



Texas Department of Transportation Pre-Qualifications

1.0 TRANSPORTATION SYSTEMS PLANNING		# OF STAFF CERTIFIED
1.1.1	Policy Planning	1
1.2.1	Systems Planning	1
1.3.1	Land Planning / Engineering	3
1.4.1	Sub-area / Corridor Planning	5
1.5.1	Feasibility Studies	4
1.8.1	Systems Planning	2
2.0 ENVIRONMENTAL STUDIES		
2.1.1	Traffic Noise Analysis	3
2.2.1	Air Quality Analysis	1
2.3.1	Wetland Delineation	1
2.4.1	Nationwide Permit	1
2.4.2	Individual Permits	1
2.6.4	Biological Evaluations/Assessments	1
2.7.1	Section 4(f) / 6(f) Evaluations	1
2.12.1	Socio-economic and Environmental Justice Analyses	12
2.13.1	Hazardous Materials Initial Site Assessment	1
2.14.1	Environmental Documentation Preparation	2
3.0 SCHEMATIC DEVELOPMENT		
3.2.1	Route Studies & Schematic Design - Major Roadways	8
4.0 ROADWAY DESIGN		
4.2.1	Major Roadway Design	17
4.4.1	Major Freeway Interchanges and Direct Connectors	5
4.5.1	Constructability Review	4



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5.0 BRIDGE DESIGN		# OF STAFF CERTIFIED
5.2.1	Bridge Design	5
5.5.1	Bridge Class Culvert, Non-Bridge Culvert, and Inlet Design	2
7.0 TRAFFIC ENGINEERING AND OPERATION STUDIES		
7.1.1	Traffic Engineering Studies	5
7.3.1	Traffic Signal Timing	3
7.4.1	Traffic Control Systems Analysis, Design & Implementation	2
7.5.1	Intelligent Transportation Systems	2
8.0 TRAFFIC OPERATION DESIGN		
8.1.1	Signing, Pavement Marking and Channelization	10
8.2.1	Illumination	3
8.3.1	Signalization	4
8.4.1	ITS Control Systems Analysis, Design, and Implementation	1
8.6.1	Rail-Highway Design	3
9.0 BICYCLE AND PEDESTRIAN FACILITIES		
9.1.1	Bicycle & Pedestrian Facility Development	2
10.0 HYDRAULIC DESIGN AND ANALYSIS		
10.1.1	Hydrologic Studies	6
10.2.1	Basic Hydraulic Design	10
10.3.1	Complex Hydraulic Design	5
10.4.1	Pump Station – Hydraulic Design	5
10.4.2	Pump Station – Electric	1
10.4.3	Pump Station – Structures	1
10.5.1	Bridge Scour Evaluations and Analysis	1
10.8.1	FEMA Regulations & Permits	1



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11.0 CONSTRUCTION MANAGEMENT		# OF STAFF CERTIFIED
11.1.1	Roadway Construction Management and Inspection	14
11.2.1	Major Bridge Construction Management and Inspection	9
11.3.1	Construction Superintendent	5
11.4.1	Environmental Inspections	4
11.5.1	Construction Scheduling Project Manager	1
11.6.1	Construction Schedule Support - General	1
11.7.1	Construction Schedule Support - Relating to Schedule of Roadway Design	1
11.8.1	Construction Schedule Support - Cons Mgmt of Proj Including Bridges or Multi-Lvl Interchanges	1
12.0 MATERIALS INSPECTION AND TESTING		
12.1.3	Materials Engineering	1
12.1.5	Portland Cement Concrete Placement	1
17.0 FACILITIES ENGINEERING		
17.5.1	Civil Engineering	3
18.0 UTILITY ENGINEERING		
18.2.1	Subsurface Utility Engineering	3
18.3.1	Utility Adjustment Coordination	5
18.4.1	Utility Engineering	5
18.5.1	Utility Construction Management and Verification	5
18.6.1	Utility Management and Coordination Oversight	1