

**WAC 296-17A-0201 Classification 0201.**

**0201-01 Bridge, trestle, overhead crossing and viaduct: Construction, maintenance and repair**

Applies to contractors engaged in the construction, maintenance or repair of bridges, trestles, overhead crossings and viaducts including the foundations and approaches. These types of structures provide a series of spans or arches, or a type of vertical and horizontal framework for a road or railroad passage over an obstacle such as a waterway, wide valley, other roads, or railroads. Work contemplated by this classification includes the construction of approaches, abutments, foundation supports, framework, and includes all concrete, iron or steel, timber, or carpentry work to completion of the project. The approach is the area of ground or roadway built up just before entering onto a structure such as a bridge or trestle. The abutments are the reinforced foundation supports at the end of the approach which will bear much of the weight for the structure. The erection of the structure usually begins at both ends of the approaches and abutments and gradually continues toward the center of the structure. This classification includes activities such as, but not limited to, the placement and securing of piles, beams and members by way of boom or crane, forming columns, piers and supports, tying reinforcing steel, set-up and tear down of forms, pouring and finishing of concrete, installing precast deck supports, decking slabs and nonstructural members, constructing the retaining walls, erecting iron railings, and the installation of suspension cables and cable clamps. This classification also includes shaft sinking, pile driving, caisson and cofferdam work as it is considered an integral part of the structure's foundation and support.

This classification excludes asphalt surfacing/resurfacing on roadways which is to be reported separately in classification 0210 and concrete paving which is to be reported separately in classification 0214.

**Special note:** Care should be exercised prior to assignment of this classification as the workers could be subject to federal laws covered by the Jones Act or by the U.S. Longshore and Harbor Workers Act. A detailed description of these acts can be found in classifications 0104 or 0202.

**0201-04 Breakwater, jetty, levee: Construction, maintenance and repair**

Applies to contractors engaged in the construction, maintenance or repair of a jetty, levee or breakwater. These types of barriers or embankments are very similar to a dike, but involve substantially more construction in that they usually begin away from the water and extend into a body of water and are sometimes used as protection for a harbor to prevent adverse currents from interfering with shipping. Work contemplated by this classification involves building, protecting and/or filling in an embankment or barrier of a river, harbor or other body of water. The predominant activity involves earth moving or placing of fill or other material. This classification includes, but is not limited to, clearing of land, excavation, filling, and grading and involves earth moving equipment such as, but not limited to, drag lines, graders, scrapers, bulldozers, and dump trucks. Materials include, but are not limited to, dirt, sand, stones or boulders, concrete piles, timber or heavy timber cribbing filled with stones or boulders. Often, the barrier or embankment being built is seeded or paved in part with asphalt, concrete, soil, or cement to assist in strengthening the structure.

This classification excludes pile driving operations in connection with jetty, levee and breakwater operations which are to be reported separately in classification 0202, and asphalt surfacing/resurfacing which is to be reported separately in the classification applicable to the work being performed.

**Special note:** Care should be exercised prior to assignment of this classification as the workers could be subject to federal laws covered by the Jones Act or by the U.S. Longshore and Harbor Workers Act. A detailed description of these acts can be found in classifications 0104 or 0202.

**0201-05 Bulkhead retaining walls: Construction, maintenance and repair, riprapping - All water hazard**

Applies to contractors engaged in the construction, maintenance or repair of a bulkhead. A bulkhead is a wall or embankment constructed to protect against potential problems such as earth slides, erosion of banks alongside water, or excessive increases in the water level. Work contemplated by this classification involves building, protecting and/or filling in a wall or embankment of a river, harbor or other body of water, or other areas of land. The predominant activity involves earth moving or placing of fill or other material. This classification includes, but is not limited to, clearing of land, excavation, filling, and grading. Equipment used by contractors subject to this classification includes, but is not limited to, drag lines, graders, scrapers, bulldozers, and dump trucks. Materials include, but are not limited to, dirt, sand, stones, boulders, concrete piles, timber or heavy timber cribbing filled with stones or boulders. Often, the wall or embankment being built, or if it already exists, is seeded or paved in part with asphalt, concrete, cement, or soil to assist in strengthening the structure. This classification includes riprap work which is a loose assemblage of broken stones erected in water or on soft ground. Such stone serves as a fill-in material to assist with the building of a dike, levee, or bulkhead.

This classification excludes pile driving operations in connection with bulkhead construction operations which is to be reported separately in classification 0202, and asphalt surfacing/resurfacing which is to be reported separately in the classification applicable to the work being performed.

**Special note:** Care should be exercised prior to assignment of this classification as the workers could be subject to federal laws covered by the Jones Act or by the U.S. Longshore and Harbor Workers Act. A detailed description of these acts can be found in classifications 0104 or 0202.

**0201-06 Concrete culverts; aluminum, steel, or other types of culverts over 12 feet**

Applies to contractors engaged in the construction or placement of concrete culverts or other types of culverts greater than twelve feet in diameter. A culvert is a sewer or drain running under a road, embankment, or structure such as a bridge. Culverts can be made of material such as, but not limited to, concrete, aluminum, and galvanized steel. Their primary purpose is to channel excess water away from the road, embankment, or structure to assist in preventing water damage or flooding. Work contemplated by this classification includes excavation, laying of sand or gravel, placement of culverts, and filling in the site.

**0201-08 Tunnels and approaches**

Applies to contractors engaged in the construction of tunnels and approaches including the lining, cofferdam work, shaft sinking, and well digging with caissons. A tunnel is a passage through or under a barrier to be used as a roadway, railway or pedestrian walkway. The approach is the area of ground built up before the entrance of a tunnel or similar type of structure. Work contemplated by this classification includes, but is not limited to, the construction of approaches, shaft sinking, caisson and cofferdam work, boring, the framework or lining, and all concrete, iron or steel, timber, and carpentry work to completion of the project. In some instances, the initial phase of a tunnel project may require that the approaches and abutments be put in place. This may involve extensive excavation and fill work depending on how uneven the terrain is with the proposed tunnel entrances. The abutments are the reinforced foundation supports at the end of the approach and will bear much of the weight at the tunnel entrances. Most often, the abutments will consist of metal beams or concrete with reinforced steel, that are placed vertically, horizontally or at an angle into the ground. The boring of the tunnel may include the removal of earth, rock and water with mechanical equipment, drilling and boring machines, rock drills and chippers, explosives, well drilling with caissons, and the need for pumps and drains piped to the outside of the bore. Occasionally, a cofferdam is erected which is a temporary structure from which water can be pumped or sucked to provide a dry work area during construction of the structure. Once the structural support is complete, the cofferdam is taken apart and removed. As the bore progresses steel I-beams are placed and horizontal beams or solid bar stock are bolted or welded for support. Shielding the bore between the I-beams requires bolting or welding steel plates to the beams. This is followed by filling the gaps between the face of the bore and the shielding with sand or concrete grout. Some tunnels will then be lined with concrete, steel or tile, and lighting, ventilation and drains may be installed.

This classification excludes underground mining operations which are to be reported separately in classification 1702, and asphalt surfacing/resurfacing or concrete paving which is to be reported separately in the classification applicable to the work being performed.

#### **0201-09 Diking, N.O.C.**

Applies to contractors engaged in the construction of dikes not covered by another classification (N.O.C.). A dike is a type of protective barrier or embankment which keeps a body of water such as a river in its proper channel and prevents the erosion of banks. Work contemplated by this classification involves building up and/or protecting the embankment. This classification includes, but is not limited to, earth moving work, assemblage of loose stone or rock, placement of sandbags or concrete piles, fill dirt or broken pieces of concrete, or building of crib work which may be filled in with stone or other types of fill. This classification also applies to diking or ditching work in connection with oil spill clean-up such as alongside a river bank or other shoreline.

This classification excludes pile driving operations which are to be reported separately in classification 0202.

**Special note:** Care should be exercised prior to assignment of this classification as the workers could be subject to federal laws covered by the Jones Act or by the U.S. Longshore and Harbor Workers Act. A detailed description of these acts can be found in classifications 0104 or 0202.

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