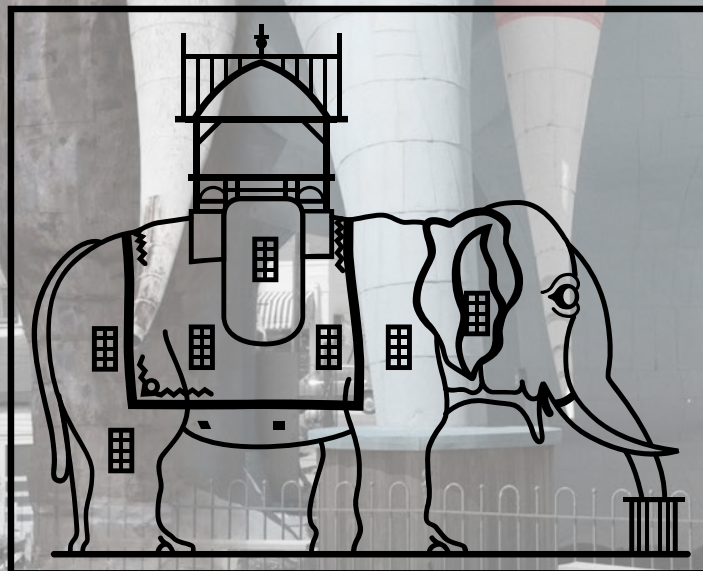NJHPO

USER GUIDE
·LUCY· NJCRGIS
ONLINE VIEWER
"The elephant never forgets..."

Cover Image: Lucy is depicted before and after restoration in this composite image; Visit www.lucytheelephant.org to learn more about NJ's most iconic National Historic Landmark. ***Credit:*** *Library of Congress, Prints & Photographs Division, HABS, HABS NJ,1-MARGCI,1- (http://www.loc.gov/pictures/item/nj0006/ , Accessed 3/2018).*

LUCY: NJCRGIS Online Viewer Version 2.0

USER GUIDE

NJ Historic Preservation Office, November 2023

Contents

I.   Introduction

The New Jersey Historic Preservation Office (HPO) is pleased to provide the **LUCY Online Map Viewer, Version 2.0**, an updated and revised online viewer for New Jersey's cultural resources inventory. LUCY fulfills an important mandate to disseminate cultural resources inventory data to constituents and the public. The updated application expands the list of available data layers, provides lists of related reports and typologies, and provides tools for better search and export of cultural resources data.

> *Why "LUCY"?*
>
> *HPO is providing a means for you to*
> *"Look Up Cultural-resources for Yourself,"*
> *and what better represents the diversity of NJ's cultural landscape than one of our most iconic landmarks,* Lucy, The Margate Elephant.
>
> *Learn more about Lucy the Elephant...*

This ***User Guide*** is intended to assist you with the map application and its various tools. It is not intended to be a comprehensive manual for the ArcGIS Online platform upon which this application is built, but we hope this browser-based approach to delivering HPO's rich content will facilitate increased awareness and proactive planning for NJ's valuable cultural heritage. The application is designed to function in a variety of web browsers, devices, and screen types. Note that the appearance of various components of the application may appear differently than illustrated here depending on the combination of browser, device, and screen size.

As you explore NJ's cultural landscape with LUCY, HPO welcomes your comments, questions, and feedback on the application or the GIS data provided. Please email the HPO with a brief message at njhpo@dep.nj.gov. Be sure to include LUCY GIS VIEWER in your subject line.

1.   About Cultural Resources in NJ

Historic resources are those buildings, structures, objects, sites, and districts that meet the National Register Criteria for Evaluation (NPS Website). These criteria outline qualities for which a property may be considered significant at the local, state, and national levels. Those significant properties or districts that retain integrity of design, feeling or association are considered historic. Historic resources are generally considered either "above ground" (buildings, structures and objects) and "below ground" (archaeological sites), with consequent differences in identification and treatment for each discipline.

2.   Accessing LUCY Online Map Viewer

LUCY can be accessed in most browsers and on most devices here:
https://njdep.maps.arcgis.com/apps/webappviewer/index.html?id=6706acec2a7e46489f6d4dabba02fc9c

3.   Alternative NJCRGIS Resources

NJ HPO also makes CRGIS data available from the following sources:

NJ Geoweb: An interactive application for viewing, querying and analyzing both local and statewide areas of interest and environmental information. Use the following links to access NJ Geoweb:

- Launch Page
- NJ Geoweb Quick Start Guide (PDF)

NJ OIT Open Data Platform: The NJ Office of Information Technology (OIT) hosts an open data platform from which GIS data can be linked, or downloaded for use off-line. Each of HPO's GIS layers and associated metadata can be accessed through this data portal. Each of these layers is described in more detail below at **III. Data Included**. Use the following links to access the CRGIS layers:

- Historic Districts
- Historic Properties
- Historic Property Features
- Archaeology Grid

II. Data Included

The HPO has defined the following layers to represent cultural resources in GIS applications: Historic District Polygons, Historic Property Polygons, Historic Property Feature Points, and Archaeological Site Grid. The data provided in these layers represents historic resources that:

1. Are National Historic Landmarks (NHL),
2. Are included in the NJ and/or National Registers of Historic Places (LISTED),
3. Have formal determinations of eligibility for inclusion in the Registers (ELIGIBLE),
4. Have been designated as local landmarks and districts by municipalities (LOCAL), or
5. Have been documented and evaluated through cultural resources survey efforts statewide (IDENTIFIED).

These layers also include resources no longer considered as historic, that:

6. Have been formally determined not-eligible for inclusion in the Registers (NOT ELIGIBLE),
7. Have been formally de-listed and removed from the NJ and/or National Registers of Historic Places (DELISTED), or
8. Have been demolished or destroyed regardless of status above. (DEMOLISHED – Historic Properties only). HPO makes every effort to update this status as it is discovered or documented, but this categorization is not comprehensive and the datasets below may include resources which have since been demolished/destroyed.

It is important to note:

- Not all resources in each of these categories have yet been digitized into the GIS database.
- Most features in these datasets represent categories 1, 2, and 3 above. HPO is still in the process of comprehensive digitizing for categories 4 and 5.
- These data sets include data for all 21 New Jersey counties.
- These datasets are not exclusionary; other historic resources may exist which are as yet unidentified, unrecorded, or undocumented and therefore not represented in the CRGIS database.

> *Important: These datasets are not exclusionary.*
>
> *Other historic resources may exist which are as yet unidentified, unrecorded, or undocumented, and therefore not represented in the CRGIS database.*

1. Historic Districts

Historic Districts possess a significant concentration, linkage, or continuity of buildings, sites, structures, or objects united historically or aesthetically by plan or physical development. This dataset represents the polygon boundaries of historic districts meeting one of the seven categories above and are symbolized accordingly (Fig. 1). Full metadata is available here: NJ Historic Districts Metadata

Figure 1: Historic Districts legend

2. Historic Properties

Historic Properties are resources (buildings, structures, objects, or sites) evaluated individually or that form the individual components of an historic district. This dataset represents the polygon boundaries of historic properties meeting one of the eight categories above and are symbolized accordingly (Fig. 2). For each category, a property is either:

- **INDV:** Evaluated individually, or
- **HD:** Evaluated has part of one or more historic districts

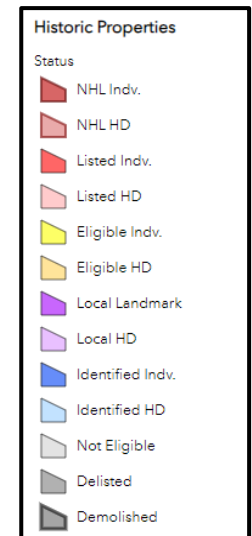Full metadata is available here: NJ Historic Properties Metadata

Figure 2: Historic Properties legend

3. Historic Property Features

Historic Properties Features are the discreet buildings, structures, objects, or sites that make up an historic property. This dataset represents the point locations of historic property features (Fig. 3), symbolized as either:

- CONTRIBUTING: Related to the significance and integrity of the property
- NON CONTRIBUTING: Un-related to the significance and integrity of the property
- NOT ASSESSED/UNKNOWN: Status relative to the property is un-documented

Full metadata is available here: NJ Historic Property Features Metadata
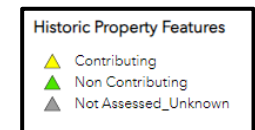
Figure 3: Historic Property Features legend

4. Archaeological Site Grid

Archaeological Sites are locations of prehistoric or historic occupation or activity possessing archaeological value. This dataset includes a vector grid of approximately 1/2 mile cells indicating the presence of Archaeological Districts or Sites meeting one of the seven categories above and are symbolized accordingly (Fig. 4). This data is generally limited to archaeological resources on-file at HPO and does not yet include the comprehensive catalog of archaeological sites on file at the New Jersey State Museum or the New Jersey Pinelands Commission. Full metadata is available here: NJ Archaeological Grid Metadata.

Figure 4: Archaeological Site Grid legend

III. Map Overview

1. Annotated Application Screen
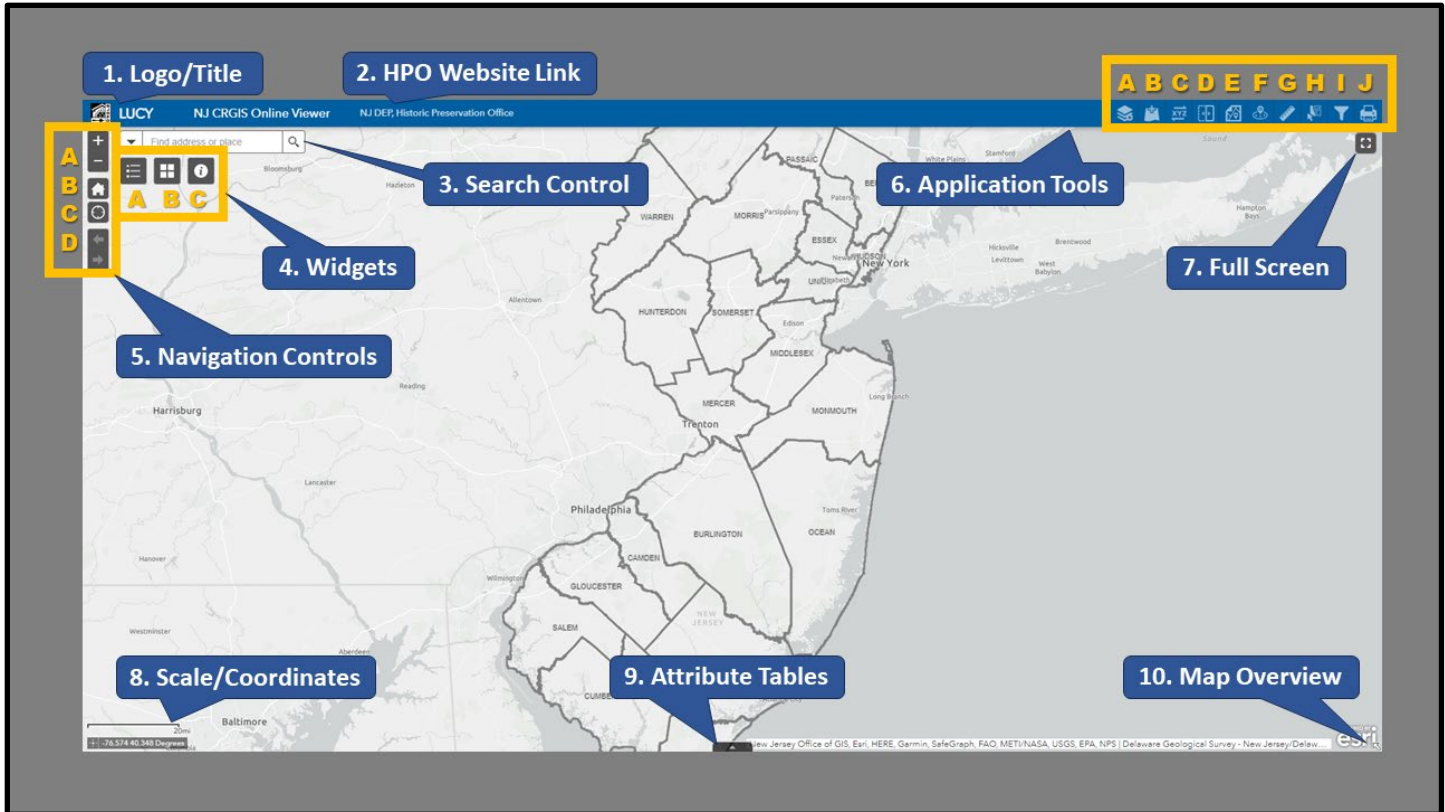
Figure 5: LUCY v.2.0 Screenshot, 7/2023, NJHPO

The screenshot above presents a desktop browser view of the LUCY application. The annotated features represent the core functions of the application as follows:

1. Logo / Application Title

2. HPO Website Link

3. Search Control

4. Widgets:
    A. Legend
    B. Basemap Gallery
    C. About

5. Navigation Controls:
    A. Zoom In/Out
    B. Default Extent
    C. My Location
    D. Next/Previous Extent

6. Application Tools
    A. Layer Lists
    B. Add Data
    C. Coordinate Conversion
    D. Imagery Swipe
    E. Parcel Search
    F. Near Me
    G. Measurement
    H. Select
    I. Custom Layer Filter
    J. Print

7. Full Screen

8. Scale Bar / Coordinates Tool

9. Attribute Tables

10. Map Overview

Each of these items are described in greater detail below at: *IV. Tools and Controls*.

2. General Map Operation

The map can be manipulated using a variety of techniques depending on the users device and browser setup.

DESKTOP BROWSER / MOUSE CONTROL:

- Click and drag with the left mouse button to pan the map to an area of interest.
- Use the mouse scroll wheel to zoom in and out.
- Zoom in by holding SHIFT and selecting a rectangular area with the mouse. A red box will indicate the selected zoom area.
- Click a map feature to reveal the pop-up window.

MOBILE BROWSER / TOUCH CONTROL:

- Touch and drag to pan the map to an area of interest.
- Pinch together or apart to zoom in and out.
- Touch a feature to reveal the pop-up window.

POP-UP WINDOWS:

- Pop-Up windows display detailed attributes about features at a selected location.
- When there are multiple features at a location, use the arrow buttons at the top-right of the pop-up to scroll through all features.
- To view additional related table information, click the related tables links at the bottom of the pop-up.
- Click the ZOOM TO link at the lower left to zoom to the extent of the current feature.
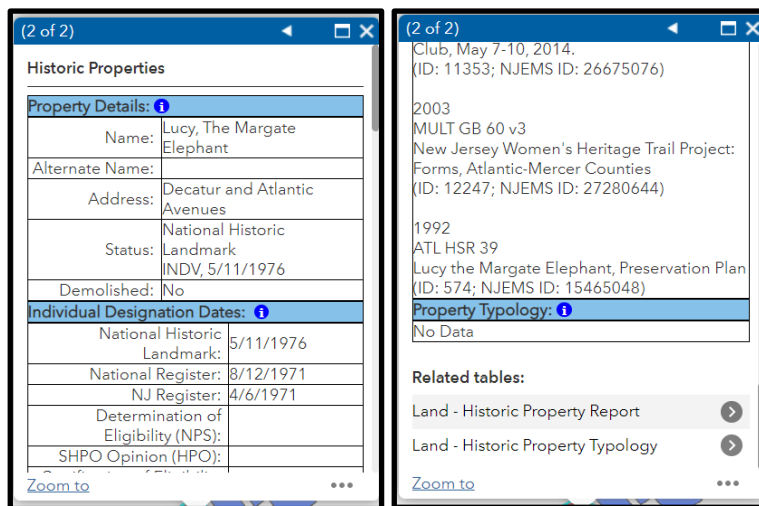- Click the "…" icon to expose additional options (Fig. 7).
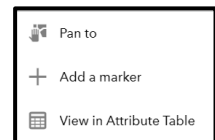

Figure 6: Pop-up window example

Figure 7: Pop-up additional options

Attributes displayed in the pop-ups for HPO's cultural resources data layers are described in detail below at *V. Cultural Resourse Attributes and Related Data*. Instructions on using markers to share locations with others is detailed below at *VI. Other Functionality*.

IV. Tools and Controls

The tools and map controls illustrated at **III. Map Overview** above are defined below with details and examples of usage where appropriate.

1. Logo / Application Title:

HPO's logo and title for the web application.

2. HPO Web Link:

Links to HPO's website home page

3. Search Control:

Use the search box dropdown to search for specific locations or historic resources in the map (Fig. 8). User can select a search option using the dropdown selector:

Figure 8: Search Control

A. **All:** Searches all available content
B. **Historic Districts:** Searches on *Name* and *Alternate Name* in the historic district layer.
C. **Historic Properties:** Searches on *Name* and *Alternate Name* in the historic properties layer.
D. **ESRI World Geocoder:** Searches for place names and/or addresses.
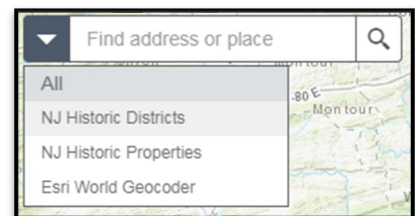
The search box defaults to ALL if nothing is selected. When searching ALL, an address that is also a property name (or historic district name) will return both items in the results list (Fig. 9). *Note that block and lot searches are handled via the Parcel Search widget, explained below.*

Users can also type or paste latitude and longitude coordinates into the search box in either **degrees, minutes, seconds** (DMS) or **decimal degrees** (DD). *Note that the formatting of the coordinates will affect the results:*

Figure 9: Search Results as Property and Address

	Entered directly	Copy/Paste:
DMS	39d19'14.520"N 74d30'41.039"W or 74d30'41.039"W 39d19'14.520"N	39°19'14.520"N 74°30'41.039"W or 74°30'41.039"W 39°19'14.520"N
	• DMS coordinates must be entered without spaces between the DMS elements • Single space or comma between the pair • Can be entered in either order (N then W or W then N) • If typing in manually, use a "d" in place of the degree character (which isn't on the standard keyboard).	
DD	39.3207 -74.511 or -74.5114 39.3207	
	• Decimal degrees can also be entered in either order but results will also return the inverse location and be reformatted as DMS values (Fig. 10). • Single space or comma between the pair	

Figure 10: Decimal Degree Results

4. **Widgets**:

Widgets are additional tools and functionality packaged with ArcGIS Online. HPO has included several here and in the map header (See *6. Application Tools* below) for exploring the historic resources inventory.

A. **Legend:** Displays the symbology for currently visible layers (Fig. 11).

B. **Basemap Gallery:** Allows the user to change the basemap for the application (Fig. 12).

C. **About:** Opens the About screen pop-up, which contains a summary description of the application and directs users to additional information (Fig. 13).
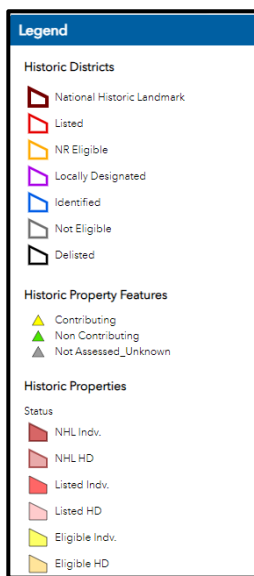
Figure 11: Legend (4A)
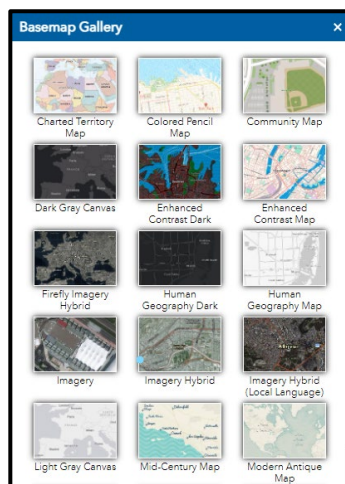
Figure 12: Basemap Gallery (4B)
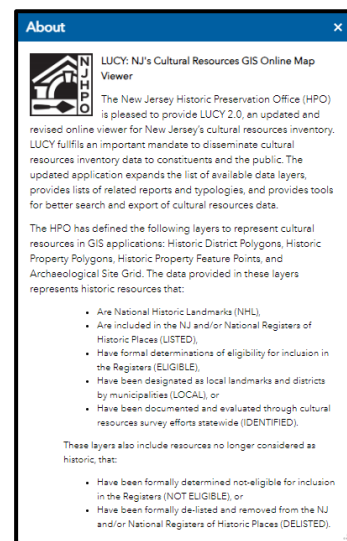
Figure 13: About pop-up (4C)

5. **Navigation Controls**:

Adjusts the location and extent of the map display.

A. **Zoom In/Out:** Click the plus (+) icon to zoom in or the minus (-) icon to zoom out. The scroll wheel on the mouse will also zoom in/out. (Use "pinch" on touch enabled devices to zoom in/out)

B. **Default Extent:** Click the "home" icon to return the map to the default extent.

C. **My Location:** Click to turn on location marker and pan/zoom map to the current location. Note that the location will be approximate in desktop browsers, and more precise on mobile devices with location services enabled. Refer to your mobile device's manual for guidance on managing location services.

D. **Previous/Next Extent:** Click to return to the prior map location/zoom level, or forward to the next map location/zoom level.

6. Application Tools

The widgets in the map header provide additional functionality for managing layers, adding data, searching, filtering, and selecting cultural resources data.

A. **Layer Lists:** Toggles the Layer Lists dropdown, which displays thematic groups of layers currently included in the application. (Fig. 14). Layer groups include:

Figure 14: Layer Lists (6A)

- **Historic Preservation:** NJ HPO core CRGIS layers
- **Base Layers:** Core reference layers (Counties, municipalities, parcels, roads, etc.)
- **Administrative Areas:** Jurisdictional areas (Highlands, Pinelands, CAFRA, etc.) and legislative districts.
- **Planning:** Planning related layers (NJ State Plan data, Brownfield Redevelopment Areas, etc.)
- **Land:** Land coverage layers (Building footprints, Land Use/Land Cover, impervious surface, etc.)
- **Water:** Hydrography layers (Streams, waterbodies, canals, watersheds, etc.)
- **Geology:** Geological layers (Surficial geology, bedrock outcrops, physiographic provinces, etc.)
- **Imagery:** NJ specific statewide imagery layers by year.

Figure 15: Layer list dropdown

Click a Layer List group to display the individual layers, view symbology, and access additional controls (Fig. 15):

- Use the checkboxes to turn individual layers on or off.
- Use the arrow to the left of the layer name to expand the layer legend
- Use the search icon to search layer names in long layer lists
- Use the group action icon to turn all layers on/off or expand/collapse all layer legends (Fig. 16).
- Use the "…" icon to refine the display of an individual layer (Fig. 17).

Figure 16: Group actions

Figure 17: Layer options

B. **Add Data:** Add additional data layers to the map application. Layers may be added from multiple sources as follows:

- **Search**: searches for existing online sources by keyword(s) (Fig. 18).
- **URL**: Enter URL for a known data source such as from NJOGIS Open Data platform or from NJGIN Explorer (Fig. 19)
- **File**: Add from local data in SHP, CSV, GPX, or Geo JSON formats (Fig. 20).
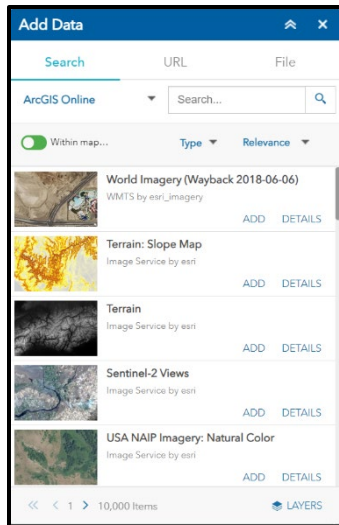
Figure 18: Add Data: Search (6B)

- Click Type dropdown to limit results by service type
- Click Relevance dropdown to sort results by name, date, etc.
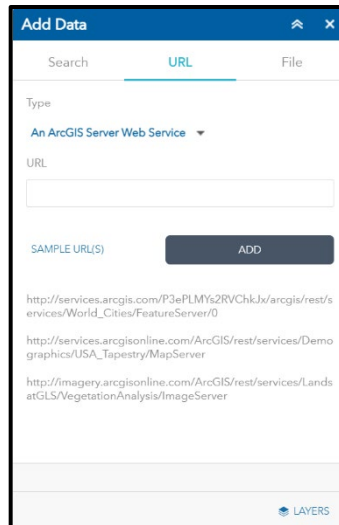
Figure 19: Add Data: URL (6B)

- Click Type dropdown to select the type of map service
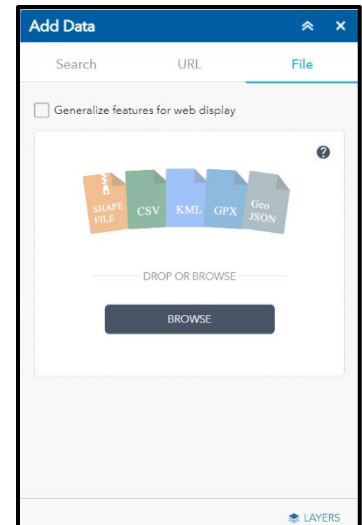
Figure 20: Add Data: File (6B)

- Uncheck "Generalize.." to display the data as originally delineated
- Click "?" for descriptions of valid file types
- Generally limited to datasets with less than 1000 features

C. **Coordinate Conversion:** View coordinates in multiple formats by entering coordinates or clicking a map location.

- Paste or type coordinates in the INPUT box OR click the marker icon to get coordinates from a map location (Fig. 21)
- Click the gear icon to change the input coordinate format (Fig. 22)
- Click the copy icon at the input box to copy all results, or at a specific result for individual coordinates
- Click the right arrow to expand details for individual coordinate result (Fig. 23)
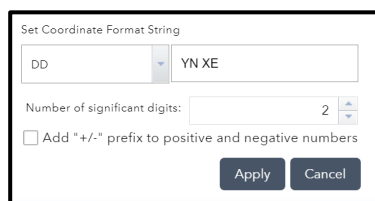
Figure 22: Coordinate input options
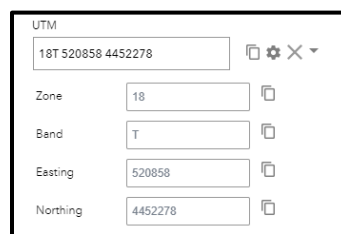
Figure 23: Coordinate result details
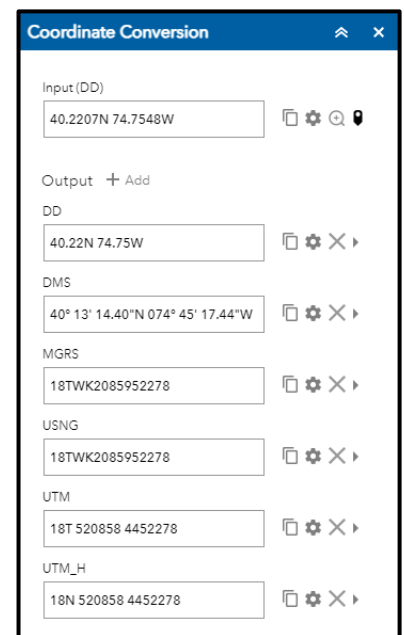
Figure 21: Coordinate conversion tool

D. Image Swipe: Compare two image layers by swiping back and forth to visualize differences between them.

- Navigate to an area of interest.
- Click LAYER LISTS > IMAGERY and turn on two different image layers.
- Click IMAGE SWIPE tool
- Make sure the upper image layer is selected as the swipe layer (Fig. 24). Image layers are arranged by year in descending order; most recent at the top and earliest at the botom.
- Click and drag the vertical swipe bar back and forth to compare the two image layers.
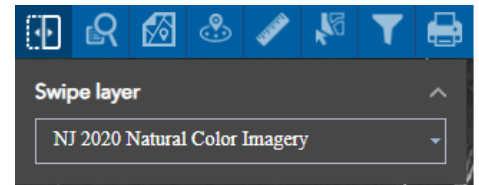
Figure 24: Image Swipe settings (6D)

E. Parcel Search: Searches for specific tax parcels (blocks and lots) within a municipality (Fig. 25).

- **County:** Select the county name
- **Municipality:** Select the municipality name.
  Note: the dropdown list may take a moment to populate
- **Block:** Enter the block number
- **Lot:** (Optional) Enter the lot number for a specific parcel
- **Apply:** Click to view the results.

The Results tab displays matching parcel(s), and the map is zoomed to the result with the parcel(s) highlighted (Fig. 26).

Click the **⋯** symbol to see additional actions for interacting with the result (Fig. 27):

(a) Zoom to: Zooms to the parcel feature
(b) Pan to: Pans to the parcel feature at the current map scale
(a) Flash: Causes the feature to blink momentarily in the map
(b) Show pop-up: Displays the pop-up attribute window for the feature
(c) View in Attribute Table: Opens the attribute table window for the feature *(See 9. Attribute Table below for additional information about using the Attribute Table view).*
(d) Remove this result: Deletes the result from the map window

Figure 25: Parcel search (6E)
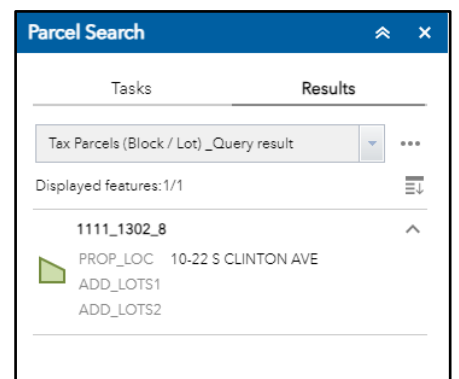
Figure 26: Parcel Search Results

Figure 27: Parcel Search Actions

F. **Near Me:** Perform a buffer search from within a specified radius of a location of interest. The location can be selected by clicking on the map, or by entering an address or place name in the search box (Fig. 28).

- Adjust slider or enter a distance to set the search distance.
- Enter a location in the search box and hit ENTER or click the Set Location icon and then click a location on the map:
  - (a) Map zooms to the search extent buffer
  - (b) Summary results list by layer searched
  - (c) Expand the results by clicking each category
  - (d) Click an entry for details about each result
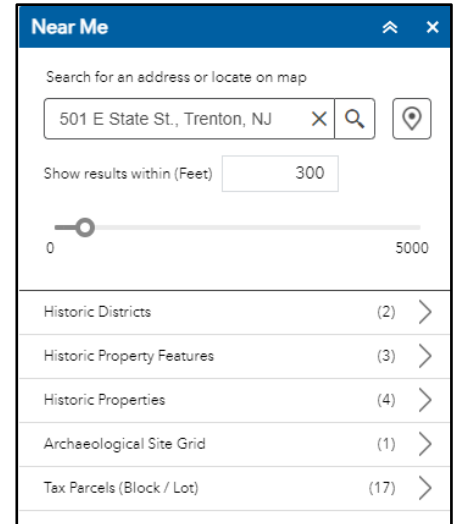
Figure 28: Near Me Search Tool (6F)

G. **Measurement:** Measure area, distance, or coordinate location on the map. Select a measurement type, then select the units from the dropdown list (Fig. 29).

- **Area:** Provides the area of any delineated polygon. Click to start drawing; double-click to finish. *Note: Units can be changed after the polygon is delineated.*
- **Distance:** Provides the length of a delineated single- or multi-segment path. Click to start drawing; double-click to finish. *Note: Units can be changed after the path is delineated.*
- **Location:** Indicates the latitude and longitude of location clicked and the running coordinates at mouse position. Positions are available in either Decimal Degrees or Degrees, Minutes, Seconds.
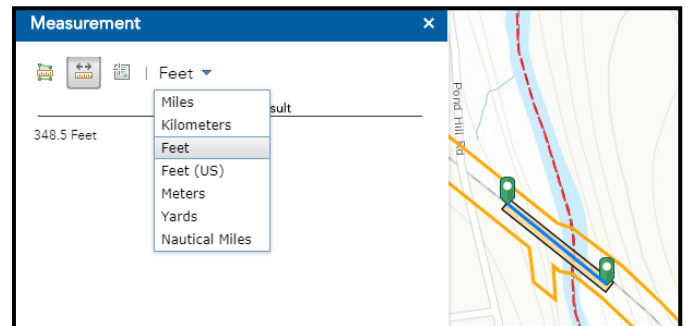
Figure 29: Measurement Tool (6G)

H. **Select:** Select features in the map for additional actions. (Fig. 30)

- **Selection Method:** Click the down arrow in the Select button to change the selection method (point, rectangle, circle, line, etc.).
- **Selection Layers:** Check / uncheck the boxes next to the available layers to control which layers are selectable or click the group selection icon to toggle selectability for all layers. *Note: Layers must be turned on and within visible scale range to be selectable.*
- **Select Features:** Create a selection by clicking or clicking and dragging an area of the map (depending on the selection method). Selected features will turn blue.
  - (a) Click the layer name to view a list of selected features in that layer.
  - (b) Click the "…" icon to see additional actions for the selected features in the layer
  - (c) Click the CLEAR button to unselect all features.
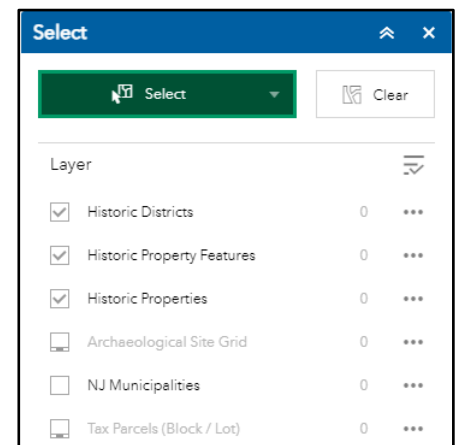
Figure 30: Select Features Tool (6H)

- **Selection Actions:** Selected features can be viewed, exported, saved, and further explored with the actions available in the actions dialog:

  (a) **Zoom to:** Zooms and centers the map on the selection set

  (b) **Pan to:** Centers the map on the selection set at the current scale

  (c) **Flash:** Visually animates the selection set in the map for a brief time

  (d) **Show pop-up :** Opens the pop-up detail window for the feature. *(Single feature selection only)*

  (e) **Export to CSV file:** Saves attributes for the selection set to a comma separated value (CSV) file.

  (f) **Export to feature collection:** Saves attributes for the selection set to a .json file*

  (g) **Export to GeoJSON:** Saves geometry and attributes for the selection set to a .geojson file. *Note: Use this format to import features into LUCY s as a separate layer using the ADD DATA widget described above.*

  (h) **Statistics:** Opens a statistics dialog for numeric attributes of the selection set *(Multiple feature selection only)*

  (i) **Create Layer:** Creates a temporary feature layer for the selection set in the current instance of the LUCY application. This layer will appear in the LAYER LISTS widget and can be turned on or off but will be erased once the map closed or reloaded.

  (j) **Add a marker:** Adds a marker icon to the map at the selected feature *(Single feature selection only)*. Marker locations can be shared with others as detailed below at IV. Other Functionality.

  (k) **Save to My Content:** Saves the selection set as a feature collection in the My Content tab of ArcGIS Online or ArcGIS Enterprise. *(Requires an ArcGIS Online or Enterprise user account)*

  (l) **Show related records:** Open the attribute table(s) for records related to the features in the selection set. See 9. Attribute Tables below for details on interacting with the attribute table window.

  (m) **View in Attribute Table:** Open the attribute table for features in the selection set. See 9. Attribute Tables below for details on interacting with the attribute table window.

  (n) **Clear selection:** Unselects all features in the layer.
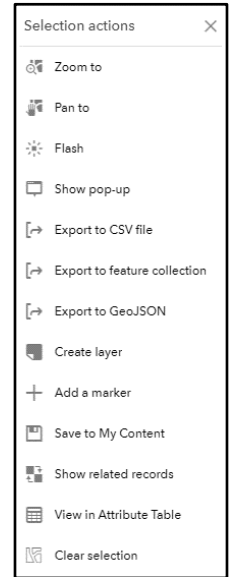
Figure 31: Layer selection actions. (6H)

I. **Custom Layer Filter:** Filter the features in a data layer based on attribute values by adding one or more expressions to the Custom Layer Filter dialog.
- Begin by clicking the Filter Actions icon lower left of the dialog.
- Use the filter actions icons to:
  (a) Turn off filters
  (b) Reset filters
  (c) Create a custom filter
- Click Create a custom filter to open the expression dialog (Fig. 32).
  (a) Layer: Select a feature layer to filter
  (b) Add expressions:
      (i) Click *Add expression* to add a single filter expression or
      (ii) Click *Add set* to add multiple filter expressions. With multiple expressions, select ANY or ALL from the dropdown to control how multiple expressions are evaluated.
          1. ANY: "Display features in the layer that match any of the following expressions"
          2. ALL: "Display features in the layer that match all of the following expressions"
  (c) Set up expression(s):
      (i) Select the attribute to filter
      (ii) Select the filter parameter
      (iii) Select or enter the attribute value
      (iv) Check to make the results case sensitive
  (d) Click ENTER in the value box of the final expression to execute the filter.
- Depending on the spatial distribution of results, matching features may not be visible in the map window. Open the attribute table and select the filtered layer to view the resulting list of features *(See section 9. Attribute Tables below*)
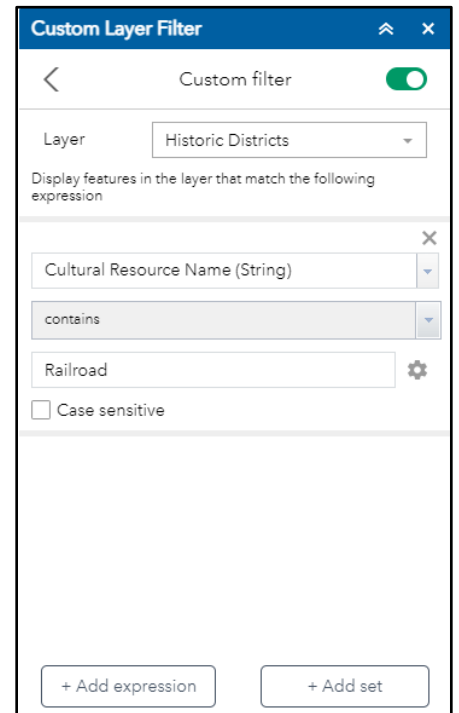
Figure 32: Custom Layer Filter dialog (6I)
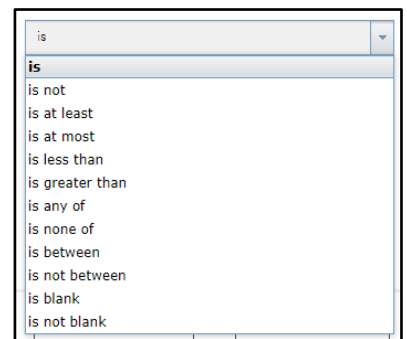
Figure 33: Filter parameters

J. **Print:** Enables printing of a simple layout in a variety of formats (Fig. 34). Only visible layers will be included in the layout (*See 6A: Layer List above*).

- **Map Title:** Enter a map title if desired
- **Layout:** Choose layout. Defaults to letter size, landscape orientation.
- **Format:** Choose output format. Can be saved as PDF or a variety of image types (JPG, PNG, SVG, etc.)
- **Advanced:** Click Advanced to adjust or set:
  (a) Map Scale:
    (i) Preserve Scale to keep the layout at the current scale of the map display, which may change the extent shown in the layout.
    (ii) Preserve Extent retains the longest dimension of the displayed map, which may change the scale of the layout map.
    (iii) Force Scale to set a predetermined map scale in the layout.
  (b) Author and Copyright information
  (c) Legend on or off
  (d) Scale bar units
  (e) Size of the map frame in pixels
  (f) Print quality (resolution) of the map frame

Figure 34: Print (6J)

- **Print Button:** Click to generate the layout. This can take a few minutes depending on scale and resolution.
  (a) Once generated, click the result to view the layout. Use browser tools to save or download the layout. See a sample layout below (Fig. 35).
  (b) Multiple layouts can be generated in the same session to create a series of maps, if desired.
  (c) As currently configured, the map does not label features in the layout, but labels can be manually added for key features using annotation tools in Adobe Acrobat or another document/photo editor.

NJ CRGIS Online Viewer

12/11/2017, 3:28:26 PM

1:16,050

NJ Historic Districts

- Listed
- NR Eligible
- Identified

NJ Historic Properties
- Listed INDV

- Listed HD
- Eligible INDV
- Eligible HD
- Identified INDV
- New Jersey Municipalities - Municipalities

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

NJ DEP, Historic Preservation Office

ASA, EPA, USDA | NJ Office of Information Technology (NJOIT), Office of Geographic Information Systems (OGIS) | New Jersey Office of Information Technology (NJOIT), Office of Geographic Information Systems |

Figure 35: Sample Layout (letter, portrait)

7. Full Screen

Allows the map application to be displayed full screen.

8.   Scale and Coordinates

Displayed in the lower left corner of the screen are the current map scale and running coordinates for the cursor position in decimal degree format (Fig. 36).

Exact coordinate locations can be obtained from the map:
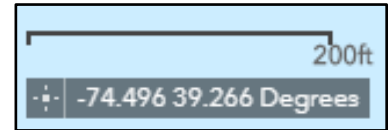
Figure 36: Scale and Coordinates

- Click the cross-hairs in the coordinates box *(Cross-hairs will turn blue)*
- Click anywhere on the map
- A marker is added to the map and coordinates for that location are displayed in the box. *Note the coordinate text can then be selected and copied/pasted into other documents.*
- Click the cross-hairs again to turn off this feature and return to running coordinates.

9. Attribute Table

The attribute tables for data layers within the application can be viewed by clicking the "Open Attribute Table" arrow centered at the bottom of the screen. The table dialog pulls up from the bottom of the screen, and includes tabs for each feature layer visible in the map (Fig. 37). Users can interact with the data in the attribute table in a variety of ways:

Figure 37: Attribute Table window (8)

A. **Tabs:** Click each tab to view the data available for each visible layer

B. **Filters:** The data in the table can be filtered to limit the data displayed (Fig. 38):

- "**Filter by map extent**" is turned on by default. Click the "**Filter by map extent**" button to turn this off and show all rows *(Note this can take a while to populate depending on which layer is active in the table).*

- Click **OPTIONS > Filter** to bring up the Filter query window. *Note this option differs from a search in that once the filter is applied, only features which meet the selected criteria will be displayed in the table or in the map. The filter persists within the map and must be removed to restore all available data to the view.*
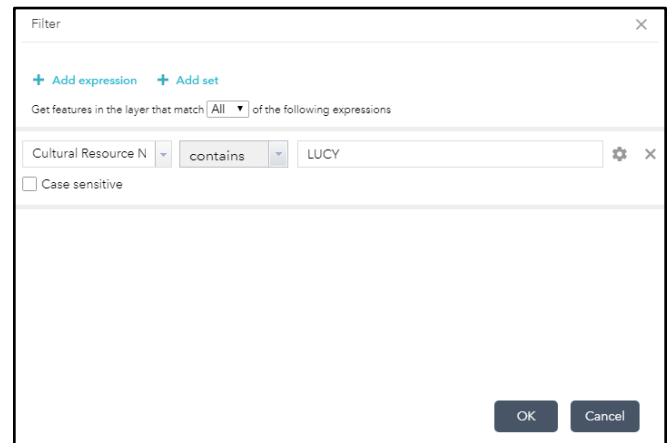
Figure 38: Filter Query Window

  (a) Click **Add expression:**
    (i)   Select the data field from the first dropdown list
    (ii) Select the operator from the second dropdown list
    (iii) Type a value in the third box
    (iv) *OPTIONAL:* Check the box next to "Case sensitive" if desired
    (v)   *OPTIONAL:* Add additional criteria by clicking "**Add expression**" or "**Add set**"
    (vi) Click OK

    The number of features will be displayed in the lower left corner of the attribute table window. *Note if the display reads "0 features," either **Filter by map extent** is still active or there were no features that met the criteria.*

C. **Selection:** Features can be selected in the table by clicking the left edge of the table row. Selected features are highlighted light-blue.

- Click to select records:
  (a) Single click to select one record
  (b) Click – Scroll – SHIFT+Click to select a range of contiguous records
  (c) CTRL+Click to select multiple discontiguous records
- Click "**Zoom to**" in the Attribute Table menu to zoom to the selected feature(s). *Note features may not be visible due to scale-visibility settings if the selected features are wide-spread.*
- Click "**Clear selection**" in the Attribute Table menu to de-select all features in the active layer.

10. Map Overview

An inset map overview can be displayed by clicking the small white "**Show Map Overview**" arrow in the extreme lower right corner of the map frame (Fig. 39):

A. **Map Overview** displays in the lower right corner of the map frame. Use the following to interact with the map overview:
   - **Click and drag** the grey rectangle to pan the map in any direction.
   - **Maximize** the map overview by clicking the grey four-headed arrow in the lower right corner of the overview frame.
   - Click again to restore to original size.
   - Close the map overview by clicking the small white **"Hide Map Overview"** arrow in lower right corner of the the overview frame.
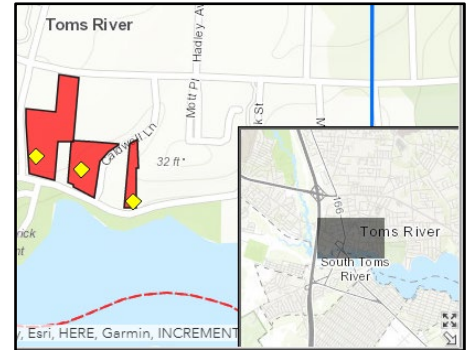
Figure 39: Overview Map

V. Other Functionality

1. Share Locations in LUCY

Users can place markers on the map and share those locations with others:

A. From a search results pop-up or an attribute pop-up dialog, click the "…" icon in the lower right and choose "ADD MARKER"(Fig. 40).

B. Click the new marker to display the marker attributes (Fig. 41).

C. Select the text in the URL field
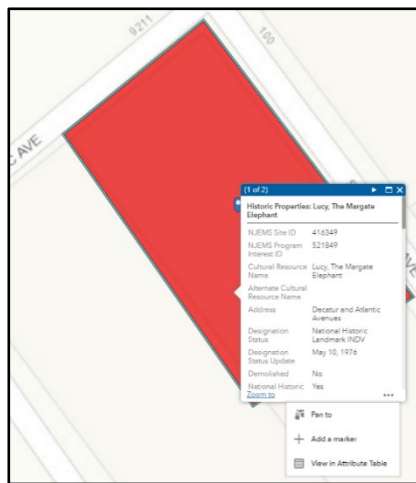
Figure 41
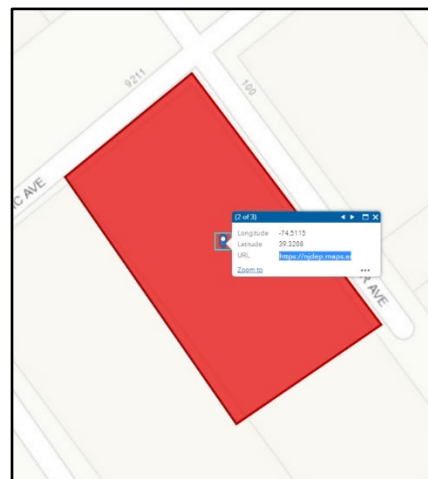
Figure 40

D. Right-click selected URL text and choose "COPY"

E. Paste the URL into an email or other document to save the location and share it with others:
https://njdep.maps.arcgis.com/apps/webappviewer/index.html?id=6706acec2a7e46489f6d4dabba02fc9c&marker=-74.51153316916535%2C39.3207978238791%2C%2C%2C%2C&markertemplate=%7B%22title%22%3A%22Lucy%2C%20The%20Margate%20Elephant%22%2C%22longitude%22%3A-74.51153316916535%2C%22latitude%22%3A39.3207978238791%2C%22isIncludeShareUrl%22%3Atrue%7D&level=18

Note: Due to the length of the URL text, it is generally not possible to manually enter it into a web browser.

VI. Cultural Resource Attributes and Related Data

The attributes available for each cultural resource layer and related data tables are detailed below. The full entity and attribute definitions are available from the metadata links provided at **II. Data Included** above.

1. Historic Districts

Historic Districts possess a significant concentration, linkage, or continuity of historic properties united historically or aesthetically by plan or physical development:

District Details:	
Name	Name of the historic district.
Alternate Name	Alternate name(s) for the historic district.
Status	Overall designation status and corresponding status date for the historic district. Status reflects the highest level of designation, but multiple designations may apply. The status date indicates the earliest date at which a district achieved a particular status. Status categories for historic districts include: • **NHL:** Designated as a National Historic Landmark by the National Park Service. • **Listed:** Included on the New Jersey and/or National Registers of Historic Places. • **Eligible:** Formally determined to meet the National Register Criteria for Evaluation and is eligible for listing on the National Register. Types of eligibility determinations include DOE, SHPO Opinion, and COE (see **Designation Dates** below). • **Locally Designated:** Formally designated as an historic district by a municipality in accordance with the Municipal Land Use Law. • **Identified:** Documented and evaluated through formal or informal cultural resources survey or data collection. • **Not Eligible:** Formally determined to not meet the National Register Criteria for Evaluation and no longer be eligible for inclusion in the National Register. • **Delisted:** Formally de-listed and removed from the NJ and/or National Registers of Historic Places.
Demolished	Indicates whether the district has been demolished (Yes / No / Unknown). Although we make every attempt to keep this status up to date, there may well be districts indicated as extant for which we are unaware that demolition has occurred.
Designation Dates:	
A date value in these fields represents the date the resource achieved various types of historic designation as follows:	
National Historic Landmark	Indicates designation by the National Park Service that a resource has national significance. Designated NHLs are automatically listed in the National Register.
National Register	Indicates inclusion on the National Register of Historic Places by the National Park Service.
New Jersey Register	Indicates inclusion on the New Jersey Register of Historic Places by the New Jersey Department of Environmental Protection.
Determination of Eligibility (DOE)	Indicates a formal determination by the National Park Service that a resource meets the National Register Criteria for Evaluation and is eligible for listing on the National Register.

SHPO Opinion	Indicates a formal opinion by the State Historic Preservation Officer that a resource meets the National Register Criteria for Evaluation and is eligible for listing on the National Register. SHPO Opinions are issued in response to a federally funded, licensed, or authorized activity that may have an effect on historic properties not included on the National Register.
Certification of Eligibility (COE)	Indicates a formal opinion by the State Historic Preservation Officer that a resource meets the National Register Criteria for Evaluation and is eligible for listing on the New Jersey and National Registers. A COE satisfies prerequisites to apply for funds from the New Jersey Historic Trust and/or several county preservation funding programs for resources not already listed on the New Jersey Register of Historic Places.
Local Designation	Indicates a formal designation of an historic district by a municipality in accordance with the Municipal Land Use Law.

ID Numbers:	
Identification numbers used to track information about historic resources in various inventory systems are recorded here:	
NRIS ID:	National Register Information System identification number assigned by the National Park Service for NHL's and Listed resources.
HPO Inventory ID	Inventory listings database identification number.
NJEMS ID:	NJ Environmental Management System (NJEMS) identification number(s) for the resource. (Note that identification numbers preceded by "99", "88" or "77" are placeholders until these records are entered into NJEMS.).
HSI Number:	Historic Sites Inventory number used in early planning surveys.

Significance:	
When evaluated and recorded, the National Register Criteria and Criteria Considerations are listed here along with the Period of Significance.	
NR Criteria:	Applicable criteria codes (A B C and/or D)
NR Criteria Considerations	Applicable criteria consideration codes (A – G)
Period of Significance:	Beginning and ending years of a district's significance. NR Bulletin 16A defines the period of significance as, "*the length of time when a property was associated with important events, activities, or persons, or attained the characteristics which qualify it for National Register listing.*"
For details about the registration criteria, see National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation (NPS Website).	

Multiple/Thematic:	
Indicates resources included as part a multiple/thematic National Register listing format.	
Format	The applicable multiple/thematic type. Types of multiple/thematic listings include: • **Multiple Property Documentation Form (MPDF):** A Multiple Property Documentation Form is the core of a Multiple Property Submission (MPS), the format currently used to register groups of properties that are related by historical association or theme but are not contiguous and need not be nominated all at the same time. The MPDF contains the historic contexts and the background historical, geographical, and architectural information about

	the group of properties being nominated and is accompanied by one or more Registration Forms that describe specific properties. Together, the MPDF and its associated Registration Forms comprise a Multiple Property Submission. In 1986, this format replaced the previously used Thematic Nomination and Multiple Resource Area (TRA/MRA) formats. • **Multiple Resource Area (MRA):** Multiple Resource Area refers to a format used in the 1980s to register groups of properties related by historical association or theme. This format was replaced by the MPS in 1986. • **Thematic Nomination (TRA):** Thematic Nominations were prepared for groups of properties all related under a common theme or a single property type. This format was replaced by the MPS in 1986.
Name	Name of the multiple/thematic nomination listing document.

Recent Survey:	
Details about the most recent cultural resources survey report that documents the resource. Additional prior documentation will be listed below at **Survey Reports**, if applicable. (Note that work is ongoing to capture this data from cultural resource reports in HPO's collections.)	
Survey Name	Title of the survey report as cataloged in HPO's collections.
Shelf Code	Accessioning code for the cultural resource report as cataloged in HPO's collection. Shelf codes consist of the following elements: • **County Code:** County in which the survey occurred. "MULT" is used for surveys in multiple counties. • **Agency Code:** Sponsoring agency for the survey. The current list of agency codes is available here [link to agency code list... if it exists] • **Accession Number:** Sequential number of the accessioned report for a given agency code. • **Series Suffix:** Alphabetic suffix for subsequent related survey reports • **Volume Number:** Numeric volume number for multi-volume survey reports.
Date	Survey report date. Where only month and year are used, date is coded to the first day of the month.
Evaluation	Survey recommendations regarding the historic resource.
HPO Report ID	Survey report catalog database identification number.
NJEMS ID	NJ Environmental Management System (NJEMS) identification number(s) for the survey report.

Notes:	
General notes about the historic district.	

GIS Data:	
Details about the source and quality of the delineation of the resource in the CRGIS database:	
Date	The creation date for the GIS feature.
Source	Primary source/method for delineation of the GIS feature.
Location	Confidence level for locational accuracy (High/Medium/Low).
Boundary	Confidence level for boundary accuracy (High/Medium/Low).
GIS Notes	Notes about particular delineation issues or methods used in creating the GIS feature.

Survey Reports:
Resources are often documented in multiple cultural resource survey reports. This section lists related reports by year with basic bibliographic details. Additional details and links to digitized documents are available by expanding the RELATED TABLES link at the bottom of the pop-up window. *Note that work is ongoing to capture this data from cultural resource reports in HPO's collections.*

District Typology:
Data about resource types, architectural styles and forms, associated organizations or individuals, areas of significance, and other details are being added to a related dataset for resources in the GIS database. This section lists these related typology entries when available. *Note that as of 2023, HPO has just begun the process of collecting this data, so results may be limited as we continue developing this dataset.*

2. Historic Properties

Historic Properties are resources (buildings, structures, objects, or sites) evaluated individually or that form the individual components of an historic district.

Property Details:	
Name	Name of the historic property.
Alternate Name	Alternate name(s) for the historic property.
Address	Street address (or location description) for the historic property.
Status	Overall designation status and corresponding status date for the historic property. Status reflects the highest level of designation, but multiple designations may apply. • **INDV:** Indicates a property with individual designation(s) as reflected in Designation Dates below. • **HD:** Indicates a property designated as part of an historic district. All properties within a historic district that have no higher individual status, have the general status and designation date of the district as a whole, regardless of how they individually relate to the district. A property's relationship to the historic district is coded in the **HD Status** attribute along with other District information below. Status categories for historic properties include: • **NHL:** Designated as a National Historic Landmark by the National Park Service. • **Listed:** Included on the New Jersey and/or National Registers of Historic Places. • **Eligible:** Formally determined to meet the National Register Criteria for Evaluation and is eligible for listing on the National Register. Types of eligibility determinations include DOE, SHPO Opinion, and COE (see **Designation Dates** below). • **Local Landmark:** Formally designated as an historic landmark by a municipality in accordance with the Municipal Land Use Law. • **Identified:** Documented and evaluated through formal or informal cultural resources survey or data collection. • **Not Eligible:** Formally determined to not meet the National Register Criteria for Evaluation and no longer be eligible for inclusion in the National Register. • **Delisted:** Formally de-listed and removed from the NJ and/or National Registers of Historic Places.
Demolished	Indicates whether the property has been demolished (Yes / No / Unknown). Although we make every attempt to keep this status up to date, there may well be districts indicated as extant for which we are unaware that demolition has occurred.
Individual Designation Dates:	
A date value in these fields represents the date the resource achieved various types of historic designation as follows:	
National Historic Landmark	Indicates designation by the National Park Service that a resource has national significance. Designated NHLs are automatically listed in the National Register.
National Register	Indicates inclusion on the National Register of Historic Places by the National Park Service.

New Jersey Register	Indicates inclusion on the New Jersey Register of Historic Places by the New Jersey Department of Environmental Protection.
Determination of Eligibility (DOE)	Indicates a formal determination by the National Park Service that a resource meets the National Register Criteria for Evaluation and is eligible for listing on the National Register.
SHPO Opinion	Indicates a formal opinion by the State Historic Preservation Officer that a resource meets the National Register Criteria for Evaluation and is eligible for listing on the National Register. SHPO Opinions are issued in response to a federally funded, licensed, or authorized activity that may have an effect on historic properties not included on the National Register.
Certification of Eligibility (COE)	Indicates a formal opinion by the State Historic Preservation Officer that a resource meets the National Register Criteria for Evaluation and is eligible for listing on the New Jersey and National Registers. A COE satisfies prerequisites to apply for funds from the New Jersey Historic Trust and/or several county preservation funding programs for resources not already listed on the New Jersey Register of Historic Places.
Local Designation	Indicates a formal designation of an historic landmark by a municipality in accordance with the Municipal Land Use Law.

Historic District:	
Details about the historic district in which an individual property is located:	
HD Name	Name of the historic district
HD Status:	Relationship of the individual property to the historic district: • **Key Contributing:** Individually meets the National Register Criteria and relates to the significance and integrity of the district. • **Contributing:** Relates to the significance and integrity of the district. • **Non-Contributing:** Unrelated to the significance and integrity of the district. • **Not Assessed/Unknown:** Status relative to the district is un-documented.
HD Property Number	If assigned, inventory number of the individual property within the historic district. *Note: "999" is often used as a placeholder absent a full district inventory*
HD HPO Inventory ID	Inventory listings database identification number for the historic district.
HD NJEMS ID:	NJ Environmental Management System identification number for the historic district.
Multiple HDs:	Indicates the property is contained by two or more overlapping historic districts.

ID Numbers:	
Identification numbers used to track information about historic resources in various inventory systems are recorded here:	
NRIS ID:	National Register Information System identification number assigned by the National Park Service for NHL's and Listed resources.
HPO Inventory ID	Inventory listings database identification number.
NJEMS ID:	NJ Environmental Management System (NJEMS) identification number(s) for the resource. (Note that identification numbers preceded by "99", "88" or "77" are placeholders until these records are entered into NJEMS.).
HSI Number:	Historic Sites Inventory number used in early planning surveys.

Significance:	
When evaluated and recorded, the National Register Criteria and Criteria Considerations are listed here along with the Period of Significance.	
NR Criteria	Applicable criteria codes (A B C and/or D)
NR Criteria Considerations	Applicable criteria consideration codes (A – G)
Period of Significance	Beginning and ending years of a property's significance. NR Bulletin 16A defines the period of significance as, "*the length of time when a property was associated with important events, activities, or persons, or attained the characteristics which qualify it for National Register listing.*"
For details about the registration criteria, see National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation (NPS Website).	

Multiple/Thematic:	
Indicates resources included as part a multiple/thematic National Register listing format.	
Format	Type of multiple/thematic listings, which include: **Multiple Property Documentation Form (MPDF):** A Multiple Property Documentation Form is the core of a Multiple Property Submission (MPS), the format currently used to register groups of properties that are related by historical association or theme but are not contiguous and need not be nominated all at the same time. The MPDF contains the historic contexts and the background historical, geographical, and architectural information about the group of properties being nominated and is accompanied by one or more Registration Forms that describe specific properties. Together, the MPDF and its associated Registration Forms comprise a Multiple Property Submission. In 1986, this format replaced the previously used Thematic Nomination and Multiple Resource Area (TRA/MRA) formats. **Multiple Resource Area (MRA):** Multiple Resource Area refers to a format used in the 1980s to register groups of properties related by historical association or theme. This format was replaced by the MPS in 1986. **Thematic Nomination (TRA):** Thematic Nominations were prepared for groups of properties all related under a common theme or a single property type. This format was replaced by the MPS in 1986.
Name	Name of the multiple/thematic nomination listing document.

Recent Survey:	
Details about the most recent cultural resources survey report that documents the resource. Additional prior documentation will be listed below at **Survey Reports**, if applicable.	
Note that work is ongoing to capture this data from cultural resource reports in HPO's collections.	
Survey Name	Title of the survey report as cataloged in HPO's collections.
Shelf Code	Accessioning code for the cultural resource report as cataloged in HPO's collection. Shelf codes consist of the following elements: **County Code:** County in which the survey occurred. "MULT" is used for surveys in multiple counties. **Agency Code:** Sponsoring agency for the survey. The current list of agency codes is available here [link to agency code list... if it exists]

	• **Accession Number:** Sequential number of the accessioned report for a given agency code. • **Series Suffix:** Alphabetic suffix for subsequent related survey reports • **Volume Number:** Numeric volume number for multi-volume survey reports.
Date	Survey report date. Where only month and year are used, date is coded to the first day of the month.
Evaluation	Survey recommendations regarding the historic resource.
HPO Report ID	Survey report catalog database identification number.
NJEMS ID	NJ Environmental Management System (NJEMS) identification number(s) for the survey report.

Notes:
General notes about the historic property.

GIS Data:	
Details about the source and quality of the delineation of the resource in the CRGIS database:	
Date	The creation date for the GIS feature.
Source	Primary source/method for delineation of the GIS feature.
Location	Confidence level for locational accuracy (High/Medium/Low).
Boundary	Confidence level for boundary accuracy (High/Medium/Low).
GIS Notes	Notes about specific delineation issues or methods used in creating the GIS feature.

Survey Reports:
Resources are often documented in multiple cultural resource survey reports. This section lists related reports by year with basic bibliographic details. Additional details and links to digitized documents are available by expanding the RELATED TABLES link at the bottom of the pop-up window.   *Note that work is ongoing to capture this data from cultural resource reports in HPO's collections.*

Property Typology:
Data about resource types, architectural styles and forms, associated organizations or individuals, areas of significance, and other details are being added to a related dataset for resources in the GIS database. This section lists these related typology entries when available.   *Note that as of 2023, HPO has just begun the process of collecting this data, so results may be limited as we continue developing this dataset.*

3. Historic Property Features

Historic Properties Features are the discreet buildings, structures, objects, or sites that make up an historic property. All historic properties have at least one feature with the following attributes:

Feature Details:	
Feature Number	Inventory number of the feature within the historic property.
Feature Name	Name of the historic property feature.
Feature Status	Relationship of the feature to the historic property: • **Contributing:** Relates to the significance and integrity of the property. • **Non-Contributing:** Unrelated to the significance and integrity of the property. • **Not Assessed/Unknown:** Status relative to the property is un-documented.
Feature Type	Classification of the feature as one of the four categories established by the National Register and defined in National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation: • **Building:** A building, such as a house, barn, church, hotel, or similar construction, is created principally to shelter any form of human activity. • **Structure:** The term "structure" is used to distinguish from buildings those functional constructions made usually for purposes other than creating human shelter. • **Object:** The term "object" is used to distinguish from buildings and structures those constructions that are primarily artistic in nature or are relatively small in scale and simply constructed. • **Site:** A site is the location of a significant event, a prehistoric or historic occupation or activity, or a building or structure, whether standing, ruined, or vanished, where the location itself possesses historic, cultural, or archeological value regardless of the value of any existing structure.
NJEMS ID	NJ Environmental Management System (NJEMS) subject-item identification number for the feature. *Note that identification numbers preceded by "77" are placeholders until these records are entered into NJEMS.* :
Demolished	Indicates whether features have been demolished (Yes / No / Unknown). Although we make every attempt to keep this status up to date, there may well be features indicated as extant for which we are unaware that demolition has occurred.
Historic Property:	
Details of the historic property in which the property feature is located.	
Name	Name of the historic property.
Address	Street address (or location description) for the historic property.
Status	Overall designation status and corresponding status date for the historic property. Status reflects the highest level of designation, but multiple designations may apply. • **INDV:** Indicates a property with individual designation(s) as reflected in Designation Dates below. • **HD:** Indicates a property designated as part of an historic district.
HPO Inventory ID	Inventory listings database identification number.

NJEMS ID	NJ Environmental Management System (NJEMS) identification number(s) for the property. *Note that identification numbers preceded by "99" are placeholders until these records are entered into NJEMS.*
Notes:	
General notes about the historic property feature.	
GIS Data:	
Details about the source and quality of the delineation of the resource in the CRGIS database:	
Date	The creation date for the GIS feature.
Source	Primary source/method for delineation of the GIS feature.
Location	Confidence level for locational accuracy (High/Medium/Low).
GIS Notes	Notes about specific delineation issues or methods used in creating the GIS feature.
Feature Typology:	
Data about resource types, architectural styles and forms, associated organizations or individuals, areas of significance, and other details are being added to a related dataset for resources in the GIS database. This section lists these related typology entries when available. *Note that as of 2023, HPO has just begun the process of collecting this data, so results may be limited as we continue developing this dataset.*	

4. Archaeological Site Grid

Archaeological Sites are locations of prehistoric or historic occupation or activity possessing archaeological value. These grid cells indicate the presence of Archaeological Districts or Sites and are symbolized to indicate the highest designation status of one or more sites within the cell.

Site Grid Details:	
Grid Cell:	Grid cell identification code.
Site Status:	Highest designation status of one or more sites within the cell: • **NHL:** Designated as a National Historic Landmark by the National Park Service. • **Listed:** Included on the New Jersey and/or National Registers of Historic Places. • **Eligible:** Formally determined to meet the National Register Criteria for Evaluation and is eligible for listing on the National Register. • **Locally Designated:** Formally designated as a local historic district or landmark by a municipality in accordance with the Municipal Land Use Law. • **Identified:** Documented and evaluated through formal or informal cultural resources survey or data collection. • **Not Eligible:** Formally determined to not meet the National Register Criteria for Evaluation and no longer be eligible for inclusion in the National Register. • **Delisted:** Formally de-listed and removed from the NJ and/or National Registers of Historic Places.

5. Related Tables

In addition to the attributes associated with each GIS layer, HPO has set up related data tables for Survey Reports and Resource Typologies that enable a 1-to-Many relationship between the core GIS layer and the related tables.

a. Survey Reports

This related table lists all reports that document the resource as cataloged in HPO's collections and provides links to the scanned document where available and appropriate for public distribution.

Note that HPO is still in the process of digitizing these reports, so documentation may exist which has not yet been recorded in this table.

Survey Report Details:	
Shelf Code	Accessioning code for the cultural resource report as cataloged in HPO's collection. Shelf codes consist of the following elements: • **County Code:** County in which the survey occurred. "MULT" is used for surveys in multiple counties. • **Agency Code:** Sponsoring agency for the survey. The current list of agency codes is available here [link to agency code list... if it exists] • **Accession Number:** Sequential number of the accessioned report for a given agency code. • **Series Suffix:** Alphabetic suffix for subsequent related survey reports • **Volume Number:** Numeric volume number for multi-volume survey reports.
Survey Name, Preparer, Year	Concatenated field with the title of the survey report as cataloged in HPO's collections, the survey preparer name, and the year of publication.
Survey Type	Survey type for the cultural resource report as cataloged in HPO's collection. Survey types include the following: • Archaeology Phase I • Archaeology Phase II • Archaeology Phase III • Archaeology Collection/Non-Field • Archaeology Construction Monitoring • Geomorphological Report • Architecture Reconnaissance • Architecture Intensive • Design Guidelines • Preservation/Management Plan • Historic Structure Report • Historic Landscape Report • Alternatives Analysis • Mitigation Documentation • Combined Report • Other • Unknown
Date	Survey report date. Where only month and year are used, date is coded to the first day of the month.
Evaluation	Survey recommendations regarding the historic resource.

Notes	General notes about the survey report as it applies to this resource.
HPO Report ID	Survey report catalog database identification number.
NJEMS ID	NJ Environmental Management System (NJEMS) identification number(s) for the survey report.

b. Resource Typologies

This table lists related typology entries about resource types, architectural styles and forms, associated organizations or individuals, areas of significance, and other details. The master list of categories and terms is intentionally open-ended and will grow as new concepts and resource types are added to the inventory.

Note that as of 2023, HPO has just begun the process of collecting this data, so results may be limited as we continue developing this dataset.

Resource Typology Details:	
Category	Category of typology entry. Categories include: • Architectural Form • Architectural Style • Bridge Type • Ethno-Cultural Heritage • Historic Context • Historic Event • Historic Period • Material • Organization • Person - Architect • Person - Builder • Person - Engineer • Person - General • Property Type
Description	Descriptive term within the applicable category. The complete list of categories and terms is available on HPO's Website and will be updated as new information is added.
Notes	General notes about the typology or association as it applies to this resource.

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