



TECHNICAL SPECIFICATIONS
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The following sections of the Technical Specifications are considered to be incorporated into the Contract Document and Specification Manual for this project and can be viewed or printed from the City of Knoxville's website at <http://www.knoxvilletn.gov>

Section	Title	Revision Date
1.0	Mobilization of Forces, Supplies & Equipment	March 2013
2.0	Clearing and Grubbing	March 2013
3.0	Removal of Structures and Obstructions	March 2013
4.0	Grading	March 2013
5.0	Mineral Aggregate Base	January 2017
6.0	Prime Coat	January 2017
7.0	Tack Coat	January 2017
8.0	Bituminous Plant Mix Seal Coat	January 2017
9.0	Bituminous Plant Mix Base	January 2017
10.0	Asphaltic Concrete Surface	January 2017
11.0	Portland Cement Concrete Pavement (Plain)	January 2017
12.0	Concrete Curb, Gutter, and Combined Curb and Gutter	January 2017
13.0	Concrete Sidewalks, Driveways, and Median Strip	January 2017
14.0	Flowable Fill Material (Flowable Mortar)	January 2017
15.0	Concrete	January 2017
16.0	Concrete Masonry Units	January 2017
17.0	Waterproofing	March 2013
18.0	Mineral Aggregate Trail Base and Surface with 5% Portland Cement	January 2017
20.0	Storm Sewers and Pipe Culverts	January 2017
21.0	Underdrains	March 2013
22.0	Manholes, Catchbasins, Inlets, and Junction Boxes	March 2013
23.0	Adjusting Storm Sewer Frames	March 2013
25.0	Rip Rap	March 2013
26.0	Topsoil	March 2013
27.0	Seeding	January 2017
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29.0	Landscape Development, General	March 2013
30.0	Trees	March 2013

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31.0	Erosion Prevention and Sediment Control	August 2013
32.0	Chain Link Fence	March 2013
33.0	Guardrail	January 2017
34.0	Construction Area Traffic Control	May 2018
35.0	Electrical Equipment, Wiring and Installation	March 2013
36.0	Geotextiles	March 2013
37.0	Reworking and Resurfacing Existing Asphalt Pavements	March 2013
38.0	Milling or Grinding of Asphaltic Concrete from Streets	January 2017
39.0	Pavement Markings and Temporary Paint	March 2013
40.0	Retroreflective Preformed Pavement Markings	March 2013
41.0	Painted Pavement Marking	March 2013
42.0	Concrete Ditch	March 2013
45.0	Gabion	January 2017
50.0	Bollards	March 2013
51.0	Linked Chain	March 2013
52.0	Fog Seal	January 2017
53.0	Coal Tar Sealcoat	January 2017
54.0	Hot-Poured Joint and Crack Sealants for Concrete and Asphalt Pavements	January 2017
55.0	Field Drains	March 2013
56.0	Timber Structures	January 2017
57.0	Wire Mesh Mattresses	March 2013
58.0	Adjusting Manholes	March 2013
59.0	Adjusting Valve Boxes	March 2013
60.0	Chain Link Cantilever Slide Gates	March 2013
61.0	Boring & Casing for Storm Sewers	March 2013
63.0	Signage	January 2017
64.0	Painting of Bridge Deck Drainage System	March 2013
65.0	Cleaning Concrete Surfaces	March 2013
66.0	Simulated Stone Surfaces	March 2013
67.0	Micropile Construction	March 2013
68.0	Permanent Soil Nails and Wall Excavation	March 2013
69.0	Permanent Shotcrete Facing and Wall Drainage	March 2013
71.0	Recycled Asphalt Shingles	March 2013