



INDOT Prequalification Work Type Descriptions and Requirements

The Indiana Department of Transportation (INDOT) awards contracts for the construction and maintenance of the state highway system. INDOT's letting advertisements include one to three work types (also called Prequalification Codes). A company wishing to bid on a contract must be prequalified for at least one of the advertised work types.

The types of work contracted through INDOT are included in this document, divided into several major groups. These groups contain both major work types, for example A (a), and specialty work types, listed as a four-digit number. A company must have the appropriate equipment, work experience, personnel, and any of the specific requirements listed in this document to be approved for requested work types. If a work type is included in or includes another work type it is noted in italics.

Grading: Grading, Base, Small Structures, Culverts*, Drainage, and Miscellaneous Concrete

- C (a)** **Heavy Grading** *includes C (b) and E (e)*
All types of roadway excavation, embankment, base, small structures, culverts and items incidental to a finished product.
- C (b)** **Light Grading** *includes E (e)*
Same as C (a) but on light sections or small contracts not requiring such quantity or diversity of grading equipment.
- E (e)** **Small Structures, Culverts and Drainage Items** *included in C (a) & C (b)*
This does not include structures included in E (h).
- E (f)** **Surface Masonry and Miscellaneous Concrete** *included in A (a) & A (b)*
Curbs, walks, driveways, crossovers, paved side ditches, grouted riprap and rubble masonry.
- E (h)** **Deep Sewer and/or Excavation**
Other open-pit excavation requiring trench-boxes or unusual equipment, skill or experience.
- 0049 Blasting
Requires Indiana Department of Homeland Security (IDHS) Regulated Explosive Use - Blaster License and Regulated Explosive Use - Operator License.
- 0155 Temporary erosion and sediment control
- 0193 Lightweight engineered fill
- 0265 Placing riprap
- 0290 Sewer and pipe cleaning and lining
- 0292 Sewer televising
- 0430 Wick drains

*According to INDOT specification 101.16, a culvert is a structure not classified as a bridge which provides an opening under the roadway.

Environmental Remediation

- 0047 Asbestos abatement
Requires Indiana Department of Environmental Management (IDEM) Asbestos Contractor License.
- 0163 Hazardous waste site remediation
- 0195 Mine reclamation
- 0388 Underground storage tank removal
Requires Indiana Department of Fire and Building Services (DFBS) Underground Storage Tank Certification.

Construction: Demolition and Site Preparation

E (t) Demolition

- 0115 Dredging
- 0117 Drift removal
- 0180 Hydro-demolition
- 0207 Moving buildings

Asphalt Paving: Pavement, Resurfacing, and Maintenance

B (a) Asphalt Pavement – with Certified Hot Mix Asphalt (HMA) Plant *includes E (b)*

All normal operations of asphalt pavement highway construction. Contractor or contractor affiliated entity owned INDOT certified HMA plant.

E (b) Placing Asphalt Pavement *included in B (a)*

All normal operations of asphalt pavement highway construction without a contractor or contractor affiliated entity owned INDOT certified HMA plant. Contractor may bid B (a) contracts by submitting certification, along with Bidders and Plan-Holders Form, that HMA from an INDOT certified plant is commercially available for specific contract(s) or for term of Prequalification Certificate. The certification must be in the possession of the Prequalification Engineer and the Contract Administration Division's Customer Service Section by the close of business at least one business day prior to any letting for eligibility to bid B (a) contracts.

E (r) Asphalt Pavement Milling

- 0085 Clean and seal cracks and joints in PCCP and asphalt pavement
- 0194 Pavement sealing: Microsurfacing
- 0196 Pavement High Friction Surface Treatment (HFST)
- 0230 Pavement grooving, scarification and rumble strips
- 0235 Pavement incidentals
- 0271 Full depth reclamation of asphalt pavement
- 0286 Recycling of asphalt pavement
- 0288 Pavement sealing: Slurry seal, fog seal and seal coat (chip and seal)
- 0318 Snow and ice removal
- 0345 Pavement sweeping

Concrete Pavement: Pavement, Resurfacing, and Maintenance

A (a) Concrete Pavement – General *includes A (b), E(f), & E (q)*

All normal operations of PCCP highway construction.

A (b) Concrete Pavement - Limited *included in A (a), includes E(f) & E (q)*

Portland Cement Concrete Pavement (PCCP) highway construction limited to urban locations, pre-graded or unusually light sections.

E (q) Concrete Pavement Repairs *included in A (a) & A (b)*

0085	Clean and seal cracks and joints in PCCP and asphalt pavement
0095	Concrete pavement sawing
0196	Pavement High Friction Surface Treatment (HFST)
0225	Concrete pavement grinding
0230	Pavement grooving, scarification and rumble strips
0235	Pavement incidentals
0243	PCCP cracking and seating
0283	PCCP rubblizing
0284	Recycling concrete pavement
0318	Snow and ice removal
0345	Pavement sweeping
0390	Undersealing

Bridges: Construction and Maintenance of Bridges and Approaches**

D (a)	Highway or Bridge Over Water <i>includes D (b), E (c), E (p) & 0103</i>
D (b)	Highway or Railroad Bridge Over Highway <i>includes E (c) & E (p); included in D (a)</i>
D (c)	Bridge Involving Protection of Railroad Tracks <i>includes E (c) & E (p)</i>
E (c)	Bridge Deck Overlay and Minor Bridge Repair <i>included in D (a), D (b) & D (c)</i>
E (l)	Structural Steel Erection
E (m)	Cleaning and Painting Bridges For bridges constructed before 1995 that have lead based paint require containment. Requires Society for Protective Coatings (SSPC) QP-2 certification.
E (p)	Bridge Deck Sealing <i>included in D (a), D (b) & D (c)</i>

0050	Steel bridge beam heat-straightening
0101	Covered bridges and wood bridges
0103	Three-sided single or multiple box structure classified as a bridge with a length greater than 20 feet, <i>included in D (a).</i>
0140	Epoxy coatings
0145	Epoxy injection
0150	Structural concrete member erection
0245	Pedestrian overpass
0260	Placing reinforcing steel
0270	Pneumatically placed mortar (shotcrete)
0272	Polymeric concrete bridge deck overlay
0275	Post-tensioning
0295	Shear-studs
0296	Bridges and approaches: incidentals
0297	Abrasive blasting
0339	Stay-in-place forms
0340	Structural concrete repair
0341	Bridge expansion joints
0395	Underwater demolition and repair
0998	Cleaning and painting of bridges constructed after 1994. Requires SSPC QP-1 certification.

** According to INDOT specification 101.06, a bridge is a structure, including supports, erected over a depression or an obstruction such as water, highway, or a railway having a track or passageway for carrying traffic or other moving loads, and having a length measured along the center of the roadway of more than 20ft (6.1 m) between under-copings of abutments or extreme ends of openings for multiple boxes.

Construction: Tunneling, Shafts, Drilling, and Boring

- 0092 Concrete drilling and coring
- 0112 Trenchless pipe installation
Auger boring, guided boring, horizontal directional drilling, pipe jacking, pipe ramming, and micro-tunneling.
- 0385 Tunneling and shafts

Landscaping, Mowing, and Erosion Control

- E (i) Permanent Seeding, Sodding, and Top Soil**
 - E (j) Landscaping** *includes 0378*
 - E (n) Vegetation Control**
Requires Office of Indiana State Chemist (OISC) Commercial Applicator Permit Category 6.
 - E (s) Roadside Mowing**
- 0155 Temporary erosion and sediment control
 - 0378 Tree planting *included in E (j)*
 - 0380 Tree trimming and removal

Foundations, Walls, Earth Retention Systems, and Soil Improvement

- 0045 Anchors
- 0076 Rammed aggregate foundations
- 0120 Drilled foundations
Must be on INDOT Office of Geotechnical Services' technically approved drilled foundation contractors list.
- 0130 Dynamic soil compaction
- 0135 Earth retention systems: General
- 0136 Earth retention systems: Cut-walls (top to base construction)
- 0160 Earth retention systems: Gabions
- 0210 Mud/slab jacking
- 0250 Driven piling, includes sheet, shell, timber, concrete, H-piles, and cofferdams
- 0285 Grouting
- 0315 Slurry walls, includes slurry trenches and diaphragm walls (cut-off walls)
- 0325 Soil improvement by means other than by use of additives
- 0330 Soil improvement by mixing of additives to gain desired engineering characteristics
- 0333 Sound barrier wall installation
- 0370 Tiebacks

Traffic Control: Signals, Signs, Markings, and Lighting

- E (a) Traffic Control: Signal Installation** *includes 0165*
Requires International Municipal Signal Association (IMSA) Work Zone Safety Specialist certification and either Traffic Signal Construction Technician Level II certification or Traffic Signal Field Technician Level II certification.
 - E (d) Traffic Control: Sign Installation** *includes 0360*
 - E (g) Traffic Control: Pavement Markings** *includes 0240, 0320, & 0355*
 - E (k) Guardrail, Cable Barrier, Crash Attenuators, and Fence**
Guardrail, guardrail end treatments, cable barrier systems, proprietary crash attenuators, and fence.
- 0048 Advanced traffic management systems
 - 0165 Highway lighting *included in E (a)*

- 0190 Lighting maintenance
- 0240 Pavement markings by hand machine only *included in E (g)*
- 0300 Sign installation except truss signs
- 0320 Snowplowable pavement markers *included in E (g)*
- 0355 Temporary pavement marking *included in E (g)*
- 0360 Temporary signs *included in E (d)*
- 0377 Traffic signal maintenance
Requires IMSA Work Zone Safety Specialist certification and either Traffic Signal Construction Technician Level II certification or Traffic Signal Field Technician Level II certification.
- 0405 Water blasting removal of pavement markings

Utilities and Piping

- 0100 Conduit rodding
- 0137 Electrical transmission and distribution
- 0188 Force mains and lift stations
- 0400 Water and wastewater treatment systems
- 0450 Telecommunication installation and connection

Miscellaneous

- 0189 Litter and Debris Removal
- 0213 Over-height vehicle escort
Requires IMSA Work Zone Safety Specialist certification and either Traffic Signal Construction Technician Level II certification or Traffic Signal Field Technician Level II certification.
- 0215 Railroad construction and maintenance
- 0335 Special coatings and waterproofing systems

Certifications and Licenses

Certification/License Required	Certifying Agency	Website or Agency Contact
Asbestos Contractor License	Indiana Department of Environmental Management (IDEM)	http://www.in.gov/idem/airquality/2581.htm
Cleaning and painting bridges QP-1 and QP-2 Certifications	Society for Protective Coatings (SSPC)	http://www.sspc.org/
Drilled Foundation Contractors technical approved list	INDOT Office of Geotechnical Services	Joey Franzino, Senior Geotechnical Engineer jfranzino@indot.in.gov
Herbicide Commercial Applicator Permit Category 6	Office of Indiana State Chemist (OISC)	http://www.oisc.purdue.edu/
Hot Mix Asphalt (HMA) INDOT Certified Plants	INDOT	http://www.in.gov/indot/div/mt/appmat/pubs/apl06.pdf
Regulated Explosive Use – Blaster or Operator License	Indiana Department of Homeland Security (IDHS)	http://www.in.gov/dhs/3552.htm
Traffic Control: Signal Installation or Maintenance	International Municipal Signal Association (IMSA)	www.imsasafety.org/certify.htm
Underground Storage Tank Certification	Indiana Department of Homeland Security (IDHS)	http://www.in.gov/dhs/3809.htm
Well Drilling License	Indiana Department of Natural Resources (DNR)	http://www.in.gov/dnr/water/6110.htm