

VEHICULAR & PEDESTRIAN HAZARD ASSESSMENT

No.	Hazard:	Project Phase:	Vehicular Impacts:	Mitigation Methods:	Pedestrian Impacts:	Mitigation Methods:
1	Building demolition	Demolition	Debris may fall off building, damaging vehicles.	Close sidewalks adjacent to site, moving vehicles farther away from potential debris.	Debris may fall off building, injuring pedestrians.	Close sidewalks adjacent to site, moving pedestrians to opposite side of street.
2	10 m deep excavation	Excavation	Vehicles may enter project site and fall down excavation.	Place F-Type concrete barriers around entire project site.	Pedestrians may enter project site and fall down excavation.	Place F-Type concrete barriers around entire project site.
			Vehicle weight may surcharge excavation, causing excavation wall failure.	Close sidewalks adjacent to project site, moving vehicles farther away from excavation.		
3	Rock Blasting	Excavation	Blasted rock projectiles may strike vehicles.	Close sidewalks adjacent to site, moving vehicles farther away from blasted rock.	Blasted rock projectiles may strike pedestrians.	Install solid plywood hoarding along rigid fence adjacent to blasting zone.
4	Snow & Ice Clearing	All Phases	Vehicles may become stuck in snow or slip on ice.	The contractor shall remove all snow on temporary sidewalks and within the loading area and will not dump onto public property (HRM Right-of-Way).	Pedestrians may become stuck in snow or slip on ice.	The contractor shall remove all snow on temporary sidewalks and shall salt sidewalks to prevent ice buildup.
5	Construction Waste	All Phases	Vehicles may strike or be struck by construction waste.	The contractor shall keep the project site and surrounding areas clean and free of construction debris.	Pedestrians may strike or be struck by construction waste.	The contractor shall keep the project site and surrounding areas clean and free of construction debris.
6	Vehicular & Pedestrian Activities	All Phases	Drivers and pedestrians may become confused or impatient with construction activities. Pedestrians may walk in unmarked crosswalks or in vehicular travel areas. Drivers may fail to obey traffic signage.	Vehicular and pedestrian signage will be posted prominently around the project site to facilitate pedestrian movement. Notification will be sent prior to all traffic interruptions.	Drivers and pedestrians may become confused or impatient with construction activities. Pedestrians may walk in unmarked crosswalks or in vehicular travel areas. Drivers may fail to obey traffic signage.	Vehicular and pedestrian signage will be posted prominently around the project site to facilitate pedestrian movement. Notification will be sent prior to all traffic interruptions.
7	Heavy Machinery Operation	All Phases	Heavy machinery or vehicles may break down or overturn, damaging other vehicles.	The contractor shall maintain safe distances between vehicles and heavy machinery on-site. F-Type barriers will be installed to separate construction vehicles from public traffic.	Heavy machinery or vehicles may break down or overturn, injuring pedestrians.	The contractor shall maintain safe distances between pedestrians, vehicles, and heavy machinery. Rigid fences will be installed to separate construction vehicles from pedestrians.
			Heavy machinery or vehicles may overturn due to uneven terrain, damaging other vehicles.	The contractor shall maintain safe distances between vehicles and heavy machinery on-site and ensure travel routes are kept flat.	Heavy machinery or vehicles may overturn due to uneven terrain, injuring pedestrians. Pedestrians may walk on uneven terrain causing them to twist their ankles or fall.	The contractor shall maintain safe distances between pedestrians, vehicles, and heavy machinery and ensure travel routes are kept flat.
8	Project Site Lines	All Phases	Fences and signs may impact vehicular site line visibility.	Fences will be curved such that vehicles can see around corners at intersections. Signs will be placed such that they do not extend into vehicle and pedestrian routes.	Fences and signs may impact vehicular site line visibility causing drivers to be unaware of pedestrians.	Fences will be curved such that vehicles can see around corners at intersections. Signs will be placed such that they do not extend into vehicle and pedestrian routes.
9	Construction Signage	All Phases	Construction signage may strike vehicular traffic.	Construction signage will be securely fixed to existing poles, temporary concrete sign bases, or rigid fences.	Pedestrians may walk into construction signage, including traffic signage, pedestrian management plan renderings, wayfinding signs, etc. may.	Signage will be angled in line with pedestrian routes and/or be placed at heights such that they do not pose a risk to pedestrians.
					Construction signage may strike pedestrians.	Construction signage will be securely fixed to existing poles, temporary concrete sign bases, or rigid fences.
10	Dangerous Materials	All Phases	Flammable, explosive, & hot materials may damage vehicles if not properly maintained & stored.	The contractor will use and store dangerous materials properly as per manufacturers' specifications.	Flammable, explosive, & hot materials may injure pedestrians if not properly maintained & stored.	The contractor will use and store dangerous materials properly as per manufacturers' specifications.
11	Rodent Control Devices	All Phases	Vehicles may drive over and strike rodent control devices.	Rodent control devices will be placed outside vehicular travel ways and be securely fixed or weighted to prevent unintended movement.	Bait may poison pedestrians if consumed.	Bait will remain securely fixed inside traps and catch basins, out of reach of the public and pets.
					Pedestrians may trip over rodent control devices.	Rodent control devices will be placed outside pedestrian travel ways and be securely fixed or weighted to prevent unintended movement.
12	Hoisting Operations	Superstructure	Precast concrete panels and other items hoisted may fall from heights and damage vehicles.	Proper hoisting and lifting techniques will be used to ensure that materials do not fall from heights. F-Type concrete barriers will be installed such that loads are never suspended above the public realm.	Precast concrete panels and other items hoisted may fall from heights and injure pedestrians.	Proper hoisting and lifting techniques will be used to ensure that materials do not fall from heights. Temporary sidewalks will be installed such that loads are never suspended above the public realm.
13	Reinstatement of Public Infrastructure & Service Installation	Superstructure	Heavy equipment and hot concrete used during public infrastructure reinstatement and service installation may cause damage to vehicles.	The contractor shall maintain safe distances between vehicles and heavy machinery on-site. F-Type barriers will be installed to separate construction vehicles from public traffic during public infrastructure reinstatement and service installation.	Heavy equipment and hot concrete used during public infrastructure reinstatement may injure pedestrians.	The contractor shall maintain safe distances between pedestrians, vehicles, and heavy machinery. Sidewalks adjacent to the public infrastructure reinstatement and service installation.
14	Fallen debris	Superstructure	Debris may fall from upper stories of the new building causing damage to vehicles.	F-Type concrete barriers will be installed such that a safe distance is maintained between the building envelope and vehicular traffic.	Debris may fall from upper stories of the new building injuring pedestrians.	Temporary sidewalks will be installed such that a safe distance is maintained between the building envelope and pedestrians.

Company A Representative: _____
 Contractor Z Representative: _____
 Consultant Q Representative: _____

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