

(Q.4) Functional Category Guide

The guide below is intended to assist municipalities in selecting the most appropriate **functional category** under Question 4 of the MSI capital application. In general, the category should reflect the function *or* service that the capital asset is supporting.

Functional Category	Related assets include:	Additional considerations
Airports	<ul style="list-style-type: none"> › access roads › airport buildings, terminals, and storage areas/ sheds › airport weather systems › fencing and drainage › fuel tanks › development areas › geographic information systems › lighting › navigation equipment › primary and secondary runways, cross-wind runways, runway extensions › primary taxiway from main/terminal apron to runway, taxiways, aprons 	
Ambulance and First Aid	<ul style="list-style-type: none"> › ambulance stations › fixed central communications and information management hardware and software integral to ambulance service delivery › ground ambulances (as well as basic on-board equipment) › hospital helipads 	
Common and Equipment Pool	<ul style="list-style-type: none"> › asphalt curber/distributor/paver › backhoes, bobcats, skid steer › dump trucks, flusher trucks, gravel trucks, sanding trucks, vacuum trucks › excavator, graders, loaders › fuel storage tanks › fuel trucks › ice resurfacers (e.g., Zamboni) › oil tankers › sidewalk clearing machines, street sweepers, snow plows › tractors, tractor/riding mowers, tractor/vehicle-mounted equipment › trailers › utility vehicles (e.g., Kushman, John Deere) 	<p>Buildings or equipment used to maintain a particular asset should be assigned to the functional category associated with that asset, <u>not</u> here under Common and Equipment Pool.</p> <p>e.g.,</p> <ul style="list-style-type: none"> › sewer cameras should be assigned to Wastewater › fuel storage tanks for emergency services should be assigned to Disaster and Emergency Services; whereas, fuel storage tanks for airports should be assigned to Airports › vehicle hoists for public works shops should be assigned to General Government and Administration

Functional Category	Related assets include:	Additional considerations
Disaster and Emergency Services	<ul style="list-style-type: none"> › dangerous good spill recovery tankers and related equipment › disaster/emergency equipment vehicles and personnel carriers › emergency operations/disaster centres › emergency power generators (stationary/portable) › emergency response telephone systems › emergency vehicle storage and administration facilities › fixed central communications and computerized information management hardware/software integral to disaster and emergency services › fuel storage tanks for emergency service vehicles/equipment › mobile command post vehicles › multiservice emergency response facilities › rescue vans/trucks › rural signage systems › wildland equipment trailers 	
Fire	<ul style="list-style-type: none"> › fire equipment vehicles and personnel carriers › fire hydrants › fire stations/halls › fire training facilities › fixed central communications and information management hardware and software integral to fire service delivery › protective equipment (breathing apparatus) › specialized fire-fighting and rescue vehicles (pumper trucks, rapid attack trucks aerial trucks, water delivery tankers, tanker shuttles) 	

Functional Category	Related assets include:	Additional considerations
General Government and Administration	<ul style="list-style-type: none"> › administration building › city/town/village halls › entrance/welcome signs › internet networks/ infrastructure › maintenance equipment buildings › operational services buildings › public works buildings › sand and salt storage sheds 	<p>Buildings or equipment used to maintain a particular asset should be assigned to the functional category associated with that asset, <u>not</u> Common and Equipment Pool.</p> <p>e.g.,</p> <ul style="list-style-type: none"> › vehicle hoists for public works shops and air conditioning units for administration buildings should be assigned here, under General Government and Administration <p>Internet networks/ infrastructure related to infrastructure management systems should be assigned to Infrastructure Management Systems, <u>not</u> General Government and Administration.</p>
Infrastructure Management Systems	<ul style="list-style-type: none"> › capital planning software › computer hardware/software to facilitate MIMS or other infrastructure management systems, collection and input of data › geographic information systems › infrastructure management plans 	<p>Internet networks/ infrastructure related to infrastructure management systems should be categorized here under Infrastructure Management Systems, <u>not</u> General Government and Administration.</p>
Libraries	<ul style="list-style-type: none"> › libraries 	<p>Parking lots/ facilities associated with libraries should be categorized here under Libraries, <u>not</u> Roadways and Bridges.</p>
Other	<ul style="list-style-type: none"> › affordable housing › animal control facilities, animal shelters, veterinary clinics › seniors lodges › schools 	

Functional Category	Related assets include:	Additional considerations
Other Community and Recreation	<ul style="list-style-type: none"> > agriplexes > amphitheaters > art galleries > cultural/community centres > community halls > convention/trade centres > exhibition buildings > historical buildings, designated local heritage sites > museums > performing arts facilities > science centres > tourist facilities > zoos 	<p>Parking lots/ facilities associated with community facilities should be categorized here under Other Community and Recreation, <u>not</u> Roadways and Bridges.</p>
Parks, Recreation and Sports Facilities	<ul style="list-style-type: none"> > arenas > aquatic centres > baseball diamonds > beaches > boat launches, docks, piers, public wharves > campgrounds > golf courses > playgrounds/equipment > public bathrooms independent of, but associated with a park/facility > recreation and sports facilities > recreation ground sheds > recreational vehicle parks > skating and curling rinks > ski areas > spray parks > swimming pools, pool filtration systems > trail systems and walkways > water parks 	<p>Recreational trail systems and cross bridges not integrated with a road system should be categorized here under Parks, Recreation and Sports Facilities, <u>not</u> Roadways and Bridges.</p>

Functional Category	Related assets include:	Additional considerations
Police	<ul style="list-style-type: none"> › fixed central communications and information management hardware and software integral to police service delivery › police stations › police training facilities 	
Public Health and Welfare	<ul style="list-style-type: none"> › cemeteries › daycares › family and community support facilities › medical centres › physician residence › seniors centres › youth centres 	
Public Transit	<ul style="list-style-type: none"> › bus turnouts › LRT lines › LRT maintenance facilities › LRT station structures › park and ride facilities › public transit terminals › LRT vehicles, “low-floor” standard and articulated buses, accessible community public transit vehicles, specialized transit vehicles for seniors and/or persons with disabilities › major capital transit security devices (security cameras), communication equipment, and other public safety enhancements › system-wide capital transit improvements › transit garages › transit-stop retrofit programs 	

Functional Category	Related assets include:	Additional considerations
Roadways and Bridges	<ul style="list-style-type: none"> › commuter bikeways › gravel pits/supplies › infrastructure systems planning reviews › lighting and energy efficient retrofitting (street lights) › manhole structures › noise attenuation devices › parking lots/facilities › pedestrian signals › pedestrian trails (along roads/across bridges) › railway or LRT grade separations › road temperature sensors › roadway crossings › roadways, bridges and related structures › sidewalks (curbs, ramps) › snow dump sites/ snow storage facilities › storm drainage (curbs, gutters) › traffic control signals › traffic management projects (major intersection improvements, major traffic signal coordination) › transportation studies (to address environmental and/or safety concerns) › utility relocations 	<p>Parking lots/facilities associated with a particular asset, should be assigned to the functional category related to that asset.</p> <p>e.g.,</p> <ul style="list-style-type: none"> › library parkades should be assigned to Libraries › community hall parking lots should be assigned to Other, Community and Recreation <p>Projects involving the installation of culverts along with other road-related work should split costs between two categories if possible: Roadways and Bridges, and Storm Sewer.</p> <p>Recreational trail systems and cross bridges not integrated with the road system should be assigned to Parks, Recreation and Sports Facilities.</p>
Solid Waste Management	<ul style="list-style-type: none"> › landfill compactors, material handlers, solid waste loaders › organics management systems/wet-dry recycling › recycling/material recovery facilities › shredders › solid waste/recycling collection container systems › sorting tables › thermal treatment systems › waste collection depots › waste disposal landfills › waste management transfer stations › waste transfer vehicles (garbage trucks, tractor loader for landfill, tractor to transport solid waste) 	

Functional Category	Related assets include:	Additional considerations
Storm Sewer	<ul style="list-style-type: none"> › culverts › outfall storm sewers › storm sewer collection lines, including service lines and catch basins › storm water ditches (new construction and relocation of existing structures) › storm water/waterway flooding containment structures › storm water retention ponds › storm water treatment facilities 	<p>Projects involving the installation of culverts along with other road-related work should split costs between two categories if possible: Roadways and Bridges, and Storm Sewer.</p>
Water	<ul style="list-style-type: none"> › leak detection equipment › raw-water supply lines › storage facilities (reservoirs) and related works › treated-water supply lines › water distribution system extensions, betterment and replacement › water distribution trucks, water service trucks › water mains › water meters (municipally-owned) › water treatment facilities › water quality management and monitoring systems (SCADA) › water valves › water wells 	<p>Industrial quality control systems (e.g. SCADA) related to water systems should be categorized here under Water.</p>
Wastewater	<ul style="list-style-type: none"> › lagoons › outfall sewers › sewage collection system extensions, betterment and replacement (including service mains to property line) › sewer cameras › sewer lines (including lines from collection system to treatment facility) › wastewater lift stations › wastewater pumping facilities › wastewater service trucks › wastewater treatment facilities 	<p>Industrial quality control systems (e.g. SCADA) related to wastewater systems should be categorized here under Wastewater.</p>