Projects.
- > Must contain all transportation projects that receive federal funds.
- > Contains other major projects that do not receive federal funds as part of the planning process.
- > Lists projects in groups by funding source and implementing responsibility.
- > Is the capital improvements element of the current Long Range Transportation Plan (LRTP).
- > Is consistent with the projects and priorities in the adopted current LRTP.

Program Priorities

- > 2021-2025 Program Priorities
- > 2020-2024 Program Priorities
- > 2019-2023 Program Priorities
- > 2018-2022 Program Priorities
- > 2017-2021 Program Priorities
- TIP**
- > **InteractTIP**
- > Approved 2020 TIP (Final)
- > 2020 Citizen's Version

Transportation Improvement Program Reports

Select Category:
Final Report

Select File:

The InteractTIP Site can be accessed from the TPO website

miamidadetpo.org

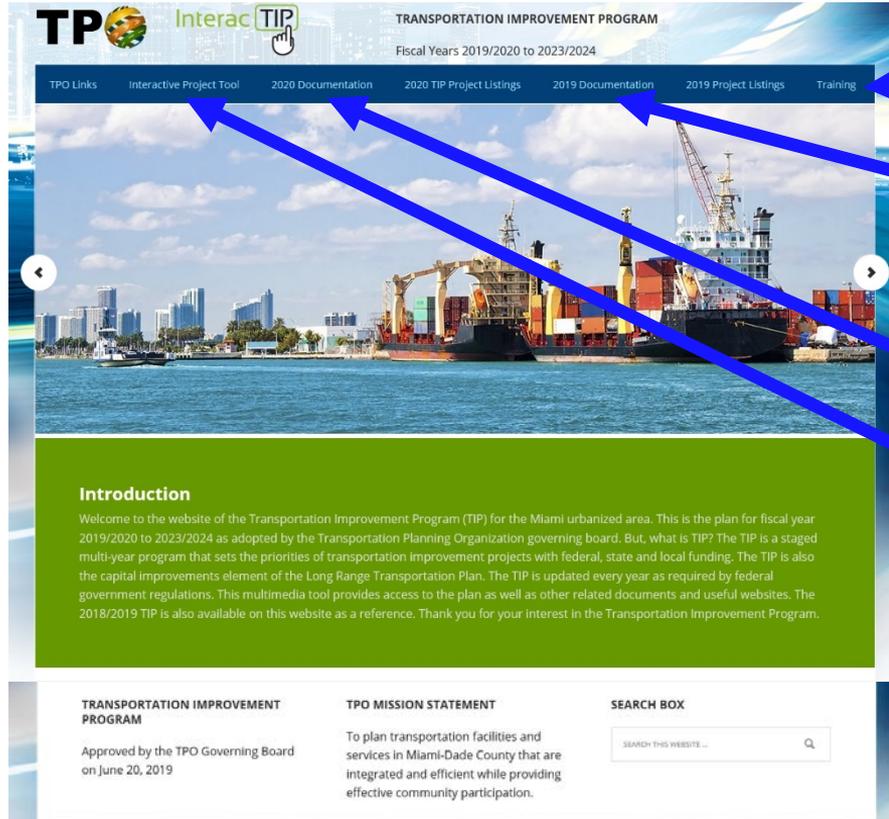
or

update.interacttip.com



InteracTIP Website Content

InteracTIP Website



A Link for training videos and User's Guides are found on the Training page

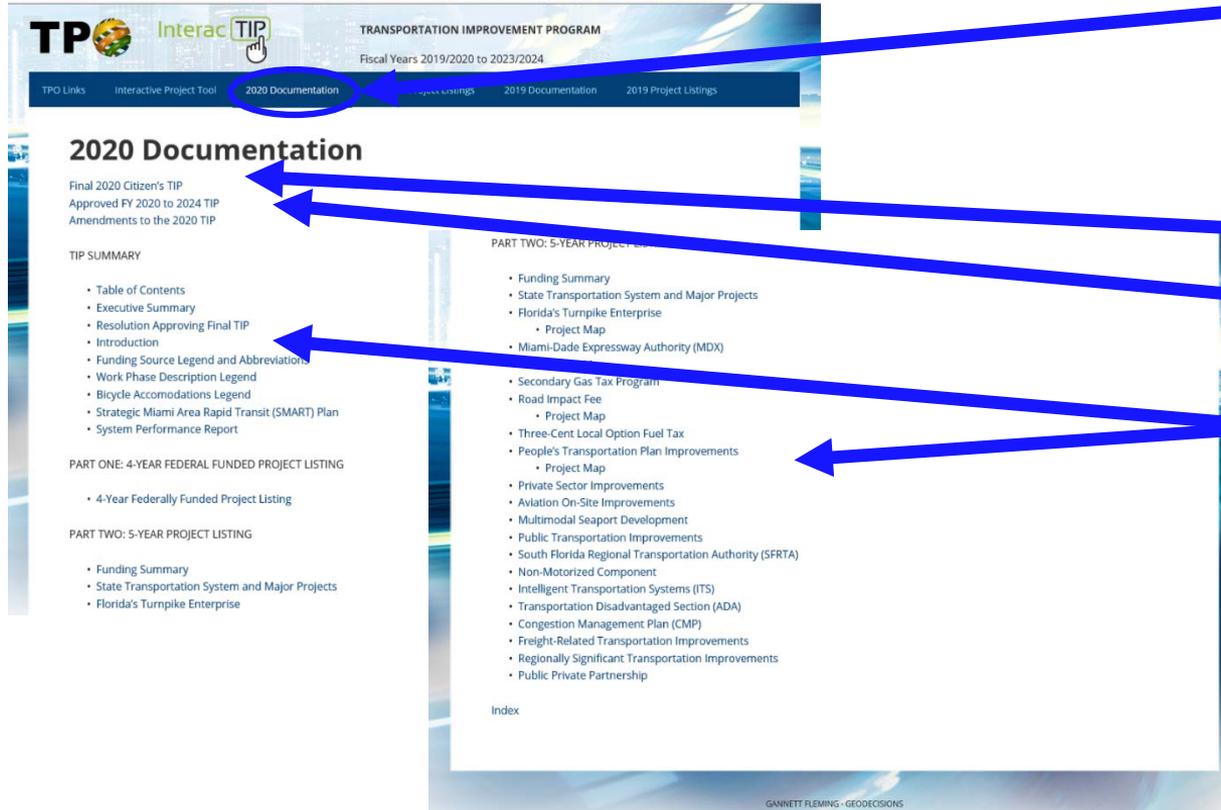
The previous year's TIP documentation is also accessible from the provided link

The InteracTIP website has a two-fold purpose:

- **Present the Current Year TIP documentation**
- **Give access to the Interactive Project Tool**



InteracTIP TIP Documents



Use the Documentation tab to access the current TIP documentation

The InteracTIP page displays download links for:

- The Citizen's Guide TIP
- Full TIP Document

Also displayed are TIP reference links to the full document sections based on the Table of Contents

InteracTIP Project Listings

The screenshot shows the top navigation bar of the InteracTIP website. The '2020 TIP Project Listings' tab is highlighted with a blue circle and a blue arrow pointing to it. Below the navigation bar, the main heading reads '2020 TIP Project Listings' followed by '5-year project listings'. The content area displays a grid of project categories, each with a logo and text. The logos include FDOT, MA (Miami Area), PORTMIAMI, and others. A blue arrow points from the '2020 TIP Project Listings' tab to the '2020 TIP Project Listings' heading.

The InteracTIP Project Listing tabs display links to the TIP Project Listings

The TIP document section links are shown for the various agencies by their logo

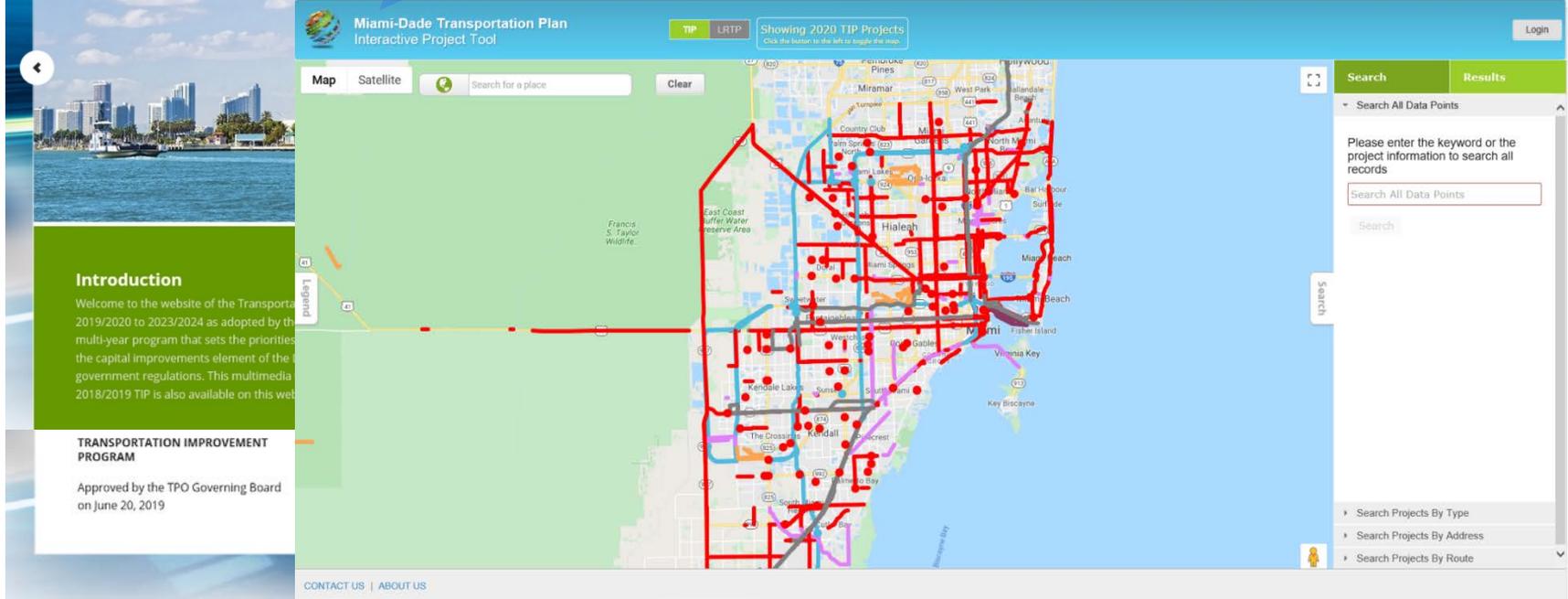
This detailed view shows the grid of project listings. Each entry consists of a logo on the left and a project name on the right. The logos are for various agencies including Miami-Dade Expressway Authority (MDX), Miami-Dade Transit, Miami-Dade County, RTA, South Florida Regional Transportation Authority, SEFTC, and FDOT. The project names include: Miami-Dade Expressway Authority (MDX) Improvements, Multimodal Transit Improvement (MDTA), Secondary Roads, South Florida Regional Transportation Authority, Road Impact Fee, Regionally Significant Transportation Improvements, Local Option Gas Tax, Federally Funded Projects, Multimodal People's Transportation Plan (PTP), Congestion Management Projects, Transportation Disadvantaged Related Projects, Freight-Related Transportation Improvements, and Strategic Miami Area Rapid Transit (SMART) Plan. A blue arrow points from the '2020 TIP Project Listings' tab to the top of this grid.

Interactive Project Tool

InteracTIP / LRTP Interactive Project Tool



The Interactive Project Tool is a GIS based map tool accessed from the second tab



Map Modes - TIP

Miami-Dade Transportation Plan
Interactive Project Tool

TIP LRTP Showing 2020 TIP Projects
Click the button to the left to toggle the map.

Project Types

- Airport Improvement
- Arterial/Collector
- Pedestrian/Bicycle
- Expressway
- Passenger Transfer Station
- Miami-Dade Seaport Department
- Seaport Improvement
- Transit

Map Satellite Legend

Search for a place

Search

Public Users choose one of two map modes by using the toggle:

TIP Projects Shown

The "Green" side of the toggle indicates the active map

Click the legend tab to show / hide the project types for the TIP map mode

Map Modes - LRTP

Miami-Dade Transportation Plan
Interactive Project Tool

TIP **LRTP** Showing 2045 LRTP Projects
Click the button to the left to toggle the map.

Project Types

- Arterial/Collector
- Bike/Ped
- Congestion Management
- Freight
- Freeway
- Airport/Seaport
- Transit

Map Satellite

Search for a place

Legend

Public Users choose one of two map modes by using the toggle:

LRTP Projects Shown

The "Green" side of the toggle indicates the active map

Click the legend tab to show / hide the project types for the LRTP map mode

Project Selection

Map-Based Selection

The screenshot displays the Miami-Dade Transportation Plan Interactive Project Tool. At the top, there are tabs for 'TIP' and 'LRTP', with a toggle button labeled 'Showing 2020 TIP Projects'. The map shows various transportation projects in red and blue. A tooltip is visible for a project titled 'WIDEN HEFT - NW 106TH ST TO I-75 (MP 34-39) 6 TO 10 LANES W/EXP LANES'. The tooltip contains the following information:

- MPO Project No.: TP4355421
- Type of Project: Expressway
- Description: Widening of the Turnpike from NW 106th to I-75 from 6 to 10 lanes. Includes 2 new express lanes in each direction.
- Location: to
- TIP Year: 2020

Buttons for 'Project Information' and 'View in Street View' are also present in the tooltip. The interface includes a search bar, a legend, and a sidebar with search options.

Confirm the map mode is set to show the desired plan projects using the toggle

Zoom-in or out with the mouse scroll-wheel and drag the map to adjust location

Click a desired project shape to display project data

Project Search

Map-Based Searching

The screenshot displays the Miami-Dade Transportation Plan Interactive Project Tool. The main map area shows a grid of red lines representing project routes across Miami. In the top left, there are map controls for 'Map' and 'Satellite', and a search bar with the text 'Search for a place'. In the top right, there are two tabs: 'TIP' and 'LITIP', with a dropdown menu showing 'Showing 2020 TIP Projects'. On the right side, there is a 'Search' sidebar with a 'Search' tab and a 'Results' tab. The search input field contains the text 'Airport'. Below the input field is a green 'Search' button. At the bottom of the sidebar, there are three expandable sections: 'Search Projects By Type', 'Search Projects By Address', and 'Search Projects By Route'. The bottom of the page has a footer with 'CONTACT US | ABOUT US'.

Confirm the map mode is set to show the desired plan projects

Enter search criteria, such as key words or project number

Click the Search button to execute

The side-“Search” tab can hide / show the search tools which are on by default

Map-Based Searching Results

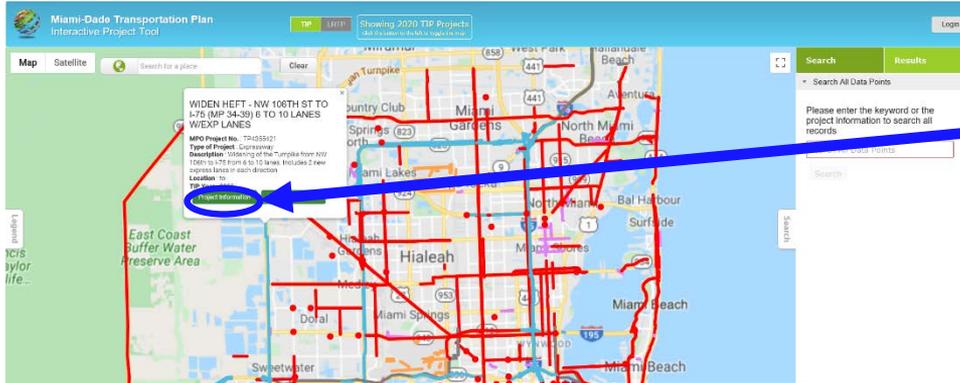
The screenshot displays the Miami-Dade Transportation Plan Interactive Project Tool. The interface includes a map of Miami-Dade County with various transportation projects highlighted in red and purple. The top navigation bar contains the Miami-Dade logo, the title "Miami-Dade Transportation Plan Interactive Project Tool", and buttons for "TIP" and "LRTP". A search bar is located at the top left, and a "Login" button is at the top right. On the right side, a "Results" tab is active, showing a list of search results. The first result is "Homestead General Aviation Airport (X51) Security Project", and the second is "Homestead General Aviation Airport (X51) Runway 18/36 Pavement Rehabilitation". Each result includes a "Project Information" button and a "Show on Map" button. The "Show on Map" button for the first result is highlighted with a blue arrow pointing to a red dot on the map.

Search results are displayed under the "Results" tab

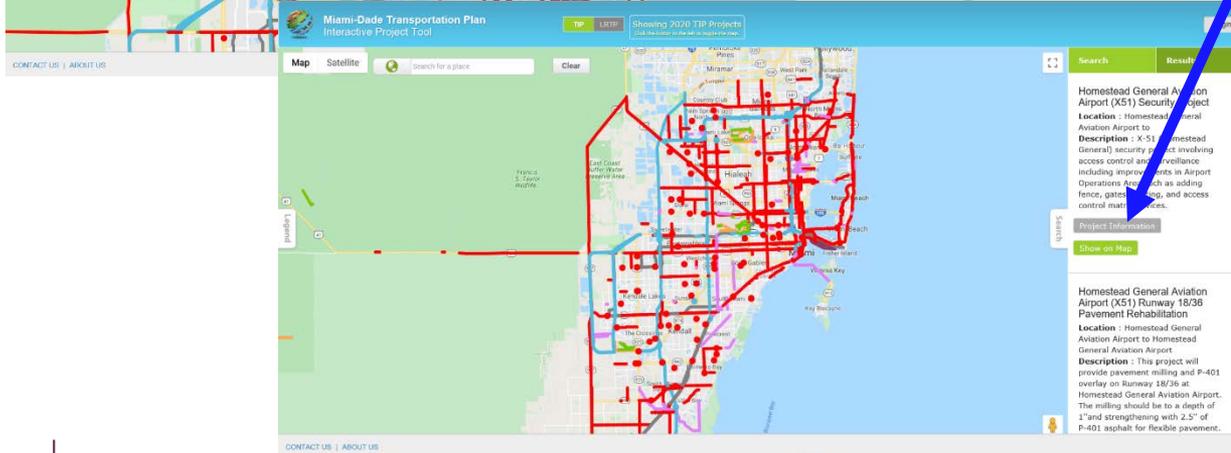
A report for a resulting project can be retrieved using the Project Information button

A resulting project location can be zoomed-in on the map by the Show on Map button

Map-Based Project Information



A Project Information report is accessed by either Project Information button for a selected project on the map or in the search results



Project Reporting

Map-Based Project Information Report


Miami-Dade Transportation Plan
 Interactive Project Tool

[Log In](#)

MIA Cc H Headhouse Internationalization Gates H12, H14, H15 & H17

[✕](#)

Project Information

MPO Project No.	APK152A
Project Name	MIA Cc H Headhouse Internationalization Gates H12, H14, H15 & H17
Location/From	Miami International Airport
Location/To	Concourse H - Headhouse
Description	This project will involve several phases. The 1st Phase consists of renovating the Headhouse's west side and gates H15 and H17 for the larger aircraft 380. Scope is been revised to simplify gates concept. Phase 2 may be implemented in a subsequent 5-Year period. New project numbers are T012A K152A. Total project cost is \$72.9M.
TIP Year	2020
Type of Project	Airport Improvement
Agency	Miami Dade Aviation Dept
Management Agency :	Miami Dade Aviation Department
Type of Work	Terminal Development, Modify Terminal Building
Status	Planning/Revision of project book for a completed gate concept.
Construction Year	2022
Next Step	Bid/Award for Construction
Agency Project No.	K152A
Contact Person	

Funding Information \$(thousands)

Project Phase	Funding	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024
PLANNING	FDOT	\$0	\$2,540	\$0	\$0	\$0
PLANNING	LTF	\$0	\$2,540	\$0	\$0	\$0

Funding Chart



Search
Results

The milling should be to a depth of 1" and strengthening with 2.5" of P-401 asphalt for flexible pavement.

[Project Information](#)

[Show on Map](#)

MIA Cc H Headhouse Internationalization Gates H12, H14, H15 & H17

Location : Miami International Airport to Concourse H - Headhouse

Description : This project will involve several phases. The 1st Phase consists of renovating the Headhouse's west side and gates H15 and H17 for the larger aircraft 380. Scope is been revised to simplify gates concept. Phase 2 may be implemented in a subsequent 5-Year period. New project numbers are T012A K152A. Total project cost is \$72.9M.

[Project Information](#)

[Show on Map](#)

The milling should be to a depth of 1" and strengthening with 2.5" of P-401 asphalt for flexible pavement.

[Project Information](#)

[Show on Map](#)

MIA Cc H Headhouse Internationalization Gates H12, H14, H15 & H17

Location : Miami International Airport to Concourse H - Headhouse

Description : This project will involve several phases. The 1st Phase consists of renovating the Headhouse's west side and gates H15 and H17 for the larger aircraft 380. Scope is been revised to simplify gates concept. Phase 2 may be implemented in a subsequent 5-Year period. New project numbers are T012A K152A. Total project cost is \$72.9M.

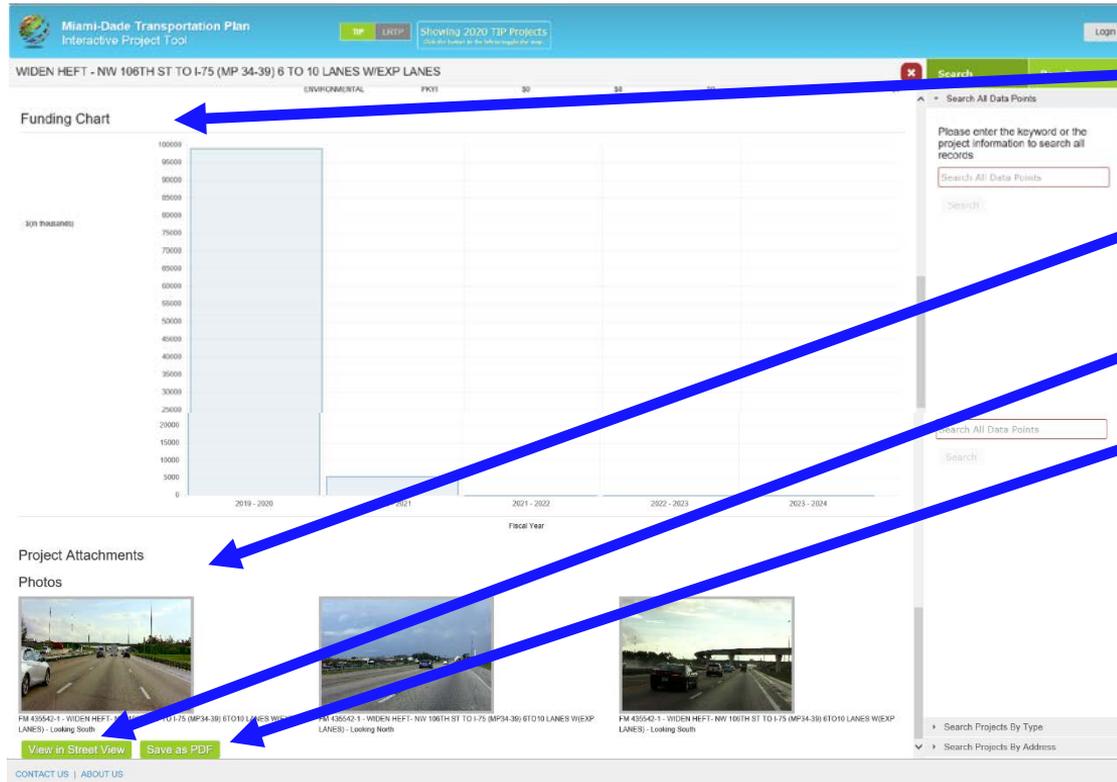
[Project Information](#)

[Show on Map](#)

Once selected, the Project Information popup report is displayed for review

Project information includes data from project limits to project funding in the TIP

Map-Based Project Information Report



Below the project funding information is a funding chart

Project related attachments follow the chart and can include project location pictures and amendment resolution docs

The "View in Street View" button accesses Google Street View

The Save as PDF button exports the project report in PDF format

Map-Based Project Information Report

Miami-Dade Transportation Plan
Interactive Project Tool

Showing 2020 IIP Projects

MIA Cc H Headhouse Internationalization Gates H12, H14, H15 & H17

Project Information

MPO Project No. APK152A
Project Name MIA Cc H Headhouse Internationalization Gates H12, H14, H15 & H17
Location/From Miami International Airport
Location/To Concourse H - Headhouse
Description This project will involve several phases. The 1st Phase consists of renovating the Headhouse's west side and gates H15 and H17 for the larger aircraft 380. Scope is been revised to simplify gates concept. Phase 2 may be implemented in a subsequent 5-Year period. New project numbers are T012A K152A. Total project cost is \$72.9M.
TIP Year 2020
Type of Project Airport Improvement
Agency Miami Dade Aviation Dept
Management Agency Miami Dade Aviation Department
Type of Work Terminal Development, Modify Terminal Building
Status Planning/Revision of project book for a completed gate concept.
Construction Year 2022
Next Step Bid/Award for Construction
Agency Project No. K152A
Contact Person

Funding Information \$(thousands)

Project Phase	Funding	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024
PLANNING	FDOT	\$0	\$2,540	\$0	\$0	\$0
PLANNING	LTF	\$0	\$2,540	\$0	\$0	\$0

Funding Chart

The chart displays funding in thousands of dollars. The y-axis ranges from 0 to 5000. A single bar for the 2020-2021 period reaches the 2540 mark.

The Project Information report is dismissed by the red -"X" button

Another project information report can be viewed immediately from the search results, if a search was performed

Map-Based Project Selection

The screenshot displays the Miami-Dade Transportation Plan Interactive Project Tool. The map shows various transportation projects overlaid on a street grid. A pop-up window is open over a specific project, providing the following details:

- Project Name:** WIDEN HEFT - NW 106TH ST TO I-75 (MP 34-39) 6 TO 10 LANES W/EXP LANES
- MPO Project No.:** TP4555421
- Type of Project:** Expressway
- Description:** Widening of the Turnpike from NW 106th to I-75 from 6 to 10 lanes. Includes 2 new express lanes in each direction.
- Location:** I-75
- TIP Year:** 2020

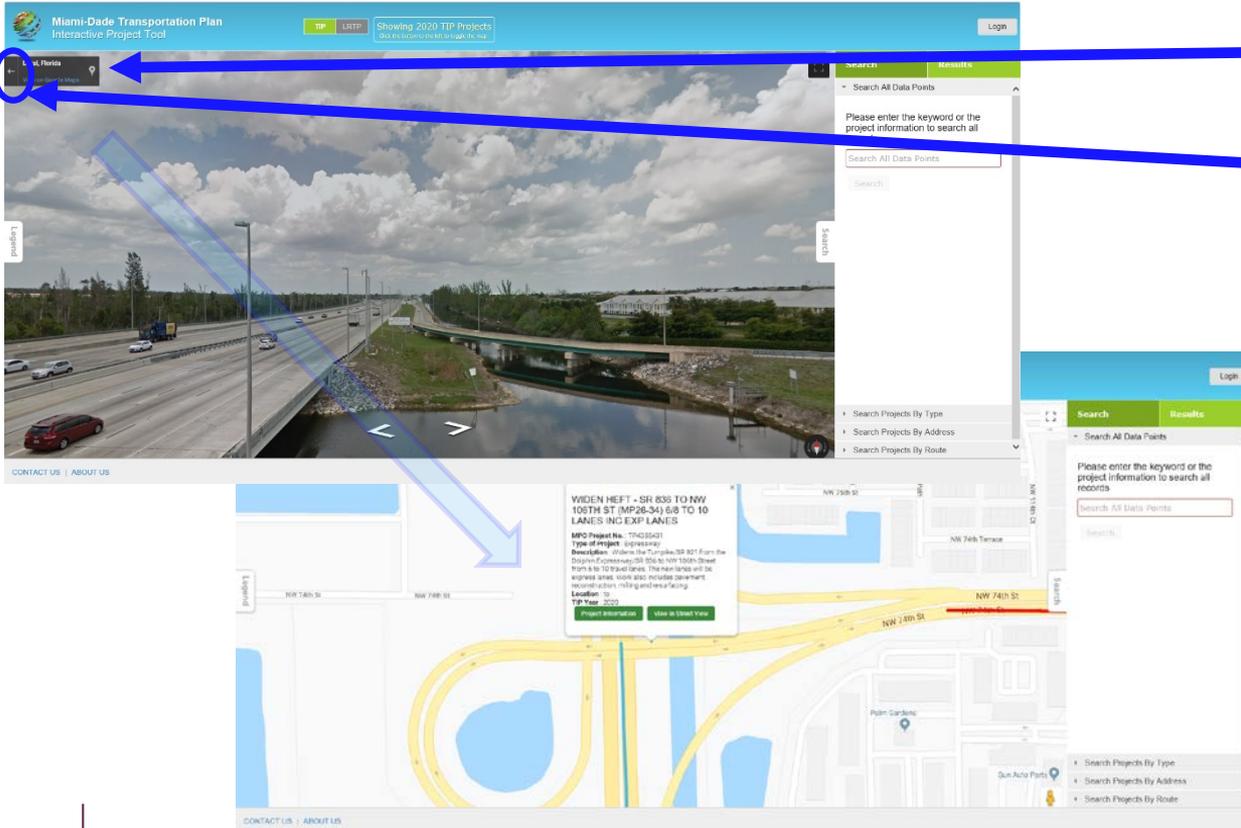
At the bottom of the pop-up window, there is a green button labeled "View in Street View", which is circled in blue. A blue arrow points from this button towards the right side of the image.

The interface includes a search bar at the top with the text "Search for a place", a "Map" button, and a "Showing 2020 TIP Projects" indicator. On the right side, there is a search results panel with a search input field and options to search by type or address.

Just like the Project Information Report, a map selected project also has a "View in Street View" button

Google Street View

Project Google Street View



Google Street View lists the general location name from Google along with the referenced image

Street View is dismissed by clicking the left-pointing "Return" arrow and returns to the interactive project tool map

New Search

The screenshot displays the Miami-Dade Transportation Plan Interactive Project Tool. The interface includes a map, a search bar, and a list of project results. Two project cards are visible:

- Homestead General Aviation Airport (X51) Security Project**
MPO Project No.: A011118
Type of Project: Airport improvement
Description: X-51 (Homestead General) security project involving access control and surveillance including improvements in Airport Operations Area such as adding fence, gates, lighting, and access control matrix devices.
Location: Homestead General Aviation Airport to
TIP Year: 2020
- Homestead General Aviation Airport (X51) Runway 18/36 Pavement Rehabilitation**
MPO Project No.: A012216
Type of Project: Airport improvement
Description: This project will provide pavement milling and P-401 overlay on Runway 18/36 at Homestead General Aviation Airport. The milling should be to a depth of 1" and strengthening with 3.5" of hot asphalt for flexible pavement.
Location: Homestead General Aviation Airport to
TIP Year: 2020

The search bar at the top left contains the text "Search for a place". A blue arrow points to the "Search" button in the top right corner of the map area. Another blue arrow points to the "Search" button in the bottom right corner of the map area. A third blue arrow points to the "Search" button in the bottom right corner of the search results panel.

A new search can be performed by selecting the "Search" tab again

Or by choosing another project location shape on the map

Other Search Types

Map-Based Search by Type

Miami-Dade Transportation Plan
Interactive Project Tool

Showing 2020 TIP Projects
Click the button to the left to toggle the map.

Map Satellite Search for a place Clear

Legend

Homestead General Aviation Airport (X51) Runway 18/36 Pavement Rehabilitation

MPO Project No.: APK027A
Type of Project: Airport Improvement
Description: This project will provide pavement milling and P-421 overlay on Runway 18/36 at Homestead General Aviation Airport. The milling should be to a depth of 1" and strengthening with 2.5" of P-401 asphalt for flexible pavement.
Location: Homestead General Aviation Airport to Homestead General Aviation Airport
TIP Year: 2020

Project Information View in Street View

Search Results

Search All Data Points
Search Projects By Type
Search Projects By Address
Search Projects By Route

Please choose the project type to search records by project type

-Select-

CONTACT US | ABOUT US

There are three other types of search controls currently available through the tool at the bottom of the Search tab

Choose the right-facing triangle next to the search type to activate

Map-Based Search by Type

Miami-Dade Transportation Plan
Interactive Project Tool

Showing 2020 TIP Projects
Click the button to the left to toggle the map.

Project Types

- Airport Improvement
- Arterial/Collector
- Pedestrian/Bicycle
- Expressway
- Passenger Transfer Station
- Miami-Dade Seaport Department
- Seaport Improvement
- Transit

Map Satellite

Search for a place

Search

Results

Search All Data Points

Search Projects By Type

Please choose the project type to search records by project type

Select

- Expressway
- Arterial/Collector Road
- Transit
- Pedestrian/Bicycle
- Airport Improvement
- Seaport Improvement
- Electronic Signs/Monitoring
- Passenger Transfer Station

Legend

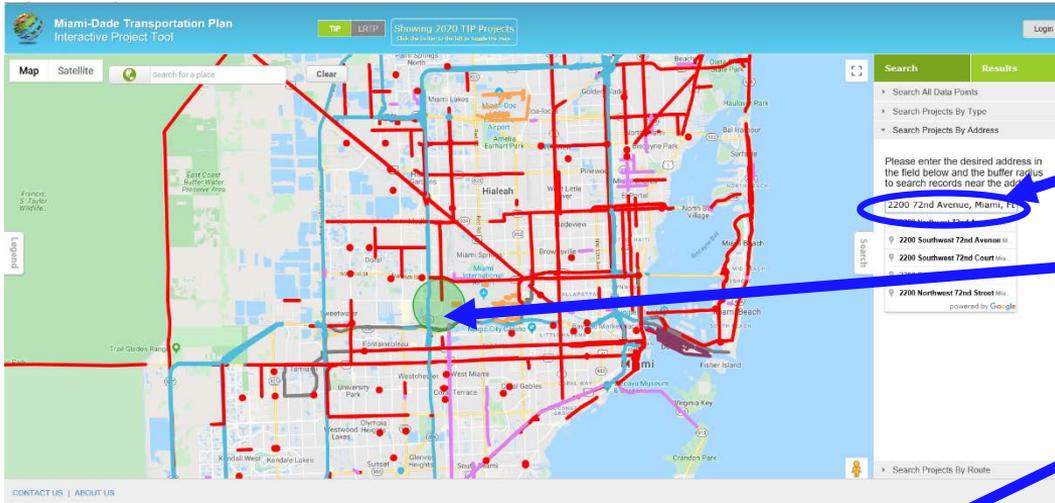
CONTACT US | ABOUT US

Search Projects by Type gives a list of projects based on the map legend types

The project type is chosen from the pulldown menu listing the project types

The map legend can be shown / hidden using the side Legend tab, just like the Search side-tab

Map-Based Search by Address



Search Projects by Address shows projects on the map near a Google address within a user specified search radius

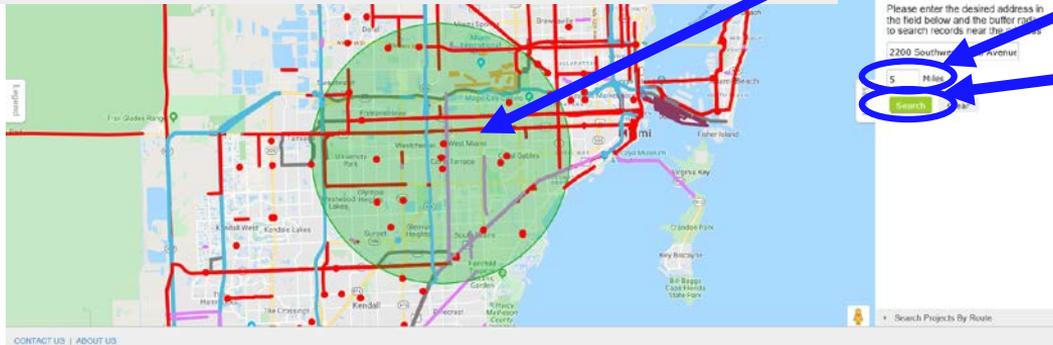
Example buffers shown at:

1-Mile radius buffer

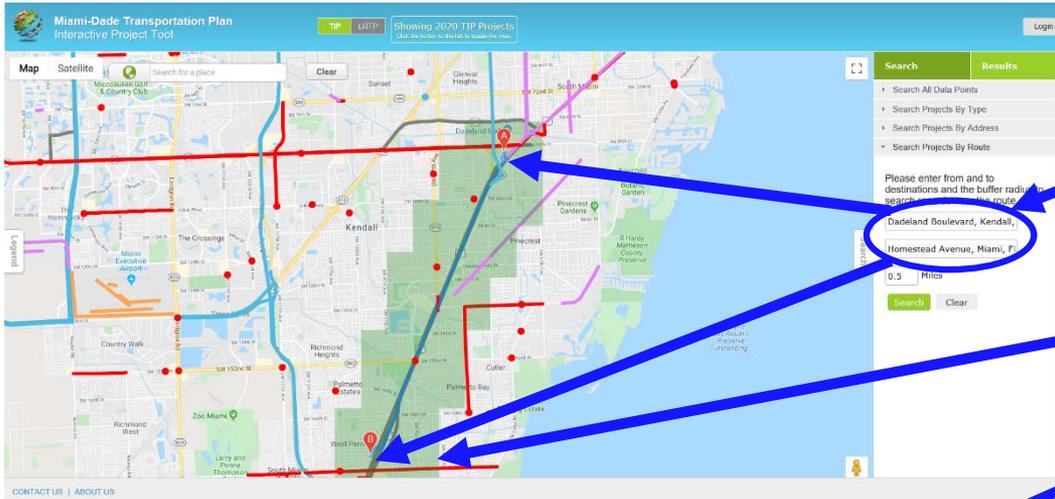
5-Mile radius buffer

Enter the search radius in the space provided

Click the Search button to execute the search



Map-Based Route Search



Search Projects by Route shows projects on the map based on a Google route between two locations within a user specified search radius

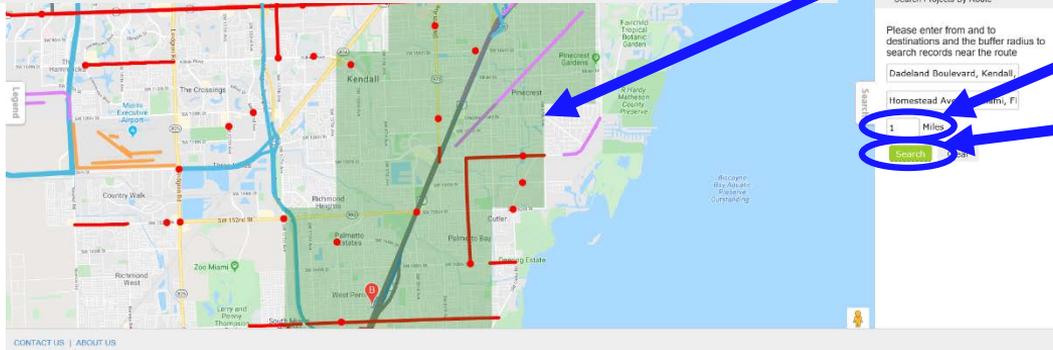
Example search buffers at:

0.5-Mile radius buffer

1.0-Mile radius buffer

Enter the search radius in the space provided

Click the Search button to execute the search



Thank you for visiting the InteracTIP
Please contact Christopher Rosenberg if you have any
questions

Christopher.Rosenberg@miamidade.gov