

UMB Resiliency Strategies Matrix

12/6/2016

STRATEGY COMPONENTS

Strategy Objective Policy

STATUS OF COMPLETION TO DATE

Ex. Cond. Inventory ID Deficit Set Goals Notes/Remarks

Strategy	Objective	Policy	Ex. Cond. Inventory	ID Deficit	Set Goals	Notes/Remarks
D- Flooding & Hurricane Preparedness						
1-	Raise electrical infrastructure					
	1a- Identify outdated elements		x of y total	x	all x replaced by _	see E.1 below re substations
2-	Basement Sump Pumps					
	2a- Assess age/condition: # outdated?		x of y total	x	all x replaced by _	
	2b- Develop life/cycle replacement plan		x1, x2, x3		replacement dates	for each phase
3-	Roof Drains					
	3a- Assess age/condition: # outdated?					
	3b- Develop life/cycle replacement plan					newly suggested so just starting
E- Redundancy Planning						
1-	Create redundant electrical supply					
	1a- Build 2 new substations, fed separately		1	1	2 new by 2025	design in 2017; construction start 2018?
2-	Build campus communication redundancy					
	2a- Servers in separate IT locations		1 location?	1	2 locations by 2018	601 W Lombard & 300 W Lexington
	2b- Maintain/strengthen fire alarm redundancy		being assessed	?		
	2c- Separate repeaters for radio communications		2 locations	none?	maintain & monitor	655 W Baltimore & 220 N Arch
F- Mitigate the Urban Heat Island effect on campus						
1-	Increase tree canopy coverage on campus					
	1a- Enlarge undersized tree pits		complete			
	1b- Increase # of trees on campus by 10% by 2021		In progress		8/1/2017	
	1c- Swap columnar with larger canopy trees		In progress		8/1/2017	
2-	Increase the amount of green space on campus					
	2a- ID underutilized hardscape for conversion		In progress		4/1/2017	
	2b- Add pocket parks into campus master plan		In progress		4/1/2017	
3-	Improve reflectivity of roofs & parking lots					
	3a- ID roofs to improve & strategies		In progress		Unknown	
	3b- ID parking lots to improve & strategies		In progress		Unknown	
G- Community Resiliency Leadership Network						
1-	ID lead community contacts & coordinate actions					
	1a- ID who these leaders are		4 groups			
	1b- Meet/confirm their willingness to participate		done?			also check city & state as 2 more groups
2-	ID/evaluate current plans in place					
	2a- Research all these current plans		requested		11/15/2016	
	2b- Evaluate these & find coordination opportunities		after received		12/1/2016	plans requested from partners;BJ will follow-up
3-	Develop a coordinated plan & implementation guide					
	3a- Prepare a coordinated resiliency community plan		after 2 completed			
	3b- Set method for regular communication & quick response		after 2 completed			

KEY

completed
in progress
no progress