



**New Jersey Department of Environmental Protection  
Hurricane Sandy  
Community Development Block Grant  
Form – 2 : Assessment of Effects (Version 1.0)**



HPO USE ONLY

<b>Application ID #</b>	ACHUD7		
<b>Applicant Name:</b>	Traffic Signal Upgrades		
<b>Street Address:</b>	28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods.		
<b>Municipality:</b>	Atlantic City	<b>County:</b>	Atlantic
<b>PAMS PIN:</b>	0102_Multiple_Multiple		
<b>Latitude:</b>	Multiple	<b>Longitude:</b>	Multiple

<b>Undertaking:</b>	<input type="checkbox"/> Rehabilitation:	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Both	<input type="checkbox"/> Elevation
	<input type="checkbox"/> Reconstruction:	<input checked="" type="checkbox"/> Within Existing Footprint, plus 2 feet		<input type="checkbox"/> Outside Existing Footprint	

<b>Property Description:</b>	The proposed project includes the replacement of traffic signals/poles and or replacement and elevation of traffic signal control cabinets at 28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods, after damage sustained from Superstorm Sandy. A list of intersections can be found on page three of this form.
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<b>Current Property Status</b>	
National Historic Landmark?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
National Register of Historic Places Listed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within a National Register of Historic Places Historic District?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<input type="checkbox"/> Contributing <input type="checkbox"/> Non-Contributing
Does the property have a SHPO Opinion or COE?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within a Known Archaeological Site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within an Area of High Archaeological Sensitivity?	<input type="checkbox"/> Area of Previous Historic Occupation <input checked="" type="checkbox"/> Property Located within HPO's Archaeological Site Sensitivity Grid <input type="checkbox"/> Area Located on Well-Drained Soils located within 500 feet of waterways, wetland complexes, or relict glacial features.

<b>Preliminary Property Evaluation</b>	
<input type="checkbox"/> Further Survey Necessary:	<input type="checkbox"/> Archaeological <input type="checkbox"/> Historic Architecture
<input checked="" type="checkbox"/> No Further Survey Necessary	
<input type="checkbox"/> Recommend Eligible:	<input type="checkbox"/> Individual <input type="checkbox"/> Contributing to:
	Criteria: [Check All That Apply] <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
<b>Reasoning:</b>	
<input type="checkbox"/> Recommend Ineligible:	<input type="checkbox"/> Lacks Integrity of Materials/Design <input type="checkbox"/> Not 48 Years of Age <input type="checkbox"/> Not Within / In View of a National Register of Historic Places Listed / Eligible Historic District <input type="checkbox"/> Not a Building (per FEMA Definition) <input type="checkbox"/> Other – Lacks Distinctive Characteristics That Make It Individually Eligible for Listing on NRHP

Architecture Reviewer	CR Staff, ICF	Archaeology Reviewer	Lauran Switzer, ICF
Date Reviewed	4/3/2020		

Required Documentation:  Historic Properties Map  Soils Map  USGS Quad  Property Photos



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<b>Property Address:</b>	28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods.

<b>Assessment of Effects</b>	<input type="checkbox"/> No Historic Properties Adversely Affected
	<input checked="" type="checkbox"/> No Historic Properties Adversely Affected, provided the following conditions are met: The proposed work is not located in an identified, NRHP-eligible or NRHP-listed historic district, is not a building (per FEMA definition) and lacks distinctive characteristics that make it individually eligible for listing on NRHP. In addition, the proposed work is located in an urbanized area on a barrier island. Since the project involves replacing traffic signals and replacing/elevating traffic signal control cabinets, the work will substantially conform to the original footprint within pre-disturbed soils, the area has a low potential for containing significant archaeological sites. Based on the list of proposed intersections in which work will be conducted, there are two intersections located within an Archaeological Site Sensitivity Grid. The intersections “New Hampshire Ave. & Grammercy Ave.” and “New Hampshire Ave. & Atlantic Ave.” are located within the archaeological grid DQ273, it is unknown if any archaeological sites are within these locations.  Thusly, this assessment concludes that the proposed project will result in <b>No Historic Properties Affected provided the project avoids archaeological sites.</b>
	<input type="checkbox"/> Adverse Effect

<b>National Historic Landmark Consultation Process [If Applicable]</b>	
Undertaking Located Within NHL :	<input type="checkbox"/> National Park Service
Applying Allowances As Defined in Programmatic Agreement:	<input type="checkbox"/> National Park Service <input type="checkbox"/> State Historic Preservation Office
	Tier I: _____
	Tier II: _____
Adverse Effect:	<input type="checkbox"/> National Park Service <input type="checkbox"/> State Historic Preservation Office <input type="checkbox"/> Advisory Council on Historic Preservation

<b>Resolution of Adverse Effects</b>	<input type="checkbox"/> Abbreviated Consultation Process	Treatment Measure:	
	<input type="checkbox"/> Memorandum of Agreement		
	<input type="checkbox"/> Programmatic Agreement		

<b>Public Consultation</b>	
	Federally Recognized Tribes, Certified Local Governments, Historic Preservation Commissions, etc: None. Provided the proposed project avoids any known archaeological sites, further consultation is not required.

<b>HISTORIC PRESERVATION OFFICE USE ONLY</b>			
<input type="checkbox"/> I concur with this finding,			
<input type="checkbox"/> I do not concur with this finding for the following reason(s):			
Daniel D. Saunders Deputy State Historic Preservation Officer			Date
Architecture Reviewer	CR Staff, ICF	Archaeology Reviewer	Lauran Switzer, ICF
Date Reviewed	4/3/2020		



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**Project Description:**

The proposed project includes the replacement of traffic signals at 28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods, after damage sustained from Superstorm Sandy. The project will replace the traffic light and pole, as well as the control box.

Once funding is secured, the project is anticipated to take one (1) year to complete.

Approximately \$2,000,000 is estimated for the project. \$1.5 million will be used for the upgrades, \$300,000 for construction contingencies, and \$200,000 for professional services.

**Traffic Signals Control Cabinets That Need to Be Replaced and Elevated:**

- North Carolina & Arctic
- Delaware & Arctic
- New Jersey & Arctic
- Massachusetts & Grammercy
- Rhode Island & Grammercy
- Vermont & Grammercy
- New Hampshire & Grammercy
- New Hampshire & Madison
- Vermont & Madison
- Rhode Island & Madison
- Massachusetts & Madison
- New Jersey & Baltic
- Delaware & Baltic
- North Carolina & Baltic
- Texas & Baltic
- California & Fairmount
- Iowa & Fairmount
- New Hampshire & Mediterranean
- New Hampshire & Caspian
- New Hampshire & Atlantic
- Connecticut & Melrose
- New Jersey & Oriental
- Connecticut & Madison
- Rhode Island & Atlantic
- Connecticut & Oriental
- Virginia & Baltic
- Delaware & Atlantic
- Virginia & Med
- Connecticut Ave (11)
- Madison/Baltic/Fairmount (9)
- Arctic Avenue (10)

**Historic Districts.** As shown in the Historic Properties Maps within Form 3, there are seven national register eligible/identified cultural resources located in Atlantic City (Camden and Atlantic Railroad Historic District, South Maine Avenue Streetscape, Atlantic City Beautiful Historic District, Ann Dover Gardens, Ventnor Avenue Residential Historic District, Atlantic City Boardwalk Historic District and Northside Institutional Historic District). After review of the intersections listed above against the Historic Districts of New Jersey Map we have confirmed that the proposed work at the listed intersections would not occur within national register eligible/identified cultural resource.

Architecture Reviewer	CR Staff, ICF	Archaeology Reviewer	Lauran Switzer, ICF
Date Reviewed	4/3/2020		

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**Assessment of Affects:**

The proposed work is not located in an identified, NRHP-eligible or NRHP-listed historic district, is not a building (per FEMA definition) and lacks distinctive characteristics that make it individually eligible for listing on NRHP. In addition, the proposed work is located in an urbanized area on a barrier island. Since the project involves replacing traffic signals and replacing and elevating traffic signal control cabinets, the work will substantially conform to the original footprint within pre-disturbed soils the area has a low potential for containing significant archaeological sites.

Thusly, this assessment concludes that the proposed project will result in **No Historic Properties Affected** provided the project avoids archaeological sites.

**Sources:**

NJ-GeoWeb. New Jersey Department of Environmental Protection. Website:  
<https://njwebmap.state.nj.us/NJGeoWeb/WebPages/Map/FundyViewer.aspx#>. Accessed: 4/3/2020.

NJGIN Open Data. Website: [https://njgis-newjersey.opendata.arcgis.com/datasets/7b83f7b8348d473bb6c610a8ef57808d\\_57/data?geometry=-74.467%2C39.344%2C-74.141%2C39.390](https://njgis-newjersey.opendata.arcgis.com/datasets/7b83f7b8348d473bb6c610a8ef57808d_57/data?geometry=-74.467%2C39.344%2C-74.141%2C39.390). Accessed: 4/3/2020.

U.S. Department of Interior. U.S. Geological Survey (USGS) Atlantic City Quadrangle. New Jersey 7.5 Minute Series. Website:  
<https://viewer.nationalmap.gov/basic/?basemap=b1&category=histtopo,ustopo&title=Map%20View#productSearch> . Accessed: 4/3/2020.

USDA Natural Resources Conservation Service. Web Soil Survey National Cooperative Soil Survey. Website:  
[https://websoilsurvey.sc.egov.usda.gov/WssProduct/e0xalq1nbirotkwuuirxdfn/e0xalq1nbirotkwuuirxdfn/20200402\\_1523070330127\\_Soil\\_Map.pdf](https://websoilsurvey.sc.egov.usda.gov/WssProduct/e0xalq1nbirotkwuuirxdfn/e0xalq1nbirotkwuuirxdfn/20200402_1523070330127_Soil_Map.pdf) . Accessed: 4/3/2020.

Architecture Reviewer	CR Staff, ICF	Archaeology Reviewer	Lauran Switzer, ICF
Date Reviewed	4/3/2020		

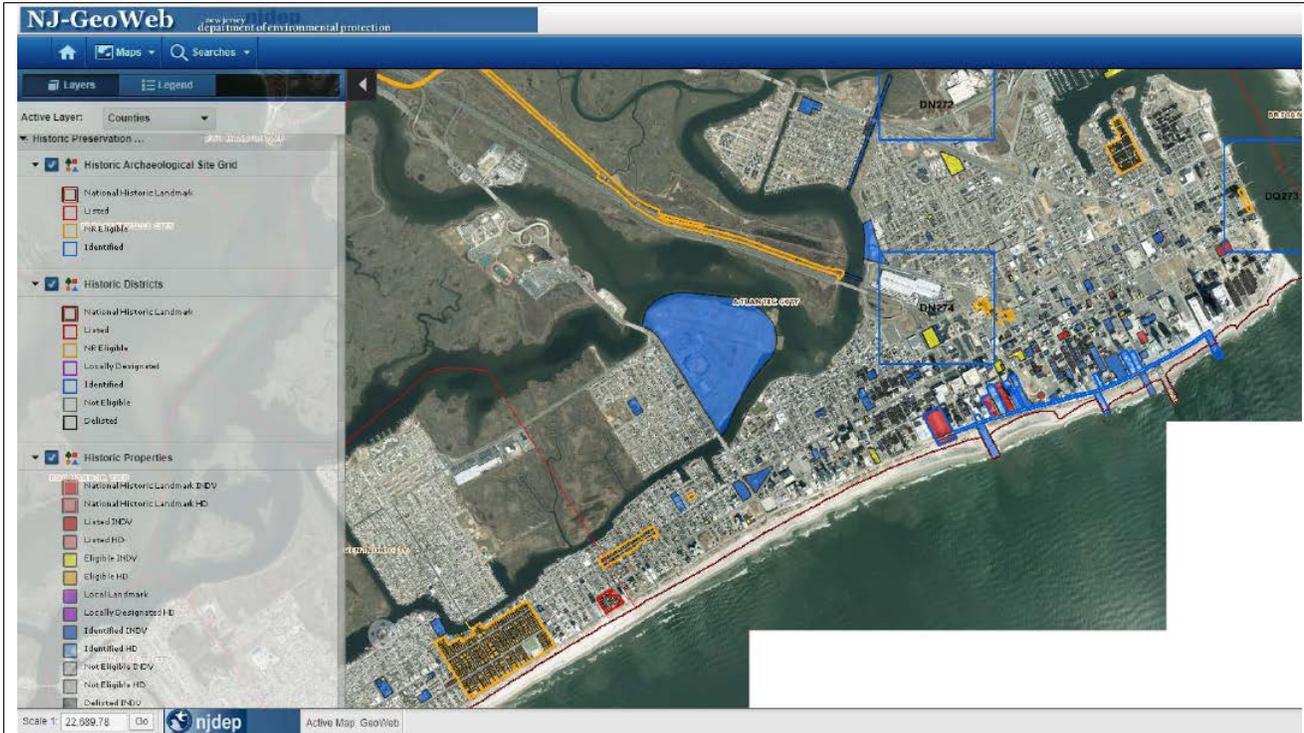
Required Documentation:  Historic Properties Map  Soils Map  USGS Quad  Property Photos



New Jersey Department of Environmental Protection  
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Form – 3 (Version 1.0)



Applicant ID #	ACHUD7
Property Address:	28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods



Source: NJ-GeoWeb. New Jersey Department of Environmental Protection. Website:  
<https://njwebmap.state.nj.us/NJGeoWeb/WebPages/Map/FundyViewer.aspx#>. Accessed: 4/3/2020.

Historic Properties Map



**New Jersey Department of Environmental Protection  
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Form – 3 (Version 1.0)**



<b>Applicant ID #</b>	ACHUD7
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### Historic Districts of New Jersey

Last updated 18 hours ago | 1,582 Records

Overview | Data | API Explorer

4/2/2020 | Feature Layer | Custom License | Download | APIs

Showing 1 to 6 of 6 Hint: Filter columns using ▼

▼ NJEMS Project ID	▼ Cultural Resource Name	▼ Alternate Cultural Resource Name	▼ Designation Status	▼ Designation Status Update	▼ Demolis
12301176	Camden and Atlantic Railroad Histo...		NR Eligible	10/25/2012, 12:00 AM	No
12301227	South Maine Avenue Streetscape		NR Eligible	6/30/1993, 12:00 AM	Yes
	Ann Dover Gardens		NR Eligible	10/27/2014, 12:00 AM	No
	Ventnor Avenue Residential Histori...		NR Eligible	1/28/2015, 12:00 AM	No
	Atlantic City Boardwalk Historic Di...		Identified	1/1/1979, 12:00 AM	No
	Northside Institutional Historic Dis...		Listed	10/24/2019, 12:00 AM	No

**Source:** NJGIN Open Data. Website: [https://njgis-newjersey.opendata.arcgis.com/datasets/7b83f7b8348d473bb6c610a8ef57808d\\_57/data?geometry=-74.467%2C39.344%2C-74.141%2C39.390](https://njgis-newjersey.opendata.arcgis.com/datasets/7b83f7b8348d473bb6c610a8ef57808d_57/data?geometry=-74.467%2C39.344%2C-74.141%2C39.390). Accessed: 4/3/2020.



**New Jersey Department of Environmental Protection  
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Form – 3 (Version 1.0)**



**Historic Districts of New Jersey**

Last updated 18 hours ago | 1,582 Records



4/2/2020 Feature Layer Custom License

Download APIS

Showing 1 to 4 of 4

Hint: Filter columns using

NJEMS Project ID	Cultural Resource Name	Alternate Cultural Resource Name	Designation Status	Designation Status Update	Demolis
12301176	Camden and Atlantic Railroad Histo...		NR Eligible	10/25/2012, 12:00 AM	No
12301227	South Maine Avenue Streetscape		NR Eligible	6/30/1993, 12:00 AM	Yes
	Atlantic City Beautiful Historic Dist...		NR Eligible	10/27/2014, 12:00 AM	No

**Source:** NJGIN Open Data. Website: [https://njogis-newjersey.opendata.arcgis.com/datasets/7b83f7b8348d473bb6c610a8ef57808d\\_57/data?geometry=-74.467%2C39.344%2C-74.141%2C39.390](https://njogis-newjersey.opendata.arcgis.com/datasets/7b83f7b8348d473bb6c610a8ef57808d_57/data?geometry=-74.467%2C39.344%2C-74.141%2C39.390). Accessed: 4/3/2020.

**Historic Properties Map**



New Jersey Department of Environmental Protection  
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Form – 4 (Version 1.0)



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### Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BEADV	Beaches, 0 to 15 percent slopes, very frequently flooded	44.0	2.3%
HoruBr	Hooksan-Urban land complex, 0 to 10 percent slopes, rarely flooded	36.0	1.9%
PHG	Pits, sand and gravel	5.5	0.3%
PssA	Psamments, 0 to 2 percent slopes	416.6	21.4%
PstAt	Psammaquents, sulfidic substratum, 0 to 2 percent slopes, frequently flooded	1,266.4	65.2%
TrkAv	Transquaking mucky peat, 0 to 1 percent slopes, very frequently flooded	73.7	3.8%
UdrB	Udorthents, refuse substratum, 0 to 8 percent slopes	24.2	1.2%
WATER	Water	76.7	3.9%
<b>Totals for Area of Interest</b>		<b>1,943.2</b>	<b>100.0%</b>

**Source:** USDA Natural Resources Conservation Service. Web Soil Survey National Cooperative Soil Survey. Website: [https://websoilsurvey.sc.egov.usda.gov/WssProduct/e0xalq1nbirotkwuuirxdfn/e0xalq1nbirotkwuuirxdfn/20200402\\_15230703301\\_27\\_Soil\\_Map.pdf](https://websoilsurvey.sc.egov.usda.gov/WssProduct/e0xalq1nbirotkwuuirxdfn/e0xalq1nbirotkwuuirxdfn/20200402_15230703301_27_Soil_Map.pdf) . Accessed: 4/3/2020.

### Soils Map



# New Jersey Department of Environmental Protection

## Hurricane Sandy

### Community Development Block Grant

#### Form – 5 (Version 1.0)



<b>Applicant ID #</b>	ACHUD7
<b>Property Address:</b>	28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods



**Source:** U.S. Department of Interior. U.S. Geological Survey (USGS) Atlantic City Quadrangle. New Jersey 7.5 Minute Series. Website: <https://viewer.nationalmap.gov/basic/?basemap=b1&category=histtopo,ustopo&title=Map%20View#productSearch> . Accessed: 4/3/2020.

**USGS Quadrangle: Atlantic City**



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Form – 6 (Version 1.0)**



<b>Applicant ID #</b>	ACHUD7
<b>Property Address:</b>	28 intersections throughout Atlantic City (AC), mainly the Ducktown, Chelsea, and Inlet neighborhoods

<b>Date:</b>	February 18, 2020
<b>Direction:</b>	
<b>Description:</b>	An example of traffic signals in AC which will be replaced with signals with modern technology.



<b>Date:</b>	February 18, 2020
<b>Direction:</b>	
<b>Description:</b>	An example of traffic signals in AC which will be replaced with signals with modern technology.





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<b>Applicant ID #</b>	ACHUD7
<b>Property Address:</b>	28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods

<b>Date:</b>	February 18, 2020	
<b>Direction:</b>		
<b>Description:</b>	An example of traffic signals in AC which will be replaced with signals with modern technology.	

<b>Date:</b>	February 18, 2020	
<b>Direction:</b>		
<b>Description:</b>	An example of a traffic post in AC which will be replaced.	



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<b>Applicant ID #</b>	ACHUD7
<b>Property Address:</b>	28 intersections throughout Atlantic City, mainly the Ducktown, Chelsea, and Inlet neighborhoods

<b>Date:</b>	February 18, 2020	
<b>Direction:</b>		
<b>Description:</b>	An example of traffic signal control cabinet which will be replaced and elevated with a traffic signal control cabinet with modern technology.	

<b>Date:</b>	February 18, 2020	
<b>Direction:</b>		
<b>Description:</b>	An example of a traffic post in AC which will be replaced.	



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<b>Date:</b>	February 18, 2020	
<b>Direction:</b>		
<b>Description:</b>	An example of a traffic post in AC which will be replaced.	

<b>Date:</b>	February 18, 2020	
<b>Direction:</b>		
<b>Description:</b>	An example of traffic signal wiring in AC which will be replaced.	