PURPOSE & NEED	Meets Purpose & Need (Yes/No)	DOES CONCEPT MEET PURPOSE & NEED?		
Rating		GOOD	FAIR	POOR
FLOOD RISK REDUCTION	Coastal Storm Surge	Greater than 90% of existing 100 year floodplain area/parcels achieves coastal storm surge flood risk reduction benefits. All critical facilities receives flood risk reduction benefits.	Between 80% and 90% of existing 100 year floodplain area/parcels achieves coastal storm surge flood risk reduction benefits. All critical facilities receives flood risk reduction benefits.	Less than 80% of existing 100 year floodplain area/parcels achieves coastal storm surge flood risk reduction benefits. Some critical facilities receives flood risk reduction benefits.
	Potential to Adapt to Higher Coastal Flood Events [>= 500yr and Sea Level Rise]	Both ends tie in outside the 500 year floodplain; there is space / capacity along the barrier to increase the design elevation.	One end ties in outside the 500 year floodplain; there is space / capacity along the barrier to increase the design elevation. Additional cost associated with achieving 500 year.	Neither end tie in outside the 500 year floodplain; there is space / capacity along the barrier to increase the design elevation. Greatest cost to achieve 500 year.
	Rainfall	Infiltrates (delays) and/or stores and/or discharges > 1M ga of rainfall runoff and/or has a potential to reduce flooding effects from greater than 5-year rainfall event within the study area.	Infiltrates (delays) and/or stores and/or discharges 500K - 1M ga of rainfall runoff and/or has a potential to reduce flooding effects from a 2 year to 5-year rainfall event within the study area.	Infiltrates (delays) and/or stores and/or discharges <500K ga of rainfall runoff and/or has a potential to reduce flooding effects from a less than 2-year rainfall event within the study area.
BUILT ENVIRONMENT/SOCIOECONOMICS	View Corridors	Enhanced views from the city to the water (improves/creates additional view corridors); Little to no impact on views from the city to the water.	Little to moderate impact on views from the city to the water (few barriers over 5' in height).	Many views from the city to the water are blocked (many barriers over 5' tall); visual impact on the city skyline (barriers are visible from NY side of the river.
	Waterfront Access	Maintain or enhance existing pedestrian access to the waterfront (additional opportunities or shorter distance needed to reach waterfront).	Minimal to moderate impacts on existing pedestrian access to the waterfront (little increase in distance needed to walk to get around / over barriers).	Moderate to high impacts on existing pedestrian access to the waterfront (large increase in distance needed to walk from the city to the waterfront, in particular ADA accessible route).
	Potential Community Benefits	Potential to incorporate many new and/or improved amenities to support recreational, commercial and cultural activities.	Potential to incorporate few new and/or improved amenities to support recreational, commercial and cultural activities.	Potential to incorporate no new and/or improved amenities to support recreational, commercial and cultural activities.
	Connectivity / Circulation	Little or no impact on connectivity (vehicles, bike, peds) of the city's street system and/or potential to decrease congestion. No loss in existing parking spaces.	Moderate impacts on connectivity (vehicles, bike, peds) of the city's street system. Loss in some parking spaces.	Moderate to heavy impacts on connectivity (vehicles, bike, peds) of the city's street system. Loss in major parking spaces.
	Environmental Justice Populations	Protects the greatest number of low-income/ minority communities as compared to other concepts.	Protects a moderate number of low-income/ minority communities as compared to other concepts.	Protects least number of low-income/ minority communities as compared to other concepts.
CONSTRUCTION/MAINTENANCE & OPERATION	Constructability	Not too complex. No major need to relocate major infrastructure and no major disruption to business operation/ public access during construction.	Moderately complex. Some need to relocate major infrastructure and/or some major disruption to business operation/ public access during construction.	Complex. Need to relocate major infrastructure and/or major disruption to business operation/ public access during construction.
	Construction Duration	High probability that construction duration will meet project requirements. No complex permitting issues.	Medium probability that construction duration will meet project requirements. Moderately complex permitting issues.	Low probability that construction duration will meet project requirements. Permitting requirements are significant.
	Maintenance & Operation for Overall System	Maximum permanent structures with fewer deployable structures. Lower ongoing operation and maintenance costs. Reduced potential for human error.	More deployable structures. Moderate ongoing operation and maintenance costs. Moderate potential for human error.	Many deployable structures. High ongoing operation and maintenance costs. Higher potential for human error.
ENVIRONMENTAL IMPACTS (BASED ON DATA GATHERED TO DATE)	Hazardous Waste	Number of potentially contaminated sites based on desktop data collection.		
	Wetlands Permitting (Yes / No)	Presence of wetlands in Project Area.		
	Essential Fish Habitat	Presence of Essential Fish Habitat in Project Area		
	Threatened & Endangered Species (Yes / No)	Presence of threatened/endangered species in Project Area.		
	USACE 404 Permits (Yes / No Hudson River Waterfront)	Are USACE permits required?		
	Historic Properties	Are historic properties/districts directly impacted?		
	Archaeological Resources	No archaeological potential (prior ground disturbance demonstrated).	Low archaeological potential (prior ground disturbance cannot be demonstrated but the potential exists for archaeological resources to be encountered).	High archaeological potential (significant probability for encountering archaeological resources).
BENEFIT - COST ANALYSIS	Benefits	High potential to achieve maximum monetary benefits including flood risk reduction, co-benefits and others.	Moderate potential to achieve monetary benefits including flood risk reduction, co-benefits and others.	Less potential to achieve monetary benefits including flood risk reduction, co-benefits and others.
	Costs	Overall Costs are low.	Overall Costs are moderate.	Overall Costs are high.
	Benefit / Cost Ratio	Overall BCR has the high potential to be greater than 1.0.	Overall BCR has moderate potential to be greater than 1.0.	Overall BCR has a low potential to be greater than 1.0.