

Appendix Vol I.39 Oceanport Borough

Please find below the following documents specific to this jurisdiction that have been included as part of the plan update process.

- Summary Sheet
- Mitigation Action Table
- Mitigation Action Worksheets
- Capability Assessment
- Flood Zone Map
- Sea Level Rise Vulnerability Map
- Meeting Material



NFIP Statistics

711 *Polices In-force*

956 *Total Losses*

\$61,316,665 *Total Payments*

58 *Number of RL Properties*

26 *Number Mitigated
RL Properties*

181 *RL - Total Losses*

\$11,995,243 *RL - Total Paid*

2 *Number of SRL Properties*

0 *Number Mitigated SRL
Properties*

10 *SRL - Total Losses*

\$299,089 *SRL - Total Paid*

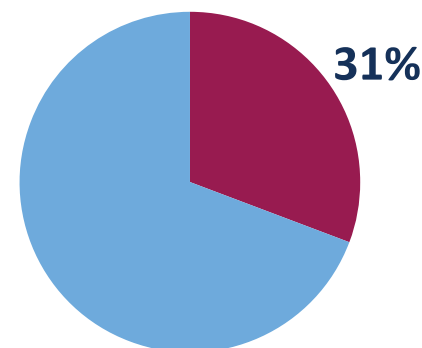


Critical Facilities

8 *Critical Facilities*

1 *Critical Infrastructure*

53 *Historic & Cultural Resources*



Percent Land Area Within SFHA

11

*Total Mitigation
Actions*

0



Education and Awareness Programs

10



Structure and Infrastructure Projects

0



Local Plans and Regulations

1



Natural Systems Protection



0 *SV Population At Risk (2017)*

1,771 *Population at Risk (2017)*

Oceanport, Borough of					Monmouth County HMP Mitigation Action Summary							
Community Action #	Action Name	Action Description	Action Category	Action Type	Hazard(s) Addressed	Priority	Ease of Implementation	Responsible Party	Potential Funding Sources	Cost Estimate	Timeline	Action Status
39_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Mitigate 188 structures that had been flooded or are in danger of being flooded, specifically RL/SRL properties.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	Medium	Council	FEMA HMA funding	\$49,000,000.00	1 year	Ongoing
39_02	Phase 1 of Borough Hall Relocation Project: Acquire Land for a New Building.	Borough Hall (consisting of staff offices, library, PD, Council Hall) is located in a flood hazard area and was wiped out by Superstorm Sandy. This project will be to construct a new borough hall/building on a site located outside of the floodplain, demolish the existing now-abandoned building, and return to open space.		Structure and Infrastructure Project	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Council	FEMA, Grants, bond, mitigation fund	\$1,000,000.00		Completed
39_03	Phase 2 of Borough Hall Relocation Project: Construct a New Building	Construct Borough Hall out of a flood zone. Five properties were considered by the Borough for relocation.		Structure and Infrastructure Project	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge			Council	FEMA funding, Grants, bond, mitigation funds	\$12,000,000.00		Completed
39_04	Purchase and Instill Emergency Generators for Critical Facilities	Two emergency generators at both schools in Borough used to supported emergency operations during severe weather events.	Maintenance/Response/Recovery	Structure and Infrastructure Project	All Hazards	Low	Low	Council, BOE, and Engineering	FEMA funding	\$450,000.00	1 year	Ongoing
39_05	Examine Existing Stormwater Drainage System (Phase 1 of 2)	Examination of present system to determine improvements needed. Video and actual physical examination of system to seek out problems and needed improvements.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Engineering	FEMA HMA, municipal budget	\$150,000.00	1 year	Ongoing
39_06	Implement Improvements to Stormwater Drainage System (Phase 2 of 2)	Repairs and improvements to storm drain system to include backflow preventers on 44 outfalls.	Maintenance/Response/Recovery	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Medium	Engineering	FEMA HMA, municipal budget, State transportation fund	\$950,000.00	1 year	Ongoing
39_07	Protect and Restore Turtle Mill Brook	Remove Snagging and Debris from the floodway of Turtle Mill Brook.	Maintenance/Response/Recovery	Natural Systems Protection	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Medium	Low	Engineering	Municipal budget	\$1,000,000.00	1 year	Ongoing
39_08	Elevate and Improve Flood-prone Roadways	Elevation of roadways, and grading and curbing of flood-prone streets.	Mitigation - Continuity of Fuctional Use	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	Low	Medium	Engineering	FEMA HMA, State transportation fund, county budget, municipal budget	\$3,000,000.00	5 + years	Ongoing

Oceanport, Borough of

Monmouth County HMP Mitigation Action Summary

Community Action #	Action Name	Action Description	Action Category	Action Type	Hazard(s) Addressed	Priority	Ease of Implementation	Responsible Party	Potential Funding Sources	Cost Estimate	Timeline	Action Status
39_09	Coordinate with Army Corp on Installing a Moveable Flood Gate	The mouth of the Shrewsbury River needs a physical barrier with a movable flood gate to prevent water from coming into the Bay.	Mitigation - Risk Reduction	Structure and Infrastructure Project	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge	High	High	Army Corp of Engineers	Army Corp of Engineers	\$500,000,000.00	5 + years	Ongoing
39_10	Create Easier Access to the Emergency Watercraft Launch	Improved access to Shrewsbury River at Blackberry Bay Park Boat ramp for emergency rescue craft from various agencies.		Structure and Infrastructure Project	All Hazards			Engineering	FEMA funding, Grants, bond, mitigation funds, State transportation fund	\$525,000.00		Completed
39_11	Construct Gates on Bridges to Prevent Residents from Re-Entering Borough Post Storm	The Borough needs gates on four bridges (Branchport Ave. Bridge, Gooseneck Bridge, Pleasure Bay Bridge and Oceanport Ave. Bridge by Parkers Creek (Border with Little Silver) to restrict people from re-entering the Borough when it's unsafe after a major flooding or hurricane event. This will require the cooperation of Monmouth County since each bridge is a county bridge.	Maintenance/Response/Recovery	Structure and Infrastructure Project	All Hazards	Low	Low	Monmouth County and Borough	Municipal budget	\$400,000.00	1 year	New
39_12	Create a Plan to Manage Development in Landslide Hazard Areas	Create a plan to implement reinforcement measures in high-risk areas.	Administrative	Local Plans and Regulations	Landslide	Low	Low	Borough	Municipal funding		3 years	New

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_01

Oceanport, Borough of

Describing the Action

Action Name:	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties
Action Category:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Structure Elevation
Action Description:	Mitigate 188 structures that had been flooded or are in danger of being flooded, specifically RL/SRL properties.

Evaluating the Action

Hazard(s) Addressed:	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 5, 6
Risk Reduction:	Due to its location on a peninsula, Oceanport is highly susceptible to storm surge. Oceanport was severely impacted during Hurricane Irene and Superstorm Sandy. Most of Oceanport lies within mapped storm surge hazard areas (Flooding is primarily from Parkers Creek, Oceanport Creek, Blackberry Creek, and Branchport Creek (Shrewsbury River tributaries). Most of the Borough was flooded during Superstorm Sandy. More than half (1,200) of the Borough's 2,100 households had some sort of damage; about 800 of those homes were damaged due to flooding.
Technical:	Technically feasible.
Political:	Political actions present in support of effort.
Legal:	Legal issues may be present for individuals homes, which should be addressed prior to start.
Environmental:	Issues would be addressed in plan review prior to approval.
Social:	Social impact would be a better or improved living condition.
Administrative Capability:	Project management would be needed.
Local Champion:	Council and OEM
Other Community Objectives:	Flood plain management
STAPLEE Evaluation:	10

Implementing the Action

Cost Estimate:	\$49,000,000.00
Priority:	High
Scale of Ease of Implementation:	Medium
Responsible Party:	Council
Local Planning Mechanism:	Committee consisting of FEMA, State, Local officials
Likely Funding Source(s):	FEMA HMA funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; 14 properties have been mitigated, 29 more houses need to be elevated. 8 private structures have been elevated through HMGP funding (\$1,664,610).

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_02

Oceanport, Borough of

Describing the Action

Action Name:	Phase 1 of Borough Hall Relocation Project: Acquire Land for a New Building.
Action Category:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Borough Hall (consisting of staff offices, library, PD, Council Hall) is located in a flood hazard area and was wiped out by Superstorm Sandy. This project will be to construct a new borough hall/building on a site located outside of the floodplain, demolish the existing now-abandoned building, and return to open space.

Evaluating the Action

Hazard(s) Addressed:	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 3, 7
Risk Reduction:	Borough Hall is in an area susceptible to storm surge and was wiped out during Hurricane Sandy. Meetings of the Mayor and Council and Planning Board are still being held at an alternate location. Due to its location on a peninsula, Oceanport is highly susceptible to storm surge. Oceanport was severely impacted during Hurricane Irene and Superstorm Sandy. Most of Oceanport lies within mapped storm surge hazard areas. Flooding is primarily from Parkers Creek, Oceanport Creek, Blackberry Bay, and Branchport Creek (Shrewsbury River tributaries).
Technical:	Technically feasible.
Political:	Political actions present in support of effort and actively looking for property; public support is not on issue at this time, building soon to be condemned.
Legal:	No legal issues.
Environmental:	Locations under consideration will not present environmental issues.
Social:	No social impact; 4 properties under consideration are vacant land. One property a shopping plaza that would be converted. New shopping plaza being constructed next door.
Administrative Capability:	Yes, present staff could handle acquisition.
Local Champion:	Council and OEM
Other Community Objectives:	Support a Capital Improvement #2, possible economic development if plaza obtained.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$1,000,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Council
Local Planning Mechanism:	Committee consisting of FEMA, State, Local official
Likely Funding Source(s):	FEMA, Grants, bond, mitigation fund
Timeline:	
Action Status:	Completed
Notes:	Land purchased at Fort Monmouth. The Borough was awarded \$6.1M of FEMA Funding 406 Public Assistance for repairs to the old Borough Hall post-Sandy.

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_03

Oceanport, Borough of

Describing the Action

Action Name:	Phase 2 of Borough Hall Relocation Project: Construct a New Building
Action Category:	
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other
Action Description:	Construct Borough Hall out of a flood zone. Five properties were considered by the Borough for relocation.

Evaluating the Action

Hazard(s) Addressed:	Flood, Wave Action, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 3, 7
Risk Reduction:	Borough Hall is in an area susceptible to storm surge and was wiped out during Superstorm Sandy. Meetings of the Mayor and Council and Planning Board are still being held at an alternate location.
Technical:	Technically feasible; Yes
Political:	Political actions present in support of effort and actively looking for property; public support is not an issue at this time, building soon to be condemned.
Legal:	No legal issues.
Environmental:	Locations under consideration will not present environmental issues; building would meet present standards
Social:	no social impact; 4 properties under consideration are vacant land. One property a shopping plaza that would be converted. New shopping plaza being constructed next door.
Administrative Capability:	Project management would be needed
Local Champion:	Council and OEM
Other Community Objectives:	Support of land acquisition Project 111, possible economic development if plaza obtained.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$12,000,000.00
Priority:	
Scale of Ease of Implementation:	
Responsible Party:	Council
Local Planning Mechanism:	Committee consisting of FEMA, State, Local official
Likely Funding Source(s):	FEMA funding, Grants, bond, mitigation funds
Timeline:	
Action Status:	Completed
Notes:	Renovating two buildings in Fort Monmouth for PD and Borough Hall.

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_04

Oceanport, Borough of

Describing the Action

Action Name:	Purchase and Install Emergency Generators for Critical Facilities
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Generators
Action Description:	Two emergency generators at both schools in Borough used to supported emergency operations during severe weather events.

Evaluating the Action

Hazard(s) Addressed:	All Hazards
Goals:	1, 3, 6, 7
Risk Reduction:	Locations used in major storm events for police operations, public works and/or sheltering do not have emergency generators for power. By the year 2040, it is projected to have a population increase of 35.9% over 2010 values -one of the highest rates in the county. Climate change will contribute to more frequent and severe weather events.
Technical:	Technically feasible.
Political:	Political actions present in support of effort.
Legal:	No legal issues; agreements in place for building use.
Environmental:	None anticipated; generators would be natural gas units; locations of generators and schools would not impact area.
Social:	No social impact; locations of generators and schools would not impact area.
Administrative Capability:	Engineering has sufficient capacity and experience to administer this action
Local Champion:	Council and OEM; School Board
Other Community Objectives:	Emergency Operations Plan; shelter
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$450,000.00
Priority:	Low
Scale of Ease of Implementation:	Low
Responsible Party:	Council, BOE, and Engineering
Local Planning Mechanism:	Local officials
Likely Funding Source(s):	FEMA funding
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; the grant that is still available for a diesel generator; electrical system is very complicated at school so the Borough moved the generator to two new buildings for the Police Department and Borough Hall. The Borough was awarded HMGP funding for portable generator for shelters (\$100,000).

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_05

Oceanport, Borough of

Describing the Action

Action Name:	Examine Existing Stormwater Drainage System (Phase 1 of 2)
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Infrastructure Retrofit
Action Description:	Examination of present system to determine improvements needed. Video and actual physical examination of system to seek out problems and needed improvements.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 5, 6, 7
Risk Reduction:	Stormwater infrastructure (particularly in the Port-au-Peck section) does not allow for efficient and effective drainage and flooding occurs as a result.
Technical:	Technically feasible.
Political:	Political actions presently in support of effort.
Legal:	No legal issues.
Environmental:	Locations under consideration will not present environmental issues.
Social:	No social impact, would actually improve the community.
Administrative Capability:	Project management would be needed.
Local Champion:	Council and Engineering
Other Community Objectives:	Floodplain Management
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$150,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Engineering
Local Planning Mechanism:	Committee consisting Local officials and engineering
Likely Funding Source(s):	FEMA HMA, municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; some roadways have been repaved and added depressed curbing installed to allow better drainage.

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_06

Oceanport, Borough of

Describing the Action

Action Name:	Implement Improvements to Stormwater Drainage System (Phase 2 of 2)
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Infrastructure Retrofit
Action Description:	Repairs and improvements to storm drain system to include backflow preventers on 44 outfalls.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 3, 5, 6, 7
Risk Reduction:	Stormwater infrastructure (particularly in the Port-au-Peck section) does not allow for efficient and effective drainage and flooding occurs as a result.
Technical:	Technically feasible.
Political:	Political actions presently in support of effort.
Legal:	No legal issues.
Environmental:	Locations under consideration will not present environmental issues.
Social:	No social impact, would actually improve the community.
Administrative Capability:	Project management would be needed.
Local Champion:	Council and Engineering
Other Community Objectives:	Floodplain Management
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$950,000.00
Priority:	Medium
Scale of Ease of Implementation:	Medium
Responsible Party:	Engineering
Local Planning Mechanism:	Committee consisting Local officials and engineering
Likely Funding Source(s):	FEMA HMA, municipal budget, State transportation fund
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing 2015 action; outfalls have been inspected and work to be done in four phases. There is money being set aside each year and grants to be applied for to complete this project.

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_07

Oceanport, Borough of

Describing the Action

Action Name:	Protect and Restore Turtle Mill Brook
Action Category:	Maintenance/Response/Recovery
Action Type:	Natural Systems Protection
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	Remove Snagging and Debris from the floodway of Turtle Mill Brook.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	2, 3, 5, 6
Risk Reduction:	Debris and sediment accumulation on Turtle Mill Brook is believed to be impeding flood flows and causing flooding of roadways and adjacent properties.
Technical:	Technically feasible.
Political:	Political actions present in support of effort.
Legal:	This will take action on the part of Monmouth County, West Long Branch and Oceanport to mitigate the problem.
Environmental:	There are areas that will needed to be examined along the stream, but no major issues anticipated.
Social:	No social impact, most of this area is surrounded by commercial property and a few homes. A lot of vacant land borders the stream.
Administrative Capability:	Project management would be needed.
Local Champion:	Engineering
Other Community Objectives:	Hazard Mitigation Plan
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$1,000,000.00
Priority:	Medium
Scale of Ease of Implementation:	Low
Responsible Party:	Engineering
Local Planning Mechanism:	Local officials and County DPW; adjoining town on border with stream
Likely Funding Source(s):	Municipal budget
Timeline:	1 year
Action Status:	Ongoing
Notes:	Ongoing mitigation action from 2015; Oceanport plans to coordinate with Monmouth County and West Long Branch.

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_08

Oceanport, Borough of

Describing the Action

Action Name:	Elevate and Improve Flood-prone Roadways
Action Category:	Mitigation - Continuity of Fuctional Use
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Structure Elevation
Action Description:	Elevation of roadways, and grading and curbing of flood-prone streets.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	5, 7
Risk Reduction:	Roadway flooding occurs in certain areas due to issues with grading, roadway elevations themselves, and lack of back/low prevention.
Technical:	Technically feasible.
Political:	Political actions presently in support of effort.
Legal:	No legal issues.
Environmental:	Locations under consideration will not present environmental issues.
Social:	No social impact, would actually improve the community.
Administrative Capability:	Project management would be needed.
Local Champion:	Council and Engineering
Other Community Objectives:	floodplain management
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$3,000,000.00
Priority:	Low
Scale of Ease of Implementation:	Medium
Responsible Party:	Engineering
Local Planning Mechanism:	Committee consisting Local officials and engineering
Likely Funding Source(s):	FEMA HMA, State transportation fund, county budget, municipal budget
Timeline:	5 + years
Action Status:	Ongoing
Notes:	Ongoing action from 2015; some repaving work has occurred and including grading changes and adding depressed curbs for drainage.

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_09

Oceanport, Borough of

Describing the Action

Action Name:	Coordinate with Army Corp on Installing a Moveable Flood Gate
Action Category:	Mitigation - Risk Reduction
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Localized Flood Risk Reduction Projects
Action Description:	The mouth of the Shrewsbury River needs a physical barrier with a movable flood gate to prevent water from coming into the Bay.

Evaluating the Action

Hazard(s) Addressed:	Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge
Goals:	1, 2, 4, 5, 6, 7
Risk Reduction:	Flooding occurs during extreme high tides, storm surge, covering property and roadways. This gate would protect residential property and infrastructure. The gate would benefit 10 municipalities that border the river, saving \$1.8 billion dollars of flood impacted property in residential, commercial, and governmental facilities; this figure does not include vehicles and boats; numerous lives. These ten towns reflect 4.69% of the total flood insurance coverage in NJ.
Technical:	Technically feasible at the Route 36 bridge.
Political:	Several government agencies (Army Corp, County, municipalities, DEP) would need to coordinate on this project.
Legal:	Significant legal issues, as the Shrewsbury River is both a state and federal channel.
Environmental:	Locations under consideration will need environmental review.
Social:	Does not adversely affect any particular social group.
Administrative Capability:	Project management would be needed.
Local Champion:	Council, Public, Engineering, NJ FRAMES,
Other Community Objectives:	Floodplain management with the towns of Sea Bright, Monmouth Beach, Long Branch, Little Silver, Fair Haven, Rumson, Red Bank, Highlands, and Middletown would be required.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$500,000,000.00
Priority:	High
Scale of Ease of Implementation:	High
Responsible Party:	Army Corp of Engineers
Local Planning Mechanism:	Committee consisting Federal/ State/ County/Local officials and engineering
Likely Funding Source(s):	Army Corp of Engineers
Timeline:	5 + years
Action Status:	Ongoing
Notes:	Ongoing 2015 action; responsibility of Army Corp however the Borough strongly supports this project, as they believe this is the best mitigation action for Oceanport.

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_10

Oceanport, Borough of

Describing the Action

Action Name: Create Easier Access to the Emergency Watercraft Launch

Action Category:

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Non-structural Retrofitting of Existing Buildings and Facilities

Action Description: Improved access to Shrewsbury River at Blackberry Bay Park Boat ramp for emergency rescue craft from various agencies.

Evaluating the Action

Hazard(s) Addressed: All Hazards

Goals: 1, 3, 5, 6, 7

Risk Reduction: Reduced access to Shrewsbury River from ramp at Blackberry Bay Park due to repetitive storm damage over years; condition is causing damage to watercraft.

Technical: Technically feasible.

Political: Borough strongly supports project.

Legal: No Legal issues.

Environmental: No adverse environmental effects from dunes.

Social: no social impact, would actually improve the community.

Administrative Capability: Project management would be needed.

Local Champion: Council/Public and Engineering; First Response Agencies.

Other Community Objectives: While improving emergency access for first responders, it will also improve recreational boating access to river.

STAPLEE Evaluation: 8

Implementing the Action

Cost Estimate: \$525,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Engineering

Local Planning Mechanism: Committee consisting Local officials and engineering

Likely Funding Source(s): FEMA funding, Grants, bond, mitigation funds, State transportation fund

Timeline:

Action Status: Completed

Notes:

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_11

Oceanport, Borough of

Describing the Action

Action Name:	Construct Gates on Bridges to Prevent Residents from Re-Entering Borough Post Storm
Action Category:	Maintenance/Response/Recovery
Action Type:	Structure and Infrastructure Project
HMA Eligible Activity:	Miscellaneous/Other/NA
Action Description:	The Borough needs gates on four bridges (Branchport Ave. Bridge, Gooseneck Bridge, Pleasure Bay Bridge and Oceanport Ave. Bridge by Parkers Creek (Border with Little Silver) to restrict people from re-entering the Borough when it's unsafe after a major flooding or hurricane event. This will require the cooperation of Monmouth County since each bridge is a county bridge.

Evaluating the Action

Hazard(s) Addressed:	All Hazards
Goals:	1, 4, 5, 6
Risk Reduction:	With Sandy and the 92 Nor'Easter, the area which is the Port-au-Peck section was devastated with down trees, powerlines and other roadway obstructions. Each of these bridges is a conduit for travel to and from Monmouth Beach, Long Branch and Little Silver. By restricting travel, we stop people from entering these areas so that utilities can work, public works can clear the roadways, damage assessment can be made and lifesaving work done. No sense for them to come into the area till it's made safe and stop unwanted people from criminal activity. It's bad enough we had thief happen in the 92 storm by people entering properties from the river side by boats.
Technical:	Technically feasible.
Political:	No adverse political ramifications are expected.
Legal:	Coordinate with the County since they own the bridges.
Environmental:	No adverse environmental impact anticipated
Social:	Protects the safety of all residents.
Administrative Capability:	Borough has sufficient capacity and experience to coordinate this action.
Local Champion:	OEM
Other Community Objectives:	Protect life.
STAPLEE Evaluation:	N/A

Implementing the Action

Cost Estimate:	\$400,000.00
Priority:	Low
Scale of Ease of Implementation:	Low
Responsible Party:	Monmouth County and Borough
Local Planning Mechanism:	Hazard Mitigation Plan
Likely Funding Source(s):	Municipal budget
Timeline:	1 year
Action Status:	New

Notes:

Monmouth County Mitigation Action Worksheets

Community Action Number: 39_12

Oceanport, Borough of

Describing the Action

Action Name: Create a Plan to Manage Development in Landslide Hazard Areas

Action Category: Administrative

Action Type: Local Plans and Regulations

HMA Eligible Activity: Miscellaneous/Other/NA

Action Description: Create a plan to implement reinforcement measures in high-risk areas.

Evaluating the Action

Hazard(s) Addressed: Landslide

Goals: 1, 2, 5

Risk Reduction: There is a high probability of future landslide events (mostly slumps and slump blocking) in the northeast portion of the County along the shore of the Navesink River.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: No Legal issues.

Environmental: No adverse environmental effects.

Social: Does not adversely affect any particular social group.

Administrative Capability: Borough has sufficient capacity and experience to coordinate this action.

Local Champion: OEM

Other Community Objectives:

STAPLEE Evaluation: N/A

Implementing the Action

Cost Estimate:

Priority: Low

Scale of Ease of Implementation: Low

Responsible Party: Borough

Local Planning Mechanism: Hazard Mitigation Plan

Likely Funding Source(s): Municipal funding

Timeline: 3 years

Action Status: New

Notes:

CAPABILITY ASSESSMENT WORKSHEET

Name: Mauro Baldanza

Title: Coordinator

Jurisdiction: Oceanport Borough

Organization:

Local Mitigation Capabilities are existing authorities, policies, programs, and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible.

Planning & Regulatory

Planning and Regulatory Capabilities are the plans, policies, codes, and ordinances that prevent and reduce the impacts of hazards. Please indicate which of the following your jurisdiction currently has in place.

Plan	Yes/No	1. What is the date/year of the plan? 2. Does the plan address hazards? 3. Does the plan identify projects to include in the mitigation strategy? 4. Can the plan be used to implement mitigation actions?
Comprehensive/Master Plan	Yes	1. 2016 2. Yes; addresses hazards and community resiliency 3. Yes 4. Yes
Capital Improvements Plan	Yes	Annual; depends on what the plan will include; no; yes if funded
Economic Development Plan	No	
Local Emergency Operations Plan	Yes	Recertified in 2019. Hazards known are mentioned; no, no
Continuity of Operations Plan	No	
Post-Disaster Recovery Plan	No	But we have a draft that could be reviewed for possible inclusion
Transportation Plan	Yes	Master Plan (2016); NO; NO; NO
Stormwater Management Plan	Yes	Update 2019; No; No; No
Community Wildfire Protection Plan	No	



CAPABILITY ASSESSMENT WORKSHEET

Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	Yes	<ul style="list-style-type: none"> • Strategic Recovery and Planning Report (2014) • NJ FRAMES • Getting to Resilience • NJ Coastal Community Resilience Demonstration Project • Strategic Recovery Planning Report
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code	Yes	Version/Year: 2015; yes
Building Code Effectiveness Grading Schedule (BCEGS) Score	Yes	Score: 4 for 1 and 2 family; 4 for all other construction
Fire Department ISO rating	Yes	Rating: 4
Site Plan Review Requirements	Yes	Yes
Land Use Planning and Ordinances	Yes/No	Is the ordinance an effective measure for reducing hazard impacts? Is the ordinance adequately administered and enforced?
Zoning Ordinance	Yes	Yes; Yes
Subdivision Ordinance	Yes	Yes; Yes
Floodplain Ordinance	Yes	Flood Damage Prevention Ordinance (2.5 FT above BFE)
Natural hazard ordinance (stormwater, steep slope, wildfire)	No	
Flood Insurance Rate Maps	Yes	Yes; Yes. Maps available for review by public
Acquisition of Land for Open Space and Public Recreation Uses	Yes	Green acres and Blue acres program funded by NJ DEP
Post-Disaster Recovery Ordinance	No	Have a draft available for review and possible inclusion
Real Estate Disclose Ordinance	No	New Jersey Association of Realtors standard form of Seller's property condition disclosure statement



CAPABILITY ASSESSMENT WORKSHEET

Other (ie. Special Purposes Ordinance)	Yes	Special Purposes Ordinance and Growth Management Ordinance
How can the above capabilities be expanded and improved to reduce risk?		
Applications of recommends from Other Special Plans that could reduce risk.		

Administrative & Technical

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/No	Describe capability Is coordination effective?
Planning Commission	Yes	Planning Board
Mitigation Planning Committee	Yes	Local Emergency Planning Council, meets to discuss emergency management actions that could include mitigation measures
Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems)	Yes	JCP& L does tree trimming programs to reduce outages; drainage system inspected under Stormwater Program
Mutual Aid Agreements	Yes	Countywide plan for the sharing of resources and manpower Construction officials for assist to towns during disasters
Staff	Yes/No FT/PT	Is the staff full time or part time? Is staffing adequate to enforce regulations? Is the staff trained on hazards and mitigation? Is coordination between agencies and staff effective?
Chief Building Official	Yes/FT	Yes; yes; yes
Floodplain Administrator	Yes/PT	Served by Borough Engineer; yes; yes; yes
Emergency Manager	Yes/PT	No; Yes; Yes
Community Planner	Yes/PT	Have a private firm assist with planning; yes; yes; yes



CAPABILITY ASSESSMENT WORKSHEET

Civil Engineer	Yes/PT	Associated with Borough Engineer
Surveyor	Yes/PT	Associated with Borough Engineer
GIS Coordinator	Yes/PT	Use Monmouth County GIS and Borough Clerk uses a program in house
Scientists familiar with the hazards of the community	No	
Other	Yes	CERT
Technical	Yes/No	Describe capability Has capability been used to access/mitigate risk in the past?
Warning Systems/Services (Reverse 911, outdoor warning signals)	Yes	Upgrading radio communications, Shrewsbury Flood Warning System, Emergency Alerting System, Code Red. Used to inform public of hazard condition and remove them from danger areas.
Hazard Data and Information	Yes	Municipal website has a tab for Emergency Info
Grant Writing	Yes	Borough engineering firm has grant writer; also individuals will prepare grants related to their jobs
Hazus Analysis	Yes	Have program with emergency management
Other	Yes	HURREVAC program
How can the above capabilities be expanded and improved to reduce risk?		
<p>Hazus and HURREVAC program can provide advance information to remove people from hazardous situations.</p>		



CAPABILITY ASSESSMENT WORKSHEET

Financial

Identify whether your jurisdiction has access to or is eligible to use the following funding resources for hazard mitigation.

Funding Resource	Access / Eligibility (Yes/No)	Has the funding resource been used in the past and for what type of activities? Could the resource be used to fund future mitigation actions?
Capital Improvements Project Funding	Yes	Yes, boat ramp repair and improvements
Authority to Levy Taxes for Specific Purposes	Yes	Open Space tax, to acquire vacant land and improve open space
Fees for Water, Sewer, Gas, or Electric Services	No	
Impact Fees for New Development	Yes	State COAH
Stormwater Utility Fee	No	
Incur Debt Through Private Activities	No	
Community Development Block Grant	Yes	Yes; street improvements to include drainage. Yes
Other Federal Funding Programs	No	
State Funding Programs	Yes	DOT grants used for streets; yes; yes DCA grants; used for GIS system; yes, yes
Other (e.g., withhold spending in hazard-prone areas)	No	Incur Debt through General Obligation and Incur Debt through Special Taxes and Revenue Bonds
How can these capabilities be expanded and improved to reduce risk?		
Funding to do projects and manpower to manage the project		



CAPABILITY ASSESSMENT WORKSHEET

Education and Outreach

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Program/Organization	Yes/No	Describe program/organization and how it relates to disaster resilience and mitigation. Could the program/organization help implement future mitigation activities?
Local Citizen Groups or Non-Profit Organizations Focused on Environmental Protection, Emergency Preparedness, Access and Functional Needs Populations, etc.	Yes	Oceanport Cares- Non Profit- supports emergency management in response and recovery Register Ready- for people with physical disabilities that would need assistance in evacuation provide information to emergency response agencies so emergency responders can better plan to serve them in a disaster or other emergency.
Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Links to Ready. Gov and other services on emergency information page of web site
Natural Disaster or Safety Related School Programs	Yes	School Safety plan deals more with response to situations like, active shooter, fire, severe weather
StormReady Certification	Yes	Expires 9/24/2022
Firewise Communities Certification	No	
Public-Private Partnership Initiatives Addressing Disaster Related Issues	No	
Other	Yes	Community Rating System (CRS)
How can these capabilities be expanded and improved to reduce risk?		
Working towards a new classification in the CRS Program		





Building Classification

Industrial

Farm

Industrial

Farm

Commercial

Vacant

Commercial

Vacant

Apartment

Civic/Public (Tax Exempt)

Apartment

Civic/Public (Tax Exempt)

Residential (four families or less)

Unclassified

Residential (four families or less)

Unclassified

Parcel Classification

Industrial

Farm

Commercial

Vacant

Apartment

Civic/Public (Tax Exempt)

Residential (four families or less)

Unclassified

Open Space

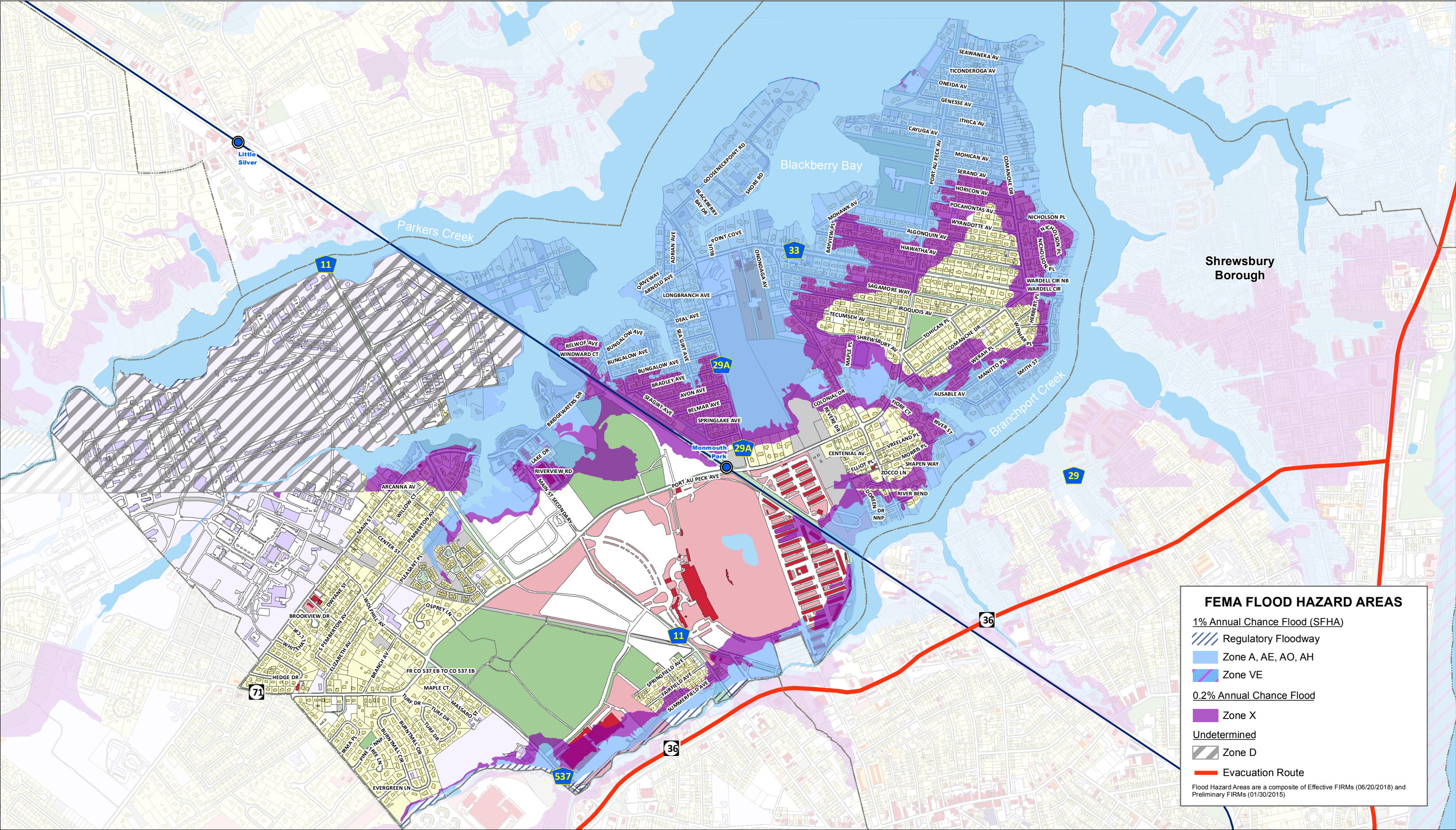
06501,300

Feet

N

Source: 2014 Esri; Monmouth County; NJOIT-OGIS; NJGIN MODIV Parcel, FEMA

Projection: New Jersey State Plane, NAD 1983



This map was developed using the 10-04-18 statewide composite of parcel data published by the NJOIT-OGIS. The State of New Jersey makes great effort to provide secure, accurate, and complete data and metadata. However, portions of the data and metadata may be incorrect or not current. Any errors or omissions should be reported for investigation to OGIS.



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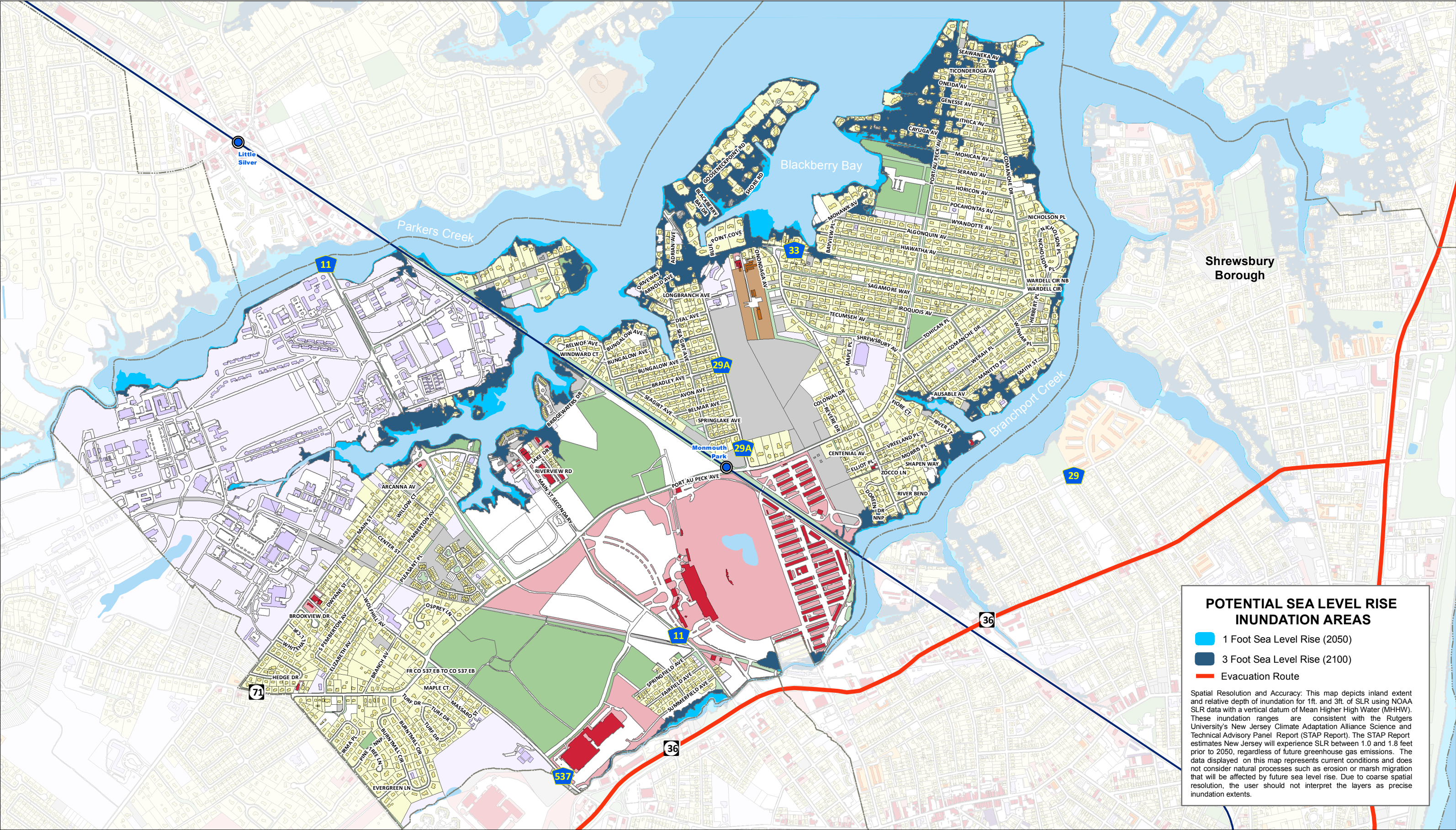
06501,300

Feet

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Projection: New Jersey State Plane, NAD 1983





MEETING NOTES

Topic: Oceanport- Monmouth County HMP Update Meeting

Date: May 9, 2019

Time: 4:00 PM- 5:00 PM

Location: Boro Hall 315 E. Main St. Oceanport, NJ 07757

Drafted by: Paige Kaspar

Introductions (Brittany):

- Goals and Hazards
- What is Mitigation Hazard Planning?
- Funding Available
 - HMA
- Mitigation Strategies

Status of 2015 Mitigation Actions:

1. Elevate Residential Homes (118 substantially damaged)
2. Relocate Borough Hall Phase 1: Acquire Land for The New Building (complete)
3. Relocate Borough Hall Phase 2: Construct the New Building (complete)
4. Generators: Have a grant that is still available for a deseil generator; electrical system is very complicated at school so moved generator to two new buildings: police station
5. Stormwater Drainage- Port-au-Peck section (phase 1)
6. Stormwater Drainage- Port-au-Peck section (phase 2)
7. Re-snagging and debris from Turtle Mill Brook
8. Elevation of Roadways
9. Physical barrier with movable gate
10. Ramp for lifesaving boat (complete)



Possible New Mitigation Actions:

1. Need gates to keep people out of the Borough after a storm
 - a. Need gates on bridges to keep residents out
 - b. Took police officer and trucks away from emergency
 - c. Bridgeport Ave. Bridge, Gooseneck Bridge, Pleasure Bay Bridge, Oceanport Ave Bridge
 - d. Trees and powerlines were down
2. Backflow preventers on county drains Monmouth Blvd proposed tidal vales (on mitigation list?)
3. Portable dams?
4. Swell along property line?
5. Backup generators on Sewer pump stations?
6. Message boards Blackberry park and community center?

Repetitive Loss Properties:

- 8 of 120 mitigated

Problems:

- Port-au-Peck (main evacuation route) and Comanche intersection floods and would cut off access from eastern Oceanport
- Last time Shrewsbury River was dredged was in the 1980s
- Would lose Port-au-Peck Fire House and First Aid with a storm over Category 2

Successes:

- The borough established a freeboard requirement of 2.5 feet in 2009, representing one of the more stringent requirements in the state.
- The borough recently completed a bulkhead repair project at Blackberry Bay Park.
- Oceanport decided to move Borough Hall and the Department of Public Works out of the flood zone to a Fort Monmouth location rather than rehabilitate them after flooding from Sandy. The borough did a full cleaning of the stormwater system to ensure that there were no clogs that could lead to flooding during heavy precipitation events.

Capabilities:

- Worked with NJ FRAMES
- GTR
- Moving municipal buildings out of a flood zone
- Audible sound system (depends on wind direction)
- Reverse 911, Code Red



Monmouth County
Multi-Jurisdictional Hazard Mitigation Plan Update



Michael Baker
INTERNATIONAL

Meeting: Oceanport HMP

Date: 05-09-19

Initial	Last Name	First Name	Title	Organization	Email Address
	BALAMANA	MAURIZO	Deputy Coordinator	OCEANPORT DEPT	OCEANPORT@OCEANPORTNJ.GOV
	PHILLIPS	DONNA	ADMINISTRATOR	OCEANPORT	STEPH@OCEANPORTBORO.NJ
	WHITE	Brian	Bien Engineering	MACE Construction	WHITE@MACECONSTRUCT.COM
	JOHNSON	JOHN	CONSTRUCTION OFFICIAL	OCEANPORT	CONSTRUCTION OFFICIAL@OCEANPORTBORO.NJ
	ISAACS	JOE	Asst. Dir. Planning	Maceo Group	JOE@MACEO.COM