

Public Hazard Analysis					
Reference Document X.9.1					
	Construction Activity	Public Hazards <small>Provide: List of Hazards Associated with the Construction Activity</small>	Potential Consequence <small>Provide: List of Consequences -</small>	Likelihood <small>High/Med/Low</small>	Risk Mitigation Strategy <small>Provide: List of Strategies -</small>
1	Existing Utility Tie-in	Striking existing utilities Striking unknown or unmarked utilities Proximity to existing buildings Walking surfaces	Damage to existing utilities may cause outages in nearby buildings Injury Pollution if utility is struck Exposed Excavations/trenches	M M M M	Hand Dig within 2 ft of existing utilities Pot holing to uncover existing utilities Call in locates for existing utilities Trench plates and hole covers to be utilized where necessary
2	Concrete Curb Replacement	Road closures/redirectioned roadways Sidewalk closure Redirectioned walking paths Walking Surfaces	Traffic Disregard for signage/lack of clarity on signage Directing pedestrians to an area that presents new hazards Slips, trips, falls	M M M M	Ensure traffic control measures are in place Provide barricades Ensure redirectioned paths are free from tripping hazards Maintain good housekeeping Signage is clear and available in multiple languages
3	Off Hauling of Spoils	Operation of heavy equipment Track out Dust Road closures/redirectioned roadways	Noise Public Complaints Pollution Traffic	M M M M	Follow city hours of construction Wheel wash, rumble plates, or quarry spalls at entrances and exits Water truck to wet drive paths if dusty Ensure traffic control measures are in place
4	Offloading of large equipment	Operation of heavy equipment Road closures/redirectioned roadways Falling objects Overhead obstructions	Noise Lack of barricading could allow for unwanted vehicles or persons entering the area Crushing/striking injury Damage to trees, powerlines, existing structures	M M M M	Follow city hours of construction Signage/ traffic control Restricted access zones Inspect area prior to start of work/maintain proper distance from overhead obstructions Mark overhead obstructions
5	Street Paving	Road closures/redirectioned roadways Sidewalk Closure Redirectioned Walking Paths Noise Vibration Walking Surfaces	Lack of barricading could allow for unwanted vehicles or persons entering the area Disregard for signage/Lack of clarity on signage Directing traffic to area that presents new hazards Public Complaints Public Complaints Slips, trips, falls	M M M M L M	Ensure traffic control measures are in place Signage is clear and available in multiple languages Ensure redirectioned paths are free from tripping hazards Follow city hours of construction Provide barricades
6	Foundation Excavation	Striking existing utilities Striking unknown or unmarked utilities Overhead obstructions Noise Dust	Damage to existing utilities may cause outages in nearby buildings Hazardous Materials Pollution if utility is struck Exposed Excavations/trenches	M M L M	Call in locates for existing utilities Hand Dig within 2 ft of existing utilities Pot holing to uncover existing utilities Follow city hours of construction Trench plates and hole covers to be utilized where necessary
7	Crane Erection	Road closures/redirectioned roadways Sidewalk closure Redirectioned walking paths Overhead obstructions Falling objects	Lack of barricading could allow for unwanted vehicles or persons entering the area Disregard for signage/Lack of clarity on signage Walking Surface (Slips, trips, falls) Damage to trees, powerlines, existing structures Crushing/striking injury	M M M M L	Ensure traffic control measures are in place Signage is clear and available in multiple languages Ensure redirectioned paths are free from tripping hazards Inspect area prior to setup/maintain proper distance from overhead obstructions Mark overhead obstructions Restricted access zones
8	Concrete Slab Placement	Road closures/redirectioned roadway traffic Noise Redirectioned Walking Paths Overhead obstructions	Lack of barricading could allow for unwanted vehicles or persons entering the area Public Complaints Directing traffic to area that presents new hazards Damage to trees, powerlines, existing structures	M M M M	Traffic Control/barricades Follow city hours of construction Ensure redirectioned paths are free from tripping hazards Maintain good housekeeping Inspect area prior to setup/maintain proper distance from overhead obstructions