NOTIS: NJTPA Online Transportation Information System

December 8, 2015

Kaitlynn Davis, Senior Planner
Gabrielle Fausel, Principal Planner

North Jersey Transportation Planning
North Jersey Transportation Planning Authority
The Metropolitan Planning Organization for Northern New Jersey

STANDING COMMITTEES
Planning & Economic Development Committee
Project Prioritization Committee
Freight Initiative Committee
Regional Transportation Advisory Committee
MPO Key Products

Regional Transportation Plan (RTP)
Updated every four years

Planning

Transportation Improvement Program (TIP)
Updated every two years
Regional Transportation System

Road Network:
- 147 million vehicle miles each day
- 26,000 miles of roads, including 177 miles of toll roads
- 4,800 bridges

Transit Network:
- 732,000 trips daily
- 13% of commuters ride transit
- 250 bus routes
- Commuter rail: 390 miles of track, 150 stations
An interactive tool that allows you to explore how your state and federal tax dollars are being invested to improve the transportation system in the 13-county northern New Jersey region.
Projects must be in TIP to receive federal funding
Challenges

- Changing mapping technology
- Outdated code
- Antiquated interface
Welcome to NOTIS. Use the search filters on the right panel to identify projects by their database number (DBNUM), project name, or route. You can also find projects within a specific geographic region (either county or municipality).

Click on projects on the map to get a popup with that project's information. Use the legend below to turn the map layers on or off.

**Legend**
- TIP Projects
  - Proposed Route
  - Existing Routes
- TIP Projects (points)
- TIP Projects (areas)
- Local Safety Projects (routes)
  - Local Safety
  - High Risk Rural Roads
- Local Safety Projects (points)
- NJT Rail Lines
- Rail Stations
- Light Rail Lines
- Light Rail Lines

**Find Projects**

Choose one of the search filters below to search for projects. Projects that match your criteria will be highlighted on the map, and will appear in the table at the bottom as well. Click on a DBNUM field in the table to zoom to that project on the map.

Keyword:
- Type keyword
  - Search

Database Number:
- Select a DBNUM
  - Search

Project Name:
- Select a Project
  - Search

Route:
- Select a Route
  - Search

Find projects in a specific Area

County:
- Select County
  - Search

Municipality:
- Select Municipality
  - Search

Click here to search.
Quick Text Search Summary:

NOTIS allows you to conduct custom text searches about locations and aspects of the transportation system that are of special concern to you.

The NOTIS text-based key features allow you to directly interact with our most current transportation information system data. You can use the text-based search to find all the projects in a particular county or on a particular route.

Text search key features:

1. **County Search**
   - Lets you look for projects in specific counties.
2. **Routes Search**
   - Lets you look for projects in a specific road.
3. **Project ID Search**
   - Lets you look for a specific project.
4. **Municipality Search**
   - Lets you look for projects in specific municipalities.
5. **Transit Project Search**
   - Lets you look for transit projects.
6. **Advanced Search**
   - Lets you look for specific projects by county, fiscal year, funding source and/or status.

The online database queries provide a summary of results. These results allow users to access “Detail” information, including funding sources, year-by-year schedules and status reports.
Text Search

Select County
- Bergen
- Middlesex
- Passaic
- Warren
- Essex
- Monmouth
- Morris
- Sussex
- Hudson
- Ocean
- Hunterdon
- Union

Get Projects from Selection

Routes Search
- 1
- 1&9
- 10

Search
Text Search

Municipalities

Project ID

Municipality Search
Note: only municipalities with projects in them will be shown

- Bergen
- Middlesex
- Passaic
- Warren

- Essex
- Hudson
- Hunterdon
- Monmouth
- Morris
- Ocean
- Somerset
- Sussex
- Union

- Bloomfield Twp
- Fairfield Twp
- Glen Ridge Boro
- Newark City

Project ID Search
Enter Project ID: 

Submit
Next Steps

• Add additional functionality
• Beta testing with users
• Database to SQL
• Documentation and Maintenance schedule
Questions
Thank you

Defining the Vision. Shaping the Future.

NJTPA
NORTH JERSEY TRANSPORTATION PLANNING AUTHORITY

One Newark Center, 17th Floor
Newark, NJ 07102
(973) 639-8400
www.njtpa.org

Gabrielle Fausel
gfausel@njtpa.org

Kaitlynn Davis
kdavis@njtpa.org

Find us on Facebook!
follow us on Twitter