



VII. Appendix I

Existing Plans and Initiatives

Plan/Program	Lead Organization(s)	Description	Recovery Functions					Sub-Category	
			Community Planning & Capacity Building	Economic Development	Health & Social Services	Housing	Infrastructure		Natural & Cultural Resources
A Stronger More Resilient New York (SIRR Report)	NYC Office of the Mayor and various City agencies	Citywide resiliency study proposed numerous initiatives relevant to Lower Manhattan. Key initiatives include: Install an integrated coastal protection system in Lower Manhattan, construct physical enhancements to Water Street, expand Take the H.E.L.M., implement planned investments in South Street Seaport, retrofit public housing units damaged by Sandy and increase future resiliency of public housing, implement planned and ongoing investments at city parks and open space, call for Neighborhood Retail Recovery Program, study feasibility of multipurpose levee on East River (Seaport City). Many more initiatives relevant to Lower Manhattan and the wider city are proposed, some of which are underway.	X	X	X	X	X	X	Resiliency
The Plan for Lower Manhattan	Lower Manhattan Development Corporation (LMDC), NYC Parks & Recreation Department (NYCDPR), New York Police Department (NYPD)	Finalized and ongoing efforts towards waterfront access and park improvements. LMDC hopes to expand and improve waterfront access at Peck Slip, Old Slip, Coenties Slip, Montgomery Slip, Catherine Slip, and Rutgers Slip. Upgrades are necessary for the Peck, Montgomery, and Catherine Slip medians, Pike/Allen Street malls, James Madison Park, Bowling Green, Brooklyn Bridge Plaza, Drumgoole Plaza, Sara D. Roosevelt Park, Washington Market Park, Wall Street Triangle, Canal Varick, and Collect Pond Park, among others.	X				X	X	Waterfront Access / Open Space
World Trade Center Redevelopment	Lower Manhattan Development Corporation (LMDC)	Improvements to the World Trade Center site and connections to the surrounding area.	X	X	X	X	X	X	Development
Fulton Corridor Revitalization Project	Lower Manhattan Development Corporation (LMDC)	Initiative calls to create and expand open spaces, implement retail and façade improvements, and complete streetscape and retail improvements.		X			X	X	Public Realm - Open Space



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Greenwich South (Corridor Plan)	Alliance for Downtown New York (ADNY)	The initiative calls for open space improvements, connections between WTC and Greenwich South, public realm activation, enhancing connections across Water Street, reimagining Greenwich Street as a gateway, the study of zoning and real estate development models to prioritize mixed-use development in Greenwich South, and coherence with community needs.	X	X		X	X	X	Corridor Plan
Water Street: A New Approach (Corridor Plan)	Alliance for Downtown New York (ADNY)	A proposal to rescale the streetscape of Water Street to create an iconic boulevard, strengthen connections to the historic core and waterfront, realign public and groundfloor spaces to encourage street life, and extend hours of activity.		X			X	X	Public Realm / Open Space
Hudson River Park	Lower Manhattan Development Corporation (LMDC), Hudson River Park Trust (HRPT), New York City Planning Commission (CPC), New York State Department of Environmental Conservation (NYSDEC)	Current or imminent park projects include: Pier 26 (boathouse and restaurant), Center Upland (including a dog run), and Hudson River Park Estuarium in Tribeca; Pier 40 infrastructural improvements; Gansevoort Peninsula and Pier 57 in the Meatpacking District; and the expansion of Pier 97 at Clinton Cove. Pier 57 is currently undergoing a review process to be converted to retail, restaurant, commercial, marina, educational, and cultural spaces with estimated completion in 2015. Pier 40 has received two bids - from the Durst Organization and Pier 40 Champions - for revitalization projects related to retail, commercial, and residential venues.		X		X	X	X	Waterfront Access / Open Space
East River Waterfront Esplanade	NYC Economic Development Corporation (EDC), Department of City Planning (DCP), Lower Manhattan Development Corporation (LMDC)	The first section of the East River Esplanade from Maiden Lane to Wall Street was completed in 2011. The esplanade will continue to be upgraded and piers installed. Resiliency measures might be able to be incorporated into sections that are not yet under construction such as the section between the Brooklyn and Manhattan Bridges.		X			X	X	Waterfront Access / Open Space



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Battery Garden Bikeway	Battery Conservancy, Piet Oudolf	Battery Garden Bikeway will link the Hudson River Park Bikeway to the East River Esplanade. Construction on the first phase is underway with completion of a section expected by the end of 2013. Later phases and sections of the bikeway may include resiliency components such as mild elevation or drainage technologies. The Conservancy is looking to increase the use of salt-tolerant plantings going forward.					X	X	Public Realm
The East River Blueway Plan (Waterfront to the People)	Office of Manhattan Borough President Scott Stringer, Office of New York State Assemblymember Brian Kavanagh, New York State Department of State Division of Coastal Resources, Community Boards 3 and 6, Lower East Side Ecology Center, LMDC	A community-based waterfront planning initiative for the East River, running from the Brooklyn Bridge to 38th Street, will incorporate storm recovery, integrate recreational activities, and connect neighborhoods to the waterfront. Though designed before Superstorm Sandy, the design has been adjusted in order to include more aggressive resiliency elements such as a flood wall that would protect the Con Edison substation and marsh design to absorb storm surge energy. As of May 2013, there were no plans in place for implementation though the borough president has committed \$3.5 million to study strategies and feasibility.	X			X	X	X	Waterfront Access / Open Space
Comprehensive Citywide Ferry Study	New York City Economic Development Corporation	Released in March 2011, the study evaluates potential opportunities for ferry expansion in New York City.					X	X	Transportation
Development of a Community-Based Plan	Chinatown Working Group (CWG), Lower Manhattan Development Corporation (LMDC)	The Chinatown Working Group is spearheading redevelopment efforts and generating a community-based plan for Chinatown improvements with support from a 2012 grant from the Lower Manhattan Development Corporation.	X	X	X	X	X	X	Neighborhood Planning



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Chinatown Rezoning Plan	Coalition to Protect Chinatown and the Lower East Side, Chinatown Working Group (CWG), Chinatown Business and Property Owners Group	Special Zoning District to Preserve Chinatown and the Lower East Side is being pursued. Previously, the Chinatown Business and Property Owners Group contracted with WXY Architecture + Urban Design to study the implications of rezoning Chinatown.	X	X		X			Zoning
Hudson Square: Rezoning, Special District, and Other Improvements	New York City Council, Department of City Planning (DCP), Landmarks Preservation Commission, Port Authority of New York and New Jersey, Department of Transportation (DOT), etc.	Proposals for Hudson Square's Rezoning and Special District, both approved March 2013, will add affordable housing units, fund open space and recreational amenities, and create a K-5 school. Thus far, half of the petitioned South Village Historic District will be preserved in light of rezoning efforts. Recent updates to Hudson Square also include the Freeman Plaza West opening; 2011 CityBench seating additions; 2012 Soho Square redevelopment; the Pedestrian Traffic Managers program establishment; ongoing pedestrian safety improvements at Hudson, Varick, and Canal Streets; and planned plaza renovations near the Holland Tunnel entrance.	X		X	X	X		Zoning
Seaport City	New York City Economic Development Corporation (EDC)	Feasibility study for a multi-purpose levee along Lower Manhattan's eastern edge to address coastal flooding and create economic development opportunities.	X	X	X	X	X	X	Coastal Protection / Economic Development
Essex Crossing (Seward Park, Lower East Side), also known as SPURA (Seward Park Urban Renewal Area)	Educational Alliance, Grand Street Settlement, Mayor's Office	\$1.1 billion mixed-use development for largest undeveloped City-owned property. Plan will include 1.65 million square feet encompassing 1,000 housing units, including 500 affordable housing units (with different affordability tiers); the renovation of Essex Market; an Educational Alliance school; a community center; a rooftop urban farm; the Andy Warhol Museum; 250,000 square feet of offices and retail; retail catered to small businesses; a bowling alley; and a movie theater. Announced Sept. 2013 with construction beginning Spring 2015.		X	X	X		X	Development, Housing, Public Realm



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Seaport Pier 17 Reconstruction	Mayor's Office, City Council, Community Board 1, Department of Cultural Affairs, Howard Hughes Corporation, Southstreet Seaport Museum	A three-year project to create a hub comprised of retail, entertainment, restaurants, bars, an amphitheater, and open space. The venture will produce over \$260 million and provide 1,000 jobs.		X				X	Development, Waterfront Access / Open Space
Paths to Pier 42	O.U.R. Waterfront Coalition/Lower East Side (LES) Waterfront Alliance, the Lower Manhattan Cultural Council, State Senator Daniel Squadron, New York City Department of Parks and Recreation	Pier 42 will be converted into a park based on community input. LES Waterfront Alliance initiated Paths to Pier 42 in summer 2013 to request proposals for art programming and events that will promote waterfront access. Hester Street Collaborative solicits public feedback for the project using its Waterfront on Wheels initiative. Since March 2012, Two Bridges Neighborhood Council has generated South Street Stakeholder discussions to brainstorm uses of the area around Pier 42 and increase access between the neighborhood and waterfront.	X					X	Waterfront Access / Open Space
Transforming the East River Waterfront	City of New York, SHoP Architects	A plan for reenvisioning the East River's access and open space creation dividing projects into categories by type and location and including Pier 42, Pike/Allen, the Slips, and the Esplanade. A comprehensive overview of ongoing projects.					X	X	Waterfront Access / Open Space
Hudson River Park Neighborhood Improvement District (NID)	Hudson River Park Trust (HRPT), Department of Small Business Services (SBS)	Nov. 2013 proposal to create a neighborhood improvement district that would generate revenue for Hudson River Park's maintenance and operations. Annual per-square-foot charges would be made of 7.5 cents and 15 cents for residents and commercial property owners, respectively, located in a three-block radius from the park.	X	X			X	X	Neighborhood Planning
Framework to Preserve Chinatown/Lower East Side	Two Bridges Neighborhood Council	2010 study analyzed preservation and affordability in Chinatown and the Lower East Side.	X	X		X			Housing



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East Side Action Plan	Transportation Alternatives, New York State Governor's Traffic Safety Committee, National Highway Traffic Safety Administration	Recommendations to improve the safety of Manhattan's eastern corridors (CB3, CB6, CB8, CB11) based on community studies in 2010.	X				X	Transportation	
HUD Rebuild by Design	US Department of Housing and Urban Development (HUD), multiple firms	Design competition, hosted by HUD, seeks to solicit local resiliency designs that can provide regional and replicable solutions. In November 2013, ten ideas were selected to progress to the next round of analysis. Of those proposals, two are particularly relevant to Lower Manhattan. "The Big 'U'" proposal from the BIG Team, envisions a tailor-designed, community driven, integrated protection system, wrapping around Manhattan from West 57th Street down to The Battery and up to East 42nd Street. HR&A Advisors and Coopers, Robertson, & Partners Team's "Coastal Commercial Resiliency Financing" is exploring a replicable financial tool to enable implementation of temporary and long-term physical and operational interventions for businesses. This idea will be explored in the context of Red Hook but applicable to Lower Manhattan businesses.	X	X	X	X	X	X	Housing, Neighborhood Planning, Resiliency
TRANSPORTATION & INFRASTRUCTURE PROJECTS									
Sandy Recovery and Resilience Division	Metropolitan Transportation Authority (MTA)	Repairs and rehabilitation to critical projects including: - Rehab / Flood Mitigation for Metropolitan Transportation Authority (MTA) NYC Transit Lower Manhattan Stations - East River Tunnel Rehab and Repair - Original PATH Station repairs					X	Transportation	
Hudson River Tunnel Resiliency Retrofits	Port Authority of NY & NJ (PATH)	Hudson River Tunnel Resiliency Retrofits (PATH tubes and Holland Tunnel)					X	Transportation	
Tunnel and subway repairs	Metropolitan Transportation Authority (MTA)	Repairs to subway stations and tunnels including: - South Ferry subway station repairs - Montague Tunnel (R Train) - Hugh Carey/Battery Tunnel repairs					X	Transportation	



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TRANSPORTATION & INFRASTRUCTURE PROJECTS									
DDC Capital Projects	NYC Department of Design and Construction (DDC)	Reconstruction of numerous projects including: - Worth Street, Chambers Street, Warren Street, Fulton Street, Cobble Stone Street, John Street, and Broadway and associated sewer upgrades - Morris Street pedestrian bridge replacement - Seward Park Sidewalk: Vault Replacement					X	Public Realm	
PATH extension to Newark Airport	Port Authority of NY and NJ (PATH)	The PATH extension to Newark Airport is proposed and likely to be funded.					X	Transportation	
World Trade Center Transportation Hub	Port Authority of NY and NJ (PATH)	Construction underway for transportation center that connects to PATH station and Battery Park City Ferry Terminal, is planned to connect to eleven subway lines, Hudson River ferries, the WTC towers, and will include a retail complex.		X			X	Transportation, Development	
DOT Resiliency Retrofits	New York City DOT	Resiliency retrofits to Battery and West Street underpasses					X	Transportation	
DEP Resiliency Retrofits	New York City DEP	Water and wastewater system resiliency upgrades					X	Utilities	
“Go-Green” initiative - Car Share Program	Seward Park Co-op, Hertz, Manhattan Borough President Scott Stringer	As part of Hertz's car-sharing program and a larger push by the Co-op to undertake sustainable endeavors, in May 2011 Seward Park acquired electric hybrid vehicles and a charging station for use by tenants as well as non-residents.	X				X	X	Transportation, Housing
Local Spokes (Lower East Side-Chinatown Bicycling Coalition)	Two Bridges Neighborhood Council, Hester Street Collaborative, Asian Americans for Equality, and GOLES (Good Old Lower East Side)	A local initiative to promote bicycling in the Lower East Side. The project aims to use feedback from the community to generate a conceptual plan for transit.	X				X		Transportation, Public Realm



VIII. Appendix II

Asset Inventory

The following tables contain key assets within the Lower Manhattan Focus Area, with additions from the Planning Committee and public.

Key Economic Assets	
Name	Asset Subcategory
55 WATER STREET	Employment Hub
BROOKFIELD PLACE	Employment Hub
NEW YORK STOCK EXCHANGE	Employment Hub
SOUTH STREET SEAPORT AND SEAPORT HISTORIC DISTRICT	Employment Hub
WORLD TRADE CENTER	Employment Hub

Health and Social Services: Key Emergency Response Assets	
Name	Asset Subcategory
311 OFFICE	Key Community Organizations
BATTERY PARK CITY EMERGENCY MEDICAL OFFICE	Key Health Care Center
BATTERY PARK CITY SENIORS GROUP	Key Community Organizations
BETANCES HEALTH CENTER	Key Health Care Center
BOWERY RESIDENTS' COMMITTEE (BRC)	Key Community Organizations
BRECHT FORUM	Key Community Organizations
CHARLES B. WANG COMMUNITY HEALTH CENTER	Key Health Care Center
CHINESSE CONSOLIDATED BENEVOLENT ASSOCIATION	Key Community Organizations
COMMITTEE AGAINST ANTI-ASIAN VIOLENCE (CAAHV)	Key Community Organizations
COMMUNITY BOARD 1	Key Community Organizations
COMMUNITY BOARD 2	Key Community Organizations
COMMUNITY BOARD 3	Key Community Organizations
DEWITT REFORMED CHURCH	Key Community Organizations
FDNY ENGINE 33, LADDER 9	FDNY Facility
FDNY ENGINE 15, LADDER 18	FDNY Facility
FDNY ENGINE 24, LADDER 5	FDNY Facility
FDNY ENGINE 28, LADDER 11	FDNY Facility
FDNY ENGINE 4, LADDER 15	FDNY Facility
FDNY ENGINE 5	FDNY Facility
FDNY ENGINE 55	FDNY Facility

Health and Social Services: Key Emergency Response Assets	
Name	Asset Subcategory
FDNY ENGINE 6	FDNY Facility
FDNY ENGINE 7, LADDER 1 - MANHATTAN BOROUGH COMMAND	FDNY Facility
FDNY ENGINE 9, LADDER 6	FDNY Facility
FDNY ENGINE 10, LADDER 10	FDNY Facility
FDNY LADDER 20	FDNY Facility
FDNY LADDER 3	FDNY Facility
FDNY LADDER 8	FDNY Facility
FDNY SQUAD 18	FDNY Facility
GOOD OLD LOWER EAST SIDE (GOLES)	Key Community Organizations
GOUVERNEUR HOSPITAL	Key Health Care Center
GRAND STREET SETTLEMENT	Key Community Organizations
HAMILTON-MADISON HOUSE	Key Community Organizations
HENRY STREET SETTLEMENT	Key Health Care Center
LOWER MANHATTAN CONSTRUCTION COMMAND CENTER	Key Community Organizations
NEW YORK DOWNTOWN HOSPITAL	Key Health Care Center
NYPD 1ST PRECINCT - TROOP A	NYPD Facility
NYPD 5TH PRECINCT	NYPD Facility
NYPD 6TH PRECINCT	NYPD Facility
NYPD 7TH PRECINCT	NYPD Facility
NYPD 9TH PRECINCT	NYPD Facility
NYPD EMS STATION 4	NYPD Facility
NYPD LOWER MANHATTAN CENTER	NYPD Facility
PRIMITIVE CHRISTIAN CHURCH	Key Community Organizations
SEWARD PARK HIGH SCHOOL EVACUATION CENTER	Evacuation Center
TWO BRIDGES NEIGHBORHOOD COUNCIL	Key Community Organizations
UNIVERSITY SETTLEMENT	Key Community Organizations
WORLD TRADE CENTER EMERGENCY MEDICAL OFFICE	Key Health Care Center



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Key Infrastructure Assets	
Name	Asset Subcategory
BROOKLYN BRIDGE	Transportation
CHERRY STREET SUBSTATION (CON EDISON)	Power Supply
DEP MANHATTAN PUMP STATION	Power Supply
DOWNTOWN MANHATTAN HELIPORT	Transportation
GOVERNORS ISLAND FERRY	Transportation
HOLLAND TUNNEL	Transportation
HOUSTON STREET UNDERPASS	Transportation
HUGH L. CAREY TUNNEL	Transportation
L TRAIN TUNNEL	Transportation
MANHATTAN BRIDGE	Transportation
SOUTH STREET SEAPORT PIER 11/EAST RIVER FERRY TERMINAL	Transportation
SOUTH STREET SUBSTATION (CON EDISON)	Telecommunications
SOUTH STREET TRUCK ROUTE	Transportation
TEMPORARY WORLD TRADE CENTER PATH STATION	Transportation
WHITEHALL FERRY TERMINAL	Transportation
WHITEHALL SUBWAY STATION	Transportation
WILLIAMSBURG BRIDGE	Transportation
104 BROAD STREET VERIZON EXCHANGE	Telecommunications
13TH STREET SUBSTATION (CON EDISON)	Power Supply
140 WEST STREET VERIZON EXCHANGE	Telecommunications
BATTERY PARK CITY FERRY TERMINAL	Transportation
BATTERY PARK UNDERPASS	Transportation

Key Housing Assets: Subsidized Housing	
Name	Asset Subcategory
BARUCH HOUSES (NYCHA)	Multi-Family Residence
CAMPOS PLAZA I (NYCHA)	Multi-Family Residence
CAMPOS PLAZA II (NYCHA)	Multi-Family Residence
GOUVERNEUR GARDENS (HDFC CO-OPS)	Multi-Family Residence
KNICKERBOCKER VILLAGE (MITCHELL-LAMA)	Multi-Family Residence
LANDS END I (SECTION 8)	Multi-Family Residence
LANDS END II (SECTION 8)	Multi-Family Residence
LAVANBURG HOMES (NYCHA)	Multi-Family Residence
LOWER EAST SIDE II (NYCHA)	Multi-Family Residence
LOWER EAST SIDE III (NYCHA)	Multi-Family Residence
LOWER EAST SIDE REHAB (NYCHA)	Multi-Family Residence
RIIS HOUSES (NYCHA)	Multi-Family Residence
RIIS HOUSES II (NYCHA)	Multi-Family Residence
SMITH HOUSES (NYCHA)	Multi-Family Residence
TANYA TOWERS (MITCHELL-LAMA)	Multi-Family Residence
TWO BRIDGES HOUSES (SECTION 8)	Multi-Family Residence
TWO BRIDGES TOWER (SECTION 8)	Multi-Family Residence
VILLAGE EAST TOWERS (MITCHELL-LAMA)	Multi-Family Residence
WALD HOUSES (NYCHA)	Multi-Family Residence



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Key Natural and Cultural Assets	
Name	Asset Subcategory
BATTERY PARK CITY BALLFIELDS	Parks and Recreation
BROOKFIELD PLACE PLAZA	Open Space
EAST RIVER ESPLANADE	Parks and Recreation
EAST RIVER PARK	Parks and Recreation
HUDSON RIVER PARK	Parks and Recreation
IRISH HUNGER MEMORIAL	Memorial
LOWER EAST SIDE COMMUNITY GARDENS AND PARKS	Parks and Recreation
MUSEUM OF JEWISH HERITAGE	Museums, Performing Arts Centers, and Stadiums
NATIONAL SEPTEMBER 11 MEMORIAL AND MUSEUM	Memorial
NELSON A. ROCKEFELLER PARK	Parks and Recreation
NEW AMSTERDAM MARKET	Natural and Cultural Resources
PIER 35 ECO-PARK	Parks and Open Space
PIER 42 PARK (UNDER CONSTRUCTION)	Parks and Recreation
POETS HOUSE	Cultural or Religious Establishments
SHOOTING STAR THEATER	Cultural or Religious Establishments
SKYSCRAPER MUSEUM	Museums, Performing Arts Centers, and Stadiums
SOUTH STREET SEAPORT MUSEUM	Natural and Cultural Resources
TEARDROP PARK	Parks and Recreation
TRIBECA PERFORMING ARTS CENTER	Natural and Cultural Resources
WATER STREET PRIVATELY-OWNED PUBLIC SPACES	Open Space



VIII. Appendix III

Asset Maps

Lower Manhattan Planning Area





Health and Social Services Asset Map: Key Emergency Response Assets



Source: NYC Department of City Planning MapPluto, 13v1



Housing Assets Map



Source: NYC Department of City Planning MapPluto, 13v1 *NYCHA: New York City Housing Authority



Vulnerable Populations Map



Source: NYC Department of City Planning MapPluto, 13v1



Economic Assets Map



Source: NYC Department of City Planning MapPluto, 13v1



Infrastructure Systems Asset Map



Source: NYC Department of City Planning MapPluto, 13v1



Natural and Cultural Assets Map



Source: NYC Department of City Planning MapPluto, 13v1