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**

- **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**

**D (a) Highway or Bridge Over Water includes D (b), E (c), E (p) & 0103**

**D (b) Highway or Railroad Bridge Over Highway includes E (c) & E (p); included in D (a)**

**D (c) Bridge Involving Protection of Railroad Tracks includes E (c) & E (p)**

**E (c) Bridge Deck Overlay and Minor Bridge Repair included in D (a), D (b) & D (c)**

**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 included in D (a), D (b) & D (c)**

- 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, included in D (a).
- 0140 Epoxy coatings
- 0145 Epoxy injection
- 0150 Structural concrete member erection
- 0245 Pedestrian overpass
- 0260 Placing reinforcing steel
- 0270 Pneumatically placed mortar (shotcrete)
- 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

** 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
- 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
- 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 \textit{included in E (g)}
0300 Sign installation except truss signs
0320 Snowplowable pavement markers \textit{included in E (g)}
0355 Temporary pavement marking \textit{included in E (g)}
0360 Temporary signs \textit{included in E (d)}
0377 Traffic signal maintenance
\begin{itemize}
  \item Requires IMSA Work Zone Safety Specialist certification and either Traffic Signal Construction Technician Level II certification or Traffic Signal Field Technician Level II certification.
\end{itemize}
0405 Water blasting removal of pavement markings

\textbf{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

\textbf{Miscellaneous}

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

\textbf{Certifications and Licenses}

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