

County Road Maintenance Data

Table 1

Division	County	Total County Maint positions	R a n k	Total County Area Sq. Miles	R a n k	Population	R a n k	Interstate Lane Miles	R a n k	Total Pavement Lane Miles	R a n k	Unpaved Road Miles	R a n k	Maint Expenditures & 17BP Bridge (3 yr Avg.)	R a n k	Snow & Ice Expenditures (3yr Avg.)	R a n k	Snow/Ice Bare Pavement Lane Miles	R a n k	Equipment Use (annual \$ amt)	R a n k	Federal Emergency Expenditures (3 yr avg)	R a n k	Remarks
1	Bertie	28	60	389	67	20,767	82	0	44	1228	57	64	20	\$ 8,043,979	67	\$ 179,900	69	440	39	\$ 753,047	61	299,013	24	split - part paired w/ Martin Hertford
1	Camden	13	97	348	75	10,076	97	0	44	425	99	12	91	\$ 2,956,922	99	\$ 57,277	96	117	96	\$ 328,185	95	31,639	65	share CME w/Paquotank Currituck
1	Chowan	12	98	262	87	14,836	88	0	44	516	94	12	93	\$ 4,431,526	92	\$ 88,027	87	153	90	\$ 272,897	97	52,548	56	share CME w/ Gates Perquimans
1	Currituck	18	85	699	16	24,165	76	0	44	673	85	14	87	\$ 4,906,551	90	\$ 79,635	92	270	68	\$ 375,572	92	236,052	26	share CME w/Pasquotank Currituck
1	Dare	22	75	537	33	34,816	68	0	44	640	89	6	99	\$ 6,676,330	75	\$ 48,770	97	394	48	\$ 533,787	83	15,709,725	1	
1	Gates	18	86	172	100	11,957	93	0	44	665	86	31	54	\$ 6,020,863	77	\$ 107,970	84	168	87	\$ 465,980	87	60,298	52	share CME w/ Chowan Perquimans
1	Hertford	21	77	383	68	24,631	75	0	44	858	79	22	71	\$ 5,472,242	82	\$ 136,087	78	293	66	\$ 602,691	73	136,743	40	share CME w/ part of Bertie
1	Hyde	11	100	340	76	5,718	99	0	44	500	97	32	52	\$ 5,462,302	83	\$ 48,126	98	183	84	\$ 396,489	91	345,576	21	share CME w/ Washington Tyrell
1	Martin	26	64	241	93	24,139	77	0	44	1175	66	32	51	\$ 8,497,092	64	\$ 128,761	79	429	43	\$ 729,078	62	95,014	48	shares CME with part of Bertie
1	Northampton	29	58	461	51	21,521	79	0	43	1166	67	31	53	\$ 6,066,311	76	\$ 183,057	68	437	40	\$ 890,129	53	201,591	32	
1	Pasquotank	17	89	353	74	40,179	62	0	44	729	84	20	75	\$ 5,160,768	87	\$ 86,503	88	175	85	\$ 525,987	84	55,503	54	share CME w/ Camden Currituck
1	Perquimans	15	94	613	24	13,692	90	0	44	647	88	12	92	\$ 4,061,752	94	\$ 85,248	90	97	99	\$ 353,190	94	48,051	58	share CME w/ Chowan Gates
1	Tyrell	12	99	247	91	4,188	100	0	44	375	100	21	73	\$ 2,759,082	100	\$ 41,920	100	121	95	\$ 316,494	96	43,138	59	comined with Washington Hyde
1	Washington	17	91	227	96	12,920	92	0	44	631	90	25	64	\$ 3,888,010	95	\$ 80,170	91	227	75	\$ 701,966	65	157,029	36	share CME w/ Hyde Tyrell
2	Beaufort	36	32	266	85	48,008	55	0	44	1725	36	75	13	\$ 12,914,758	36	\$ 179,643	70	451	34	\$ 923,514	48	794,553	7	
2	Carteret	20	79	337	77	68,151	38	0	44	911	78	9	97	\$ 9,494,223	56	\$ 62,663	94	326	61	\$ 686,351	67	191,889	33	
2	Craven	30	50	709	15	105,080	27	0	44	1603	49	45	35	\$ 9,961,919	52	\$ 175,940	71	434	41	\$ 582,278	76	849,218	6	Shares CME with Pamlico
2	Greene	21	76	652	21	21,435	80	0	44	914	77	15	83	\$ 4,994,863	89	\$ 118,118	83	202	82	\$ 609,288	71	224,688	28	Shares CME with Jones
2	Jones	20	81	471	49	10,615	96	0	44	658	87	15	85	\$ 8,697,429	63	\$ 66,911	93	200	83	\$ 540,071	82	161,350	35	Shares CME with Green
2	Lenoir	25	67	401	61	59,546	45	0	44	1606	48	27	63	\$ 8,871,484	61	\$ 192,288	67	401	46	\$ 604,670	72	95840	47	
2	Pamlico	14	96	827	8	13,208	91	0	44	539	93	25	65	\$ 4,347,208	93	\$ 47,198	99	139	91	\$ 218,753	100	132,004	41	Shares CME with Craven
2	Pitt	48	10	506	42	172,569	14	0	44	2314	22	57	24	\$ 16,811,293	19	\$ 270,111	57	565	18	\$ 1,184,488	28	710,632	11	
3	Brunswick	23	70	847	6	112,701	25	0	44	1689	42	37	43	\$ 15,390,776	27	\$ 118,490	82	585	16	\$ 899,938	50	32,408	64	
3	Duplin	49	9	945	2	60,100	44	112	21	2488	13	24	67	\$ 14,595,808	32	\$ 236,626	62	650	9	\$ 1,060,018	34	110,474	45	
3	New Hanover	23	71	192	99	209,846	8	53	37	1192	62	1	100	\$ 17,530,210	17	\$ 119,732	81	442	38	\$ 576,001	77	32,545	63	
3	Onslow	31	49	763	12	190,187	11	0	44	1873	31	13	90	\$ 14,883,348	29	\$ 162,920	74	517	26	\$ 859,009	55	347,411	20	
3	Pender	30	53	816	9	54,259	52	103	24	1530	51	30	56	\$ 9,243,392	58	\$ 103,778	85	518	25	\$ 944,552	47	114,284	44	
3	Sampson	41	22	870	5	64,121	41	81	28	2998	9	18	81	\$ 15,392,151	26	\$ 321,343	47	605	13	\$ 970,866	42	28,333	67	
4	Edgecombe	31	47	540	32	56,039	50	0	44	1512	52	12	94	\$ 10,879,146	49	\$ 265,534	58	527	24	\$ 1,053,565	35	537734.9167	15	
4	Halifax	40	23	791	10	54,308	51	122	27	1818	32	47	32	\$ 11,946,929	39	\$ 355,670	40	401	45	\$ 1,325,602	26	617,548	13	
4	Johnston	60	3	368	71	174,933	13	241	5	3730	3	19	77	\$ 23,215,365	6	\$ 594,860	29	1316	3	\$ 1,619,150	13	144,298	39	
4	Nash	41	21	553	30	95,728	29	105	23	2348	19	22	69	\$ 15,432,603	25	\$ 410,157	36	615	11	\$ 1,079,661	32	345,067	22	
4	Wayne	39	26	505	43	124,341	23	54	36	2327	20	15	84	\$ 12,413,478	37	\$ 277,717	56	680	8	\$ 1,351,636	23	131,775	42	
4	Wilson	30	56	724	14	82,020	34	113	20	1716	38	18	80	\$ 12,296,121	38	\$ 332,902	44	537	20	\$ 823,191	56	125,899	43	
5	Durham	36	36	492	45	280,921	6	169	12	1807	33	28	59	\$ 14,024,542	34	\$ 456,475	34	558	19	\$ 956,451	44	42,387	60	
5	Franklin	39	25	254	90	61,633	42	0	44	1624	44	31	55	\$ 9,942,038	53	\$ 334,919	43	366	51	\$ 565,676	79	15,866	71	
5	Granville	37	30	392	65	58,036	49	94	26	1620	45	70	15	\$ 14,689,312	30	\$ 331,037	45	364	52	\$ 586,327	75	66,985	51	
5	Person	36	38	428	56	39,394	63	0	44	1269	56	46	33	\$ 8,885,354	60	\$ 234,969	63	219	77	\$ 822,069	57	108,151	46	
5	Vance	26	66	835	7	45,541	58	58	33	983	75	18	78	\$ 5,656,497	80	\$ 353,733	41	244	73	\$ 564,528	80	5,508	75	share CME w/Warren
5	Wake	78	1	532	35	945,143	2	433	3	5723	1	67	16	\$ 41,331,688	1	\$ 937,433	14	1480	1	\$ 1,819,422	8	223,749	29	Split - two county maint engineers
5	Warren	30	55	286	84	20,746	83	42	39	1210	59	55	26	\$ 7,287,444	71	\$ 311,428	50	238	74	\$ 635,422	69	21,696	69	Share CME w/Vance
6	Bladen	28	61	874	4	35,146	67	0	44	1709	39	51	30	\$ 11,024,873	46	\$ 136,226	77	351	57	\$ 586,719	74	21,347	70	
6	Columbus	53	8	937	3	58,107	48	0	44	2417	16	90	9	\$ 19,061,728	14	\$ 228,241	65	342	60	\$ 1,290,276	27	13,389	73	
6	Cumberland	45	14	652	20	331,279	5	182	10	2748	11	23	68	\$ 20,037,938	12	\$ 419,447	35	770	5	\$ 1,954,956	6	22,573	68	
6	Harnett	45	16	595	25	120,900	24	35	41	2300	23	25	66	\$ 15,658,334	24	\$ 301,240	52	396	47	\$ 1,440,888	20	56,381	53	
6	Robeson	54	6	949	1	134,822	22	233	6	3627	4	63	21	\$ 22,768,892	7	\$ 231,440	64	534	22	\$ 2,188,834	4	2,476	76	
7	Alamance	32	43	424	59	153,033	18	128	16	2035	30	19	76	\$ 17,607,383	16	\$ 743,341	25	347	58	\$ 1,527,000	15	1,202,446	5	
7	Caswell	22	74	425	58	23,557	78	0	44	1179	65	41	38	\$ 8,127,737	65	\$ 379,928	37	164	88	\$ 1,147,861	30	31,192	66	
7	Guilford	64	2	646	22	501,058	3	589	2	4262	2	63	22	\$ 35,673,614	2	\$ 2,123,675	4	985	4	\$ 2,444,785	2	5,434,151	2	Split - two county maint engineers
7	Orange	32	46	398	63	138,330	20	144	15	1768	34	28	62	\$ 14,685,005	31	\$ 746,164	24	356	56	\$ 1,352,769	22	701,704	12	
7	Rockingham	47	11	566	27	92,977	30	0	44	2326	21	110	5	\$ 20,468,773	10	\$ 806,672	19	527	23	\$ 1,794,785	10		77	
8	Chatham	39	24	783	11	66,618	40	0	44	2212	26	64	19	\$ 15,975,874	22	\$ 297,845	53	464	32	\$ 958,786	43		77	
8	Hoke	17	87	698	17	49,928	54	0	44	991	74	10	95	\$ 5,376,023	84	\$ 57,817	95	133	93	\$ 441,553	90		77	
8	Lee	17	88	682	18	59,073	47	0	44	1092	70	13	89	\$ 6,698,857	73	\$ 142,058	76	255	70	\$ 446,059	89	48,913	57	share CME w/Moore
8	Montgomery	24	69	492	44	27,828	71	98	25	1327	54	43	36	\$ 11,344,142	43	\$ 125,653	80	362	54	\$ 947,870	46		77	
8	Moore	41	20	474	47	90,414	31	0	44	2120	28	56	25	\$ 16,188,254	20	\$ 240,328	61	442	36	\$ 1,604,479	14		77	Share CME w/Lee
8	Randolph	59	4	255	89	142,471	19	177	11	3475	5	77	12											

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9	Forsyth	45	15	264	86	357,483	4	224	7	2395	17	21	72	\$ 23,531,557	5	\$ 1,937,856	8	725	6	\$ 1,747,320	11		77	
9	Rowan	38	27	553	31	138,252	21	120	17	2450	14	38	41	\$ 11,884,220	40	\$ 470,029	33	690	7	\$ 1,969,827	5		77	
9	Stokes	38	28	408	60	47,026	56	0	44	1706	40	59	23	\$ 9,620,585	55	\$ 801,706	20	429	42	\$ 1,078,211	33		77	
10	Anson	28	59	632	23	26,656	74	0	44	1603	50	37	42	\$ 14,424,968	33	\$ 165,973	73	326	62	\$ 884,394	54		77	
10	Cabarrus	33	42	531	36	183,806	12	57	34	1733	35	17	82	\$ 16,133,049	21	\$ 265,467	59	469	31	\$ 1,514,394	17		77	
10	Mecklenburg	42	19	395	64	962,593	1	699	1	2913	10	13	88	\$ 29,311,895	3	\$ 1,965,570	7	1429	2	\$ 1,516,854	16		77	
10	Stanly	37	31	362	72	60,636	43	0	44	1697	41	30	57	\$ 10,490,866	50	\$ 253,416	60	357	55	\$ 1,869,694	7		77	
10	Union	46	13	524	38	207,896	10	0	44	3195	6	28	60	\$ 17,386,971	18	\$ 174,200	72	471	30	\$ 1,347,222	24		77	
11	Alleghany	27	62	235	95	11,028	94	0	44	766	81	64	18	\$ 5,501,327	81	\$ 667,226	26	226	76	\$ 685,983	68	228,661	27	
11	Ashe	37	29	532	34	27,326	73	0	44	1205	60	196	1	\$ 11,320,898	44	\$ 2,071,910	5	277	67	\$ 1,454,559	19	484,853	17	
11	Avery	24	68	313	81	17,795	86	0	44	572	92	53	29	\$ 4,642,863	91	\$ 2,001,148	6	213	79	\$ 628,607	70	209,536	30	
11	Caldwell	32	44	426	57	82,590	33	0	44	1314	55	81	11	\$ 6,996,063	72	\$ 666,434	27	362	53	\$ 1,024,808	39	341,603	23	
11	Surry	59	5	472	48	73,754	36	145	14	2295	24	50	31	\$ 13,522,492	35	\$ 630,948	28	580	17	\$ 1,391,520	21		77	
11	Watauga	35	40	335	78	52,472	53	0	44	956	76	115	3	\$ 11,676,483	41	\$ 2,437,606	3	265	69	\$ 997,729	41	144,881	38	
11	Wilkes	54	7	754	13	69,625	37	0	44	2356	18	186	2	\$ 18,487,150	15	\$ 871,601	18	464	33	\$ 2,259,109	3	728,485	9	
11	Yadkin	27	63	247	92	38,204	64	55	35	1445	53	32	49	\$ 6,696,800	74	\$ 369,949	38	410	44	\$ 555,660	81		77	
12	Alexander	22	73	574	26	37,361	65	0	44	1090	71	41	37	\$ 7,998,541	68	\$ 281,380	55	114	97	\$ 770,387	59		77	
12	Catawba	32	45	399	62	155,353	17	79	29	2258	25	14	86	\$ 15,331,854	28	\$ 337,476	42	511	27	\$ 1,049,813	37	595,401.28	14	
12	Cleveland	36	34	464	50	97,800	28	33	42	2435	15	40	40	\$ 15,661,235	23	\$ 318,272	48	480	29	\$ 1,007,711	40		77	
12	Gaston	29	57	356	73	208,704	9	116	18	2203	27	9	96	\$ 19,368,776	13	\$ 314,059	49	503	28	\$ 785,374	58		77	
12	Iredell	43	17	298	82	163,189	16	245	4	3057	8	91	8	\$ 20,443,095	11	\$ 784,936	22	627	10	\$ 1,108,118	31		77	
12	Lincoln	19	83	260	88	79,512	35	0	44	1615	47	8	98	\$ 8,763,861	62	\$ 95,714	86	307	64	\$ 463,921	88	439,280.58	18	
13	Buncombe	46	12	657	19	245,228	7	215	8	2639	12	72	14	\$ 22,457,137	8	\$ 2,526,523	2	614	12	\$ 3,320,954	1	243,082.29	25	
13	Burke	36	33	221	97	90,051	32	106	22	1718	37	34	47	\$ 11,278,297	45	\$ 799,445	21	535	21	\$ 755,308	60	84,115.83	49	
13	Madison	36	37	313	80	21,092	81	66	32	1184	64	97	7	\$ 8,081,526	66	\$ 2,586,076	1	346	59	\$ 1,335,447	25	1,872,562.61	3	share CME w/Yancey
13	McDowell	30	52	441	55	45,269	59	115	19	1213	58	32	50	\$ 9,406,102	57	\$ 880,868	17	442	37	\$ 726,504	63	37,761.79	62	share CME w/Mitchell
13	Mitchell	19	84	564	28	15,397	87	0	44	576	91	37	44	\$ 5,292,952	86	\$ 896,474	16	215	78	\$ 497,804	86	180,014.15	34	share CME w/McDowell
13	Rutherford	30	54	450	53	68,032	39	0	44	2069	29	54	28	\$ 11,553,063	42	\$ 481,918	32	449	35	\$ 1,052,242	36		77	
13	Yancey	23	72	507	41	17,857	85	0	44	738	83	33	48	\$ 5,833,456	78	\$ 1,300,047	10	173	86	\$ 898,962	51	204,668	31	share CME w/Madison
14	Cherokee	35	39	215	98	27,512	72	0	44	1147	68	55	27	\$ 7,331,358	69	\$ 761,873	23	247	72	\$ 923,275	49	77,548	50	share CME w/Graham
14	Clay	16	92	516	39	10,729	95	0	44	455	98	20	74	\$ 3,202,740	98	\$ 206,573	66	72	100	\$ 255,872	99	7,559	74	share CME w/Macon
14	Graham	15	93	238	94	8,798	98	0	44	511	95	22	70	\$ 3,775,531	97	\$ 565,459	30	100	98	\$ 268,301	98	761,733	8	share CME w/Cherokee
14	Haywood	30	51	379	69	59,276	46	147	13	1202	61	67	17	\$ 10,950,316	48	\$ 1,547,777	9	375	50	\$ 1,148,680	29	390,698	19	
14	Henderson	42	18	554	29	108,340	26	67	31	1685	43	88	10	\$ 10,952,696	47	\$ 1,144,774	11	325	63	\$ 1,455,270	18		77	
14	Jackson	34	41	528	37	40,924	61	0	44	1046	72	100	6	\$ 10,269,977	51	\$ 922,408	15	301	65	\$ 894,240	52	146,628.41	37	share CME w/Swain
14	Macon	31	48	455	52	33,939	69	0	44	1187	63	112	4	\$ 7,293,932	70	\$ 946,607	13	205	80	\$ 1,028,436	38	53,782.85	55	Share CME w/Clay
14	Polk	21	78	293	83	20,422	84	53	38	854	80	28	58	\$ 5,741,579	79	\$ 308,616	51	157	89	\$ 573,125	78	15,693.00	72	share CME w/Transylvania
14	Swain	15	95	491	46	14,393	89	0	44	508	96	37	45	\$ 3,883,267	96	\$ 327,626	46	123	94	\$ 362,729	93	40,063.75	61	share CME w/Jackson
14	Transylvania	17	90	373	70	33,189	70	0	44	759	82	40	39	\$ 5,360,537	85	\$ 369,796	39	134	92	\$ 518,213	85		77	Share CME w/Polk
weight rank			8%		6%		7%		11%		18%		11%		17%		8%		6%		5%		3%	
Average		32		486		97,652		62		1632		42		\$ 17	51	\$ 522,332		406		\$ 991,690				

Table 1 weighted avg rank	Table 2 weighted avg rank	Difference
23	35	(12)
27	31	(4)
42	43	(1)
50	52	(2)
39	45	(6)
21	33	(11)
48	53	(5)
31	41	(10)
63	66	(2)
39	43	(5)
66	62	4
45	44	1
28	38	(11)
45	52	(7)
19	29	(10)
58	57	1
61	54	7
38	47	(10)
33	40	(7)
40	50	(10)
18	28	(10)
65	66	(1)
10	17	(7)
40	44	(4)
45	52	(6)
48	44	3
66	59	7
39	39	1
62	55	7
56	58	(2)
82	70	12
79	69	10
40	43	(3)
33	33	0
46	48	(2)
50	45	5
71	62	9
76	60	16
70	58	12

further review recommended

County Road Maintenance Data

(Numbers shown are per each county maintenance position)

Table 2

Division	County	Total County Maint positions	R a n k	Total County Area Miles	Sq. Miles	R a n k	Population	R a n k	Interstate Lane Miles	R a n k	Total Pavement Lane Miles	R a n k	Unpaved Road Miles	R a n k	Maint Expenditures & 17BP Bridge (3 yr Avg.)	R a n k	Snow & Ice Expenditures (3yr Avg.)	R a n k	Snow/Ice Bare Pavement Lane Miles	R a n k	Equipment Use (annual \$ amt)	R a n k	Federal Emergency Expenditures (3 yr avg)	R a n k	Remarks	Table 2 weighted avg rank
1	Bertie	28	59	27	15	20767	82	0	44	1228	57	63.7	20	\$ 14	56	\$ 179,900.15	69	439.6	39	\$ 753,047	61	\$ 10,679	23	split - part paired w/ Martin Hertford	50	
1	Camden	13	97	10	82	10076	97	0	44	425	99	12.2	91	\$ 27	15	\$ 57,277.43	96	117.1	96	\$ 328,185	95	\$ 2,434	54	share CME w/ Paquotank Currituck	75	
1	Chowan	12	98	9	86	14836	88	0	44	516	94	11.7	93	\$ 22	26	\$ 88,027.42	87	153.0	90	\$ 272,897	97	\$ 4,379	38	share CME w/ Gates Perquimans	74	
1	Currituck	18	85	13	60	24165	76	0	44	673	85	14.2	87	\$ 39	5	\$ 79,634.54	92	269.9	68	\$ 375,572	92	\$ 13,114	18	share CME w/ Pasquotank Currituck	63	
1	Dare	22	73	16	43	34816	68	0	44	640	89	6.2	99	\$ 24	19	\$ 48,770.05	97	393.8	48	\$ 533,787	83	\$ 714,078	1		63	
1	Gates	18	86	31	12	11957	93	0	44	665	86	31.0	54	\$ 10	82	\$ 107,970.13	84	168.0	87	\$ 465,980	87	\$ 3,350	47	share CME w/ Chowan Perquimans	72	
1	Hertford	21	76	41	3	24631	75	0	44	858	79	21.5	71	\$ 18	35	\$ 136,087.35	78	293.1	66	\$ 602,691	73	\$ 6,512	36	share CME w/ part of Bertie	59	
1	Hyde	11	100	21	28	5718	99	0	44	500	97	31.7	52	\$ 31	12	\$ 48,126.18	98	183.5	84	\$ 396,489	91	\$ 31,416	8	share CME w/ Washington Tyrell	64	
1	Martin	26	64	24	19	24139	77	0	44	1175	66	31.8	51	\$ 9	86	\$ 128,760.51	79	428.6	43	\$ 729,078	62	\$ 3,654	44	shares CME with part of Bertie	62	
1	Northampton	29	57	39	5	21521	79	30	43	1166	67	31.2	53	\$ 16	43	\$ 183,057.21	68	437.5	40	\$ 890,129	53	\$ 6,951	35		52	
1	Pasquotank	17	87	14	56	40179	62	0	44	729	84	19.9	75	\$ 21	28	\$ 86,502.55	88	174.6	85	\$ 525,987	84	\$ 3,265	48	share CME w/ Camden Currituck	65	
1	Perquimans	15	93	22	26	13692	90	0	44	647	88	11.8	92	\$ 41	3	\$ 85,248.36	90	97.0	99	\$ 353,190	94	\$ 3,203	49	share CME w/ Chowan Gates	66	
1	Tyrell	12	99	21	29	4188	100	0	44	375	100	20.5	73	\$ 21	29	\$ 41,919.68	100	120.6	95	\$ 316,494	96	\$ 3,595	45	comined with Washington Hyde	72	
1	Washington	17	88	18	35	12920	92	0	44	631	90	25.3	64	\$ 13	60	\$ 80,169.70	91	227.3	75	\$ 701,966	65	\$ 9,237	28	share CME w/ Hyde Tyrell	70	
2	Beaufort	36	32	24	22	48008	55	0	44	1725	36	74.6	13	\$ 7	92	\$ 179,642.54	70	451.5	34	\$ 923,514	48	\$ 22,071	11		46	
2	Carteret	20	79	16	41	68151	38	0	44	911	78	9.1	97	\$ 17	39	\$ 62,663.29	94	326.3	61	\$ 686,351	67	\$ 9,594	25		63	
2	Craven	30	50	11	79	105080	27	0	44	1603	49	45.3	35	\$ 24	21	\$ 175,939.66	71	434.4	41	\$ 582,278	76	\$ 28,307	9	Shares CME with Pamlico	44	
2	Greene	21	77	17	39	21435	80	0	44	914	77	15.3	83	\$ 31	11	\$ 118,117.55	83	202.3	82	\$ 609,288	71	\$ 10,699	22	Shares CME with Jones	60	
2	Jones	20	80	31	11	10615	96	0	44	658	87	14.6	85	\$ 24	22	\$ 66,911.50	93	199.6	83	\$ 540,071	82	\$ 8,068	34	Shares CME with Green	65	
2	Lenoir	25	67	24	21	59546	45	0	44	1606	48	26.6	63	\$ 16	41	\$ 192,288.16	67	400.8	46	\$ 604,670	72	\$ 3,834	42		50	
2	Pamlico	14	96	7	92	13208	91	0	44	539	93	25.2	65	\$ 59	1	\$ 47,198.09	99	139.3	91	\$ 218,753	100	\$ 9,429	27	Shares CME with Craven	68	
2	Pitt	48	10	59	1	172569	14	0	44	2314	22	56.8	24	\$ 11	79	\$ 270,111.48	57	565.3	18	\$ 1,184,488	28	\$ 14,805	16		34	
3	Brunswick	23	70	21	27	112701	25	0	44	1689	42	36.9	43	\$ 37	6	\$ 118,490.43	82	584.5	16	\$ 899,938	50	\$ 1,409	63		39	
3	Duplin	49	9	25	18	60100	44	112	21	2488	13	23.9	67	\$ 19	34	\$ 236,625.56	62	649.8	9	\$ 1,060,018	34	\$ 2,255	57		32	
3	New Hanover	23	71	19	34	209846	8	53	37	1192	62	0.6	100	\$ 8	90	\$ 119,731.53	81	441.6	38	\$ 576,001	77	\$ 1,415	62		64	
3	Onslow	31	47	27	14	190187	11	0	44	1873	31	12.7	90	\$ 25	18	\$ 162,920.48	74	517.2	26	\$ 859,009	55	\$ 11,207	21		40	
3	Pender	30	51	8	90	54259	52	103	24	1530	51	30.1	56	\$ 27	14	\$ 103,778.45	85	518.0	25	\$ 944,552	47	\$ 3,809	43		45	
3	Sampson	41	20	37	6	64121	41	81	28	2998	9	17.6	81	\$ 21	27	\$ 321,342.94	47	605.0	13	\$ 970,866	42	\$ 691	70		32	
4	Edgecombe	31	48	6	97	56039	50	0	44	1512	52	11.6	94	\$ 17	38	\$ 265,533.66	58	526.6	24	\$ 1,053,565	35	\$ 17,346	14		52	
4	Halifax	40	23	13	66	54308	51	92	27	1818	32	47.1	32	\$ 20	32	\$ 355,669.64	40	401.5	45	\$ 1,325,602	26	\$ 15,439	15		35	
4	Johnston	60	3	20	32	174933	13	241	5	3730	3	19.0	77	\$ 6	97	\$ 594,860.00	29	1316.1	3	\$ 1,619,150	13	\$ 2,405	55		34	
4	Nash	41	21	24	20	95728	29	105	23	2348	19	22.2	69	\$ 13	59	\$ 410,156.71	36	615.0	11	\$ 1,079,661	32	\$ 8,416	33		35	
4	Wayne	39	24	17	38	124341	23	54	36	2327	20	15.1	84	\$ 13	66	\$ 277,717.24	56	680.0	8	\$ 1,351,636	23	\$ 3,379	46		41	
4	Wilson	30	52	13	59	82020	34	113	20	1716	38	17.7	80	\$ 24	20	\$ 332,901.76	44	537.0	20	\$ 823,191	56	\$ 4,197	40		40	
5	Durham	36	33	10	84	280921	6	169	12	1807	33	28.1	59	\$ 14	58	\$ 456,474.57	34	558.0	19	\$ 956,451	44	\$ 1,177	66		40	
5	Franklin	39	25	12	74	61633	42	0	44	1624	44	30.8	55	\$ 7	95	\$ 334,919.43	43	366.3	51	\$ 565,676	79	\$ 407	73		57	
5	Granville	37	29	7	94	58036	49	94	26	1620	45	69.5	15	\$ 11	78	\$ 331,037.44	45	364.3	52	\$ 586,327	75	\$ 1,810	59		50	
5	Person	36	34	11	78	39394	63	0	44	1269	56	46.5	33	\$ 12	74	\$ 234,969.05	63	218.9	77	\$ 822,069	57	\$ 3,004	50		57	
5	Vance	26	65	7	95	45541	58	58	33	983	75	18.2	78	\$ 32	9	\$ 353,733.08	41	244.3	73	\$ 564,528	80	\$ 212	75	share CME w/Warren	56	
5	Wake	78	1	32	9	945143	2	433	3	5723	1	67.4	16	\$ 7	94	\$ 937,432.70	14	1479.6	1	\$ 1,819,422	8	\$ 2,869	52	Split - two county maint engineers	22	
5	Warren	30	53	14	58	20746	83	42	39	1210	59	55.2	26	\$ 10	84	\$ 311,428.28	50	238.2	74	\$ 635,422	69	\$ 723	69	Share CME w/Vance	60	
6	Bladen	28	60	13	63	35146	67	0	44	1709	39	50.6	30	\$ 31	10	\$ 136,226.03	77	351.1	57	\$ 586,719	74	\$ 762	67		45	
6	Columbus	53	8	18	36	58107	48	0	44	2417	16	90.2	9	\$ 18	36	\$ 228,240.85	65	342.0	60	\$ 1,290,276	27	\$ 253	74		33	
6	Cumberland	45	14	31	10	331279	5	182	10	2748	11	22.8	68	\$ 14	51	\$ 419,446.63	35	770.1	5	\$ 1,954,956	6	\$ 502	71		27	
6	Harnett	45	15	14	51	120900	24	35	41	2300	23	25.1	66	\$ 13	63	\$ 301,239.68	52	395.5	47	\$ 1,440,888	20	\$ 1,253	65		42	
6	Robeson	54	6	18	37	134822	22	233	6	3627	4	62.7	21	\$ 18	37	\$ 231,440.07	64	533.6	22	\$ 2,188,834	4	\$ 46	76		23	
7	Alamance	32	43	13	62	153033	18	128	16	2035	30	19.4	76	\$ 13	62	\$ 743,341.38	25	347.2	58	\$ 1,527,000	15	\$ 37,576	6		41	
7	Caswell	22	74	12	71	23557	78	0	44	1179	65	40.8	38	\$ 19	33	\$ 379,927.69	37	163.8	88	\$ 1,147,861	30	\$ 1,418	61		54	
7	Guilford	64	2	10	80	501058	3	589	2	4262	2	62.7	22	\$ 10	80	\$ 2,123,674.92	4	984.7	4	\$ 2,444,785	2	\$ 84,909	2	Split - two county maint engineers	22	
7	Orange	32	44	19	33	138330	20	144	15	1768	34	27.7	62	\$ 12	71	\$ 746,163.63	24	356.1	56	\$ 1,352,769	22	\$ 21,928	12		40	
7	Rockingham	47	11	12	73	92977	30	0	44	2326	21	110.2	5	\$ 12	73	\$ 806,672.03	19	527.3	23	\$ 1,794,785	10	\$ -	77		35	
8	Chatham	39	26	12	75	66618	40	0	44	2212	26	64.0	19	\$ 20	31	\$ 297,845.25	53	464.1	32	\$ 958,786	43	\$ -	77		37	
8	Hoke	17	89	4	100	49928	54	0	44	991	74	9.5	95	\$ 41	2	\$ 57,816.57	95	132.8	93	\$ 441,553	90	\$ -	77		66	
8	Lee	17	90	16	42	59073	47	0	44	1092	70	13.2	89	\$ 40	4	\$ 142,058.30	76	255.5	70	\$ 446,059	89	\$ 2,877	51	share CME w/Moore	57	
8	Montgomery	24	68	20	30	27828	71	98	25	1327	54	42.7	36	\$ 20	30	\$ 125,653.46	80	361.6	54	\$ 947,870	46	\$ -	77		48	
8	Moore	41	22	41	2	904																				

Division	County	Total County Maint positions	R a n k	Total County Area Miles	R a n k	Population	R a n k	Interstate Lane Miles	R a n k	Total Pavement Lane Miles	R a n k	Unpaved Road Miles	R a n k	Maint Expenditures & 17BP Bridge (3 yr Avg.)	R a n k	Snow & Ice Expenditures (3yr Avg.)	R a n k	Snow/Ice Bare Pavement Lane Miles	R a n k	Equipment Use (annual \$ amt)	R a n k	Federal Emergency Expenditures (3 yr avg)	R a n k	Remarks	Table 2 weighted avg rank
8	Richmond	26	66	40	4	46398	57	40	40	1618	46	35.0	46	\$ 15	46	\$ 146,476.80	75	387.9	49	\$ 951,365	45	\$ 8,835	30		47
8	Scotland	20	81	15	46	36387	66	0	44	1109	69	27.8	61	\$ 16	42	\$ 86,452.07	89	202.3	81	\$ 692,390	66	\$ -	77		63
9	Davidson	36	35	12	69	163683	15	209	9	3166	7	45.4	34	\$ 12	69	\$ 1,062,986.49	12	598.4	15	\$ 1,653,772	12	\$ -	77		30
9	Davie	20	82	6	99	41497	60	77	30	1040	73	17.9	79	\$ 26	17	\$ 292,477.42	54	252.0	71	\$ 708,091	64	\$ 41,952	5		57
9	Forsyth	45	16	15	50	357483	4	224	7	2395	17	20.8	72	\$ 6	99	\$ 1,937,855.94	8	725.4	6	\$ 1,747,320	11	\$ 36,073	7		35
9	Rowan	38	27	11	77	138252	21	120	17	2450	14	37.8	41	\$ 15	50	\$ 470,028.93	33	690.3	7	\$ 1,969,827	5	\$ -	77		31
9	Stokes	38	28	26	17	47026	56	0	44	1706	40	58.6	23	\$ 11	77	\$ 801,705.63	20	428.8	42	\$ 1,078,211	33	\$ -	77		43
10	Anson	28	61	10	81	26656	74	0	44	1603	50	37.3	42	\$ 23	23	\$ 165,973.48	73	325.6	62	\$ 884,394	54	\$ -	77		52
10	Cabarrus	33	42	9	85	183806	12	57	34	1733	35	16.9	82	\$ 16	40	\$ 265,466.74	59	469.1	31	\$ 1,514,394	17	\$ -	77		45
10	Mecklenburg	42	18	23	23	962593	1	699	1	2913	10	13.4	88	\$ 9	85	\$ 1,965,570.29	7	1429.0	2	\$ 1,516,854	16	\$ -	77		33
10	Stanly	37	30	11	76	60636	43	0	44	1697	41	29.7	57	\$ 10	81	\$ 253,415.70	60	356.5	55	\$ 1,869,694	7	\$ -	77		53
10	Union	46	12	16	40	207896	10	0	44	3195	6	27.8	60	\$ 11	76	\$ 174,199.61	72	470.7	30	\$ 1,347,222	24	\$ -	77		41
11	Alleghany	27	62	9	88	11028	94	0	44	766	81	64.5	18	\$ 9	88	\$ 667,226.05	26	226.5	76	\$ 685,983	68	\$ -	77		66
11	Ashe	37	31	10	83	27326	73	0	44	1205	60	196.0	1	\$ 14	52	\$ 2,071,910.20	5	277.1	67	\$ 1,454,559	19	\$ 8,469	32		43
11	Avery	24	69	9	87	17795	86	0	44	572	92	52.7	29	\$ 13	65	\$ 2,001,148.32	6	212.9	79	\$ 628,607	70	\$ 13,104	19		62
11	Caldwell	32	45	13	65	82590	33	0	44	1314	55	81.1	11	\$ 13	61	\$ 666,433.61	27	361.7	53	\$ 1,024,808	39	\$ 8,731	31		44
11	Surry	59	5	8	91	73754	36	145	14	2295	24	50.4	31	\$ 8	91	\$ 630,947.88	28	579.7	17	\$ 1,391,520	21	\$ 10,675	24		38
11	Watauga	35	39	14	52	52472	53	0	44	956	76	115.5	3	\$ 10	83	\$ 2,437,605.92	3	264.7	69	\$ 997,729	41	\$ -	77		52
11	Wilkes	54	7	14	54	69625	37	0	44	2356	18	185.8	2	\$ 14	54	\$ 871,601.46	18	464.0	33	\$ 2,259,109	3	\$ 4,139	41		29
11	Yadkin	27	63	13	61	38204	64	55	35	1445	53	32.3	49	\$ 9	87	\$ 369,948.88	38	410.4	44	\$ 555,660	81	\$ 13,490	17		57
12	Alexander	22	75	14	57	37361	65	0	44	1090	71	41.3	37	\$ 26	16	\$ 281,380.39	55	114.2	97	\$ 770,387	59	\$ -	77		54
12	Catawba	32	46	12	70	155353	17	79	29	2258	25	14.3	86	\$ 12	70	\$ 337,475.96	42	510.8	27	\$ 1,049,813	37	\$ -	77		47
12	Cleveland	36	36	12	72	97800	28	33	42	2435	15	39.6	40	\$ 13	67	\$ 318,272.05	48	479.8	29	\$ 1,007,711	40	\$ 18,606	13		40
12	Gaston	29	58	13	67	208704	9	116	18	2203	27	9.3	96	\$ 12	72	\$ 314,059.50	49	503.0	28	\$ 785,374	58	\$ -	77		50
12	Iredell	43	17	26	16	163189	16	245	4	3057	8	90.8	8	\$ 7	93	\$ 784,936.25	22	626.7	10	\$ 1,108,118	31	\$ -	77		28
12	Lincoln	19	83	7	93	79512	35	0	44	1615	47	7.9	98	\$ 14	57	\$ 95,713.57	86	307.4	64	\$ 463,921	88	\$ -	77		66
13	Buncombe	46	13	30	13	245228	7	215	8	2639	12	72.3	14	\$ 14	53	\$ 2,526,523.09	2	613.8	12	\$ 3,320,954	1	\$ 23,120	10		17
13	Burke	36	37	22	24	90051	32	106	22	1718	37	34.3	47	\$ 6	96	\$ 799,445.48	21	535.1	21	\$ 755,308	60	\$ 5,284	37		44
13	Madison	36	38	9	89	21092	81	66	32	1184	64	97.3	7	\$ 9	89	\$ 2,586,076.31	1	346.4	59	\$ 1,335,447	25	\$ 2,337	56 share CME w/Yancey		52
13	McDowell	30	54	15	47	45269	59	115	19	1213	58	31.9	50	\$ 15	49	\$ 880,868.37	17	441.9	37	\$ 726,504	63	\$ 52,016	3 share CME w/Mitchell		44
13	Mitchell	19	84	6	96	15397	87	0	44	576	91	36.7	44	\$ 30	13	\$ 896,473.73	16	214.7	78	\$ 497,804	86	\$ 1,259	64 share CME w/McDowell		59
13	Rutherford	30	55	14	53	68032	39	0	44	2069	29	54.5	28	\$ 15	47	\$ 481,917.90	32	448.8	35	\$ 1,052,242	36	\$ 9,474	26		39
13	Yancey	23	72	15	49	17857	85	0	44	738	83	33.5	48	\$ 22	24	\$ 1,300,047.37	10	172.6	86	\$ 898,962	51	\$ -	77 share CME w/Madison		55
14	Cherokee	35	40	14	55	27512	72	0	44	1147	68	55.0	27	\$ 6	98	\$ 761,872.71	23	247.4	72	\$ 923,275	49	\$ 8,899	29 share CME w/Graham		58
14	Clay	16	92	6	98	10729	95	0	44	455	98	20.4	74	\$ 32	8	\$ 206,573.10	66	71.9	##	\$ 255,872	99	\$ 2,216	58 share CME w/Macon		70
14	Graham	15	94	16	44	8798	98	0	44	511	95	21.8	70	\$ 16	44	\$ 565,459.34	30	100.4	98	\$ 268,301	98	\$ 472	72 share CME w/Cherokee		69
14	Haywood	30	56	13	68	59276	46	147	13	1202	61	67.4	17	\$ 13	68	\$ 1,547,776.61	9	375.0	50	\$ 1,148,680	29	\$ 50,782	4		43
14	Henderson	42	19	33	7	108340	26	67	31	1685	43	88.3	10	\$ 13	64	\$ 1,144,774.03	11	325.1	63	\$ 1,455,270	18	\$ 13,023	20		33
14	Jackson	34	41	13	64	40924	61	0	44	1046	72	100.4	6	\$ 16	45	\$ 922,407.92	15	300.7	65	\$ 894,240	52	\$ -	77 share CME w/Swain		48
14	Macon	31	49	16	45	33939	69	0	44	1187	63	112.0	4	\$ 15	48	\$ 946,607.42	13	204.8	80	\$ 1,028,436	38	\$ 4,313	39 Share CME w/Clay		45
14	Polk	21	78	32	8	20422	84	53	38	854	80	28.2	58	\$ 14	55	\$ 308,615.52	51	157.4	89	\$ 573,125	78	\$ 1,735	60 share CME w/Transylvania		62
14	Swain	15	95	22	25	14393	89	0	44	508	96	36.6	45	\$ 33	7	\$ 327,625.66	46	122.9	94	\$ 362,729	93	\$ 747	68 share CME w/Jackson		60
14	Transylvania	17	91	15	48	33189	70	0	44	759	82	39.7	39	\$ 22	25	\$ 369,796.17	39	134.2	92	\$ 518,213	85	\$ 2,671	53 Share CME w/Polk		58
Average		32		17		97652		62		1632		42		\$ 17		\$ 522,332		406		\$ 991,690					

Oct-14

Bridge Maintenance Data

Table 1

Division	# Bridge Maint Offices	Total Employee Complement (All Bridge Positions)	Bridge Maint "Hands-on" Personnel (TS&TW& Welder)	Rank	# State Bridges	Rank	# NBI Pipes & Culverts	Rank	# Non-NBI Culverts	Rank	Avg Age per Bridge	Rank	Avg ADT per Bridge	Rank	Area per Office (Sq. Mi.)	Rank	Total Bridge Maint. Needs	Rank	Total Bridge Deck Area SF	Rank
1	4	46	40	5	567	14	210	14	1,381	7	31	5	2,506	13	1,143	3	\$10,152,715	14	9,984,105	2
2	4	47	43	3	621	13	230	13	1,262	12	34	3	4,077	9	1,042	4	\$29,459,812	2	7,178,608	5
3	3	*62	36	8	646	12	253	12	1,607	4	35	8	5,749	5	1,478	1	\$17,449,520	9	6,657,750	7
4	5	45	40	5	957	5	327	9	1,318	9	38	5	5,032	7	696	13	\$14,372,359	12	6,674,889	6
5	4	39	33	9	1,038	4	470	2	1,313	10	33	9	13,500	1	805	10	\$16,443,031	10	10,189,002	1
6	3	38	31	12	726	11	279	11	1,077	13	35	12	5,018	8	1,336	2	\$10,260,335	13	4,919,003	13
7	3	29	23	14	952	6	397	6	1,024	14	36	14	8,415	4	820	6	\$22,099,792	4	7,505,869	4
8	5	42	37	7	911	9	380	7	1,425	6	39	7	3,007	11	819	7	\$21,791,471	5	5,882,884	11
9	3	34	25	13	779	10	436	4	1,336	8	36	13	9,186	3	728	12	\$20,440,675	7	6,480,423	9
10	3	38	33	9	947	8	494	1	1,311	11	35	9	12,379	2	815	8	\$32,747,275	1	8,129,142	3
11	4	51	44	2	1,307	3	446	3	2,959	1	41	2	1,730	14	829	5	\$17,640,753	8	4,114,423	14
12	3	38	33	9	948	7	356	8	1,514	5	42	9	5,441	6	784	11	\$16,300,494	11	5,898,014	10
13	5	56	48	1	1,584	1	426	5	2,341	2	45	1	4,000	10	631	14	\$25,184,215	3	6,582,136	8
14	5	52	43	3	1,563	2	311	10	2,242	3	47	3	2,518	12	808	9	\$21,313,931	6	5,021,992	12
category weight				6%		15%		11%		10%		12%		6%		10%		16%		14%
AVG.	3.9	40	36		968		358		1,579		38		5,897		909		\$19,689,741		6,801,303	

Table 1 Weighted Average Rank	Table 2 Weighted Average Rank
8.8	10.8
7.1	9.6
7.8	8.3
8.0	10.4
6.2	5.5
10.9	8.9
7.5	3.0
7.7	8.1
8.8	3.6
5.5	5.3
5.8	9.0
8.7	6.6
4.7	7.9
6.5	7.7

further review recommended

COMMENTS:

NBI = National Bridge Inspection

NBI Pipes & Culverts (> 20' along road centerline)

Non-NBI Culverts (< 20' along road centerline)

ADT = average daily traffic

SF = Square foot

* 15 of this number represents moveable bridge operators

Oct-14

Bridge Maintenance Data

Values per "hands-on" Personnel

Table 2

Division	# Bridge Maint Offices	Total Employee Complement (All Bridge Positions)	Bridge Maint "Hands-on" Personnel (TS&TW& Welder)	Rank	# State Bridges	Rank	# NBI Pipes & Culverts	Rank	# Non-NBI Culverts	Rank	Avg Age per Bridge	Rank	Avg ADT per Bridge	Rank	Area per Office Sq. Mi.	Rank	Total Bridge Maint. Needs	Rank	Total Bridge Deck Area SF	Rank
1	4	46	40	5	14.2	14	5	14	34.5	12	0.8	14	62.7	12	28.6	5	\$253,818	14	249,603	4
2	4	47	43	3	14.4	13	5	13	29.3	14	0.8	13	94.8	9	24.2	8	\$685,112	4	166,944	8
3	3	*62	36	8	17.9	12	7	12	44.6	6	1.0	9	159.7	7	41.0	2	\$484,709	10	184,938	6
4	5	45	40	5	23.9	10	8	10	33.0	13	1.0	10	125.8	8	17.4	13	\$359,309	12	166,872	9
5	4	39	33	9	31.5	4	14	4	39.8	8	1.0	8	409.1	1	24.4	7	\$498,274	7	308,758	2
6	3	38	31	12	23.4	11	9	8	34.7	11	1.1	4	161.9	6	43.1	1	\$330,979	13	158,678	11
7	3	29	23	14	41.4	1	17	2	44.5	7	1.6	1	365.9	4	35.6	3	\$960,861	2	326,342	1
8	5	42	37	7	24.6	9	10	6	38.5	10	1.1	7	81.3	11	22.1	10	\$588,959	5	158,997	10
9	3	34	25	13	31.2	5	17	1	53.4	2	1.4	2	367.4	3	29.1	4	\$817,627	3	259,217	3
10	3	38	33	9	28.7	8	15	3	39.7	9	1.1	6	375.1	2	24.7	6	\$992,342	1	246,338	5
11	4	51	44	2	29.7	6	10	7	67.3	1	0.9	12	39.3	14	18.8	11	\$400,926	11	93,510	14
12	3	38	33	9	28.7	7	11	5	45.9	5	1.3	3	164.9	5	23.7	9	\$493,954	9	178,728	7
13	5	56	48	1	33.0	3	9	9	48.8	4	0.9	11	83.3	10	13.1	14	\$524,671	6	137,128	12
14	5	52	43	3	36.3	2	7	11	52.1	3	1.1	5	58.6	13	18.8	12	\$495,673	8	116,791	13
category weight				6%		15%		11%		10%		12%		6%		10%		16%		14%
AVG.	3.9	40	36		27.1		10.4		43.3		1.1		182		26		563,372		196,632	

Table 2 Weighted Average Rank
10.8
9.6
8.3
10.4
5.5
8.9
3.0
8.1
3.6
5.3
9.0
6.6
7.9
7.7

Equipment Shop Mechanics - Workload Analysis

Division		Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%) (Positions)	Overstaffed(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
1		39	40	2990.1	46.6	6445	5.0	51.6	46.4	-6
2		29	38	2141.5	33.4	9206	7.2	40.5	36.5	2
3		30	33	1884.7	29.4	19615	15.3	44.6	40.2	-7
4		50	51	2073.7	32.3	17970	14.0	46.3	41.7	9
5		39	41	2433.6	37.9	14181	11.0	49.0	44.1	-3
6		36	39	2028.0	31.6	11303	8.8	40.4	36.4	3
7		30	34	2403.1	37.4	7329	5.7	43.1	38.8	-5
8		36	38	2402.2	37.4	7389	5.8	43.2	38.9	-1
9		38	40	1992.2	31.0	7852	6.1	37.1	33.4	7
10		35	36	2185.4	34.0	5379	4.2	38.2	34.4	2
11		38	40	2292.8	35.7	17573	13.7	49.4	44.5	-4
12		35	40	2215.9	34.5	21339	16.6	51.1	46.0	-6
13		43	51	2650.7	41.3	22629	17.6	58.9	53.0	-2
14		33	36	2322.4	36.2	2428	3.3	39.5	35.6	0
Statewide Totals		511	557	32,016.2	498.7	170,638.0	134.3	633.0	569.7	-13

Notes:

Employee Count = actual # of employees

Position Count = total # of available positions

VEU = Vehicle Equivalent Unit for normalization of a varied fleet

Positions based on VEU's for work on the DOT fleet

Hours and Computed Positions for work for other agencies & extraneous work

Total Mechanic Needs = combined work on fleet and extraneous duties

Industry Standard is to staff at 90% of computed need

Comparison of available positions to computed positions = under/overstaffing

Equipment Shop Mechanics - Workload Analysis

Division One

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
1 EQ HERTFORD	Perquimans	10	10	577.7	9.0	2031.0	1.6	10.6	9.5	0
1 EQ ELIZABETH CITY	Pasquotank	3	4	326.8	5.1	504.0	0.4	5.5	4.9	-1
1 EQ MAPLE	Currituck	1	1	152.2	2.4	268.0	0.2	2.6	2.3	-1
1 EQ MANTEO	Dare	3	3	246.7	3.8	356.0	0.3	4.1	3.7	-1
1 EQ AHOSKIE	Hertford	11	11	645.6	10.1	1243.0	1.0	11.0	9.9	1
1 EQ GATES	Gates	1	1	118.4	1.8	399.0	0.3	2.2	1.9	-1
1 EQ JACKSON	Northampton	1	1	188.8	2.9	0.0	0.0	2.9	2.6	-2
1 EQ WILLIAMSTON	Martin	4	4	371.4	5.8	666.0	0.5	6.3	5.7	-2
1 EQ CRESWELL	Washington	4	4	277.5	4.3	623.0	0.5	4.8	4.3	0
1 EQ SWAN QUARTER	Hyde	1	1	85.0	1.3	13.0	0.0	1.3	1.2	0
Unassigned						342.0	0.3	0.3	0.2	0
	TOTALS	39	40	2990.1	46.6	6445	5	52	46	-6

Division Two

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
2 EQ GREENVILLE	Pitt	8	11	802.5	12.5	3842.0	3.0	15.5	13.9	-3
2 EQ WASHINGTON	Beaufort	5	6	239.6	3.7	2261.0	1.8	5.5	4.9	1
2 EQ NEW BERN	Craven	6	9	423.6	6.6	85.0	0.1	6.7	6.0	3
2 EQ NEWPORT	Carteret	2	3	177.2	2.8	499.0	0.4	3.1	2.8	0
2 EQ KINSTON	Lenoir	4	5	208.2	3.2	1419.0	1.1	4.3	3.9	1
2 EQ TRENTON	Jones	2	2	96.8	1.5	870.0	0.7	2.2	2.0	0
2 EQ MAURY	Greene	2	2	123.5	1.9	217.0	0.2	2.1	1.9	0
Pamlico	Pamlico			70.1	1.1	13.0	0.0	1.1	1.0	-1
	TOTALS	29	38	2141.5	33.4	9206	7	41	36	2

Equipment Shop Mechanics - Workload Analysis

Division Three

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
3 EQ WILMINGTON	New Hanover	9	11	738.0	11.5	14991.0	11.7	23.2	20.9	-10
3 EQ BURGAW	Pender	4	4	343.5	5.4	881.0	0.7	6.0	5.4	-1
3 EQ JACKSONVILLE	Onslow	5	5	209.1	3.3	774.0	0.6	3.9	3.5	2
3 EQ SHALLOTTE	Brunswick	4	4	131.2	2.0	817.0	0.6	2.7	2.4	2
3 EQ CLINTON	Sampson	5	5	265.0	4.1	1268.0	1.0	5.1	4.6	0
3 EQ KENNANSVILLE	Duplin	3	4	198.0	3.1	884.0	0.7	3.8	3.4	1
	TOTALS	30	33	1884.67	29	19615	15	45	40	-7

Division Four

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
4 EQ WILSON	Wilson	9	9	397.1	6.2	2709.0	2.1	8.3	7.5	2
4 EQ HALIFAX	Halifax	6	6	275.8	4.3	3648.0	2.8	7.1	6.4	0
4 EQ TARBORO	Edgecombe	5	5	200.2	3.1	947.0	0.7	3.9	3.5	2
4 EQ NASHVILLE	Nash	7	7	259.7	4.0	2148.0	1.7	5.7	5.1	2
4 EQ GOLDSBORO	Wayne	6	6	287.9	4.5	3173.0	2.5	7.0	6.3	0
4 EQ SMITHFIELD	Johnston	10	11	436.4	6.8	4221.0	3.3	10.1	9.1	2
4 EQ WILSON SUB	Wilson	7	7	216.7	3.4	1124.0	0.9	4.3	3.8	3
	TOTALS	50	51	2073.7	32	17970	14	46	42	9

Equipment Shop Mechanics - Workload Analysis

Division Five

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
5 EQ DURHAM	Durham	9	9	571.8	8.9	4979.0	3.9	12.8	11.5	-3
5 EQ ROXBORO	Person	5	5	177.2	2.8	345.0	0.3	3.0	2.7	2
5 EQ OXFORD	Granville	5	5	321.9	5.0	3840.0	3.0	8.0	7.2	-2
5 EQ HENDERSON	Vance	4	4	318.1	5.0	1170.0	0.9	5.9	5.3	-1
5 EQ WARRENTON	Warren	4	5	199.1	3.1	568.0	0.4	3.5	3.2	2
5 EQ BUNN	Franklin	6	6	259.2	4.0	1240.0	1.0	5.0	4.5	1
5 EQ METHOD	Wake	6	7	586.4	9.1	2039.0	1.6	10.7	9.6	-3
	TOTALS	39	41	2433.6	38	14181	11	49	44	-3

Division Six

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
6 EQ FAYETTEVILLE	Cumberland	11	11	515.1	8.0	1866.0	1.5	9.5	8.5	2
6 EQ ELIZABETHTOWN	Bladen	4	4	234.5	3.7	631.0	0.5	4.1	3.7	0
6 EQ WHITEVILLE	Columbus	6	7	289.7	4.5	1613.0	1.3	5.8	5.2	2
6 EQ FAYETTEVILLE	Cumberland	6	7	284.2	4.4	1492.0	1.2	5.6	5.0	2
6 EQ LILLINGTON	Harnett	3	3	249.7	3.9	232.0	0.2	4.1	3.7	-1
6 EQ LUMBERTON	Robeson	6	7	454.8	7.1	2512.0	2.0	9.0	8.1	-1
Unassigned						2957.0	2.3	2.3	2.1	-2
	TOTALS	36	39	2,028.0	31.6	11,303.0	8.8	40.4	36.4	3

Equipment Shop Mechanics - Workload Analysis

Division Seven

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
7 EQ GREENSBORO	Guilford	9	13	809.0	12.6	4331.0	3.4	16.0	14.4	-1
7 EQ GRAHAM	Alamance	4	4	433.9	6.8	605.0	0.5	7.2	6.5	-3
7 EQ YANCEYVILLE	Caswell	4	4	220.1	3.4	908.0	0.7	4.1	3.7	0
7 EQ SANDY RIDGE	Guilford	4	4	274.5	4.3	563.0	0.4	4.7	4.2	0
7 EQ HILLSBOROUGH	Orange	4	4	252.6	3.9	223.0	0.2	4.1	3.7	0
7 EQ WENTWORTH	Rockingham	5	5	413.0	6.4	699.0	0.5	7.0	6.3	-1
	TOTALS	30	34	2,403.1	37.4	7,329.0	5.7	43.1	38.8	-5

Division Eight

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
8 EQ CARTHAGE	Moore	8	10	816.8	12.7	2692.0	2.1	14.8	13.3	-3
8 EQ SILER CITY	Chatham	6	6	291.5	4.5	785.0	0.6	5.2	4.6	1
8 EQ TROY	Montgomery	3	3	200.5	3.1	577.0	0.4	3.6	3.2	0
8 EQ SANFORD	Lee	2	2	159.7	2.5	0.0	0.0	2.5	2.2	0
8 EQ ASHEBORO	Randolph	8	8	469.5	7.3	2016.0	1.6	8.9	8.0	0
8 EQ ROCKINGHAM	Richmond	4	4	199.3	3.1	719.0	0.6	3.7	3.3	1
8 EQ WAGRAM	Scotland	3	3	158.3	2.5	561.0	0.4	2.9	2.6	0
8 EQ RAEFORD	Hoke	2	2	106.8	1.7	39.0	0.0	1.7	1.5	0
	TOTALS	36	38	2,402.2	37.4	7,389.0	5.8	43.2	38.9	-1

Equipment Shop Mechanics - Workload Analysis

Division Nine

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
9 EQ WINSTON-SALEM	Forsyth	17	18	793.8	12.4	1673.0	1.3	13.7	12.3	6
9 EQ LEXINGTON	Davidson	6	7	337.5	5.3	19.0	0.0	5.3	4.7	2
9 EQ MOCKSVILLE	Davie	3	3	217.3	3.4	278.0	0.2	3.6	3.2	0
9 EQ SALISBURY	Rowan	7	7	367.8	5.7	838.0	0.7	6.4	5.7	1
9 EQ WALNUT COVE	Stokes	5	5	275.8	4.3	0.0	0.0	4.3	3.9	1
Unassigned						3451.0	2.7	2.7	2.4	-2
09FM						1593.0	1.2	1.2	1.1	-1
	TOTALS	38	40	1,992.2	31.0	7,852.0	6.1	37.1	33.4	7

Division Ten

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
10 EQ CHARLOTTE	Mecklenburg	13	14	722.3	11.3	2032.0	1.6	12.8	11.5	2
10 EQ MT PLEASANT	Cabarras	4	4	259.8	4.0	491.0	0.4	4.4	4.0	0
10 EQ ALBEMARLE	Stanly	7	7	581.3	9.1	992.0	0.8	9.8	8.8	-2
10 EQ WADESBORO	Anson	4	4	275.4	4.3	635.0	0.5	4.8	4.3	0
10 EQ MONROE	Union	7	7	346.6	5.4	984.0	0.8	6.2	5.5	1
10 EQ PAW CREEK	Mecklenburg	0	0			245.0	0.2	0.2	0.2	0
	TOTALS	35	36	2,185.4	34.0	5,379.0	4.2	38.2	34.4	2

Equipment Shop Mechanics - Workload Analysis

Division Eleven

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
11 EQ N WILKESBORO	Wilkes	9	11	678.2	10.6	6182.0	4.8	15.4	13.8	-3
11 EQ DOBSON	Surry	5	5	339.3	5.3	1402.0	1.1	6.4	5.7	-1
11 EQ SPARTA	Alleghany	3	3	140.4	2.2	1383.0	1.1	3.3	2.9	0
11 EQ YADKINVILLE	Yadkin	4	4	301.0	4.7	1647.0	1.3	6.0	5.4	-1
11 EQ W. JEFFERSON	Ashe	5	5	272.1	4.2	3302.0	2.6	6.8	6.1	-1
11 EQ BOONE	Watauga	4	4	251.8	3.9	1692.0	1.3	5.2	4.7	-1
11 EQ HUDSON	Caldwell	5	5	170.4	2.7	1142.0	0.9	3.5	3.2	2
11 EQ NEWLAND	Avery	3	3	139.5	2.2	823.0	0.6	2.8	2.5	0
	TOTALS	38	40	2,292.8	35.7	17,573.0	13.7	49.4	44.5	-4

Division Twelve

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
12 EQ SHELBY	Cleveland	7	8	358.2	5.6	6880.0	5.4	10.9	9.8	-2
12 EQ DALLAS	Gaston	4	6	247.6	3.9	2791.0	2.2	6.0	5.4	1
12 EQ LINCOLNTON	Lincoln	3	4	170.3	2.7	1299.0	1.0	3.7	3.3	1
12 EQ NEWTON	Catawba	5	5	367.6	5.7	2040.0	1.6	7.3	6.6	-2
12 EQ STATESVILLE	Iredell	5	5	454.7	7.1	2164.0	1.7	8.8	7.9	-3
12 EQ TAYLORSVILLE	Alexander	4	4	204.3	3.2	2770.0	2.2	5.3	4.8	-1
12 EQ SHELBY	Cleveland	7	8	413.3	6.4	3395.0	2.6	9.1	8.2	0
	TOTALS	35	40	2,215.9	34.5	21,339.0	16.6	51.1	46.0	-6

Equipment Shop Mechanics - Workload Analysis

Division Thirteen

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
13 EQ ASHEVILLE	Buncombe	15	18	919	14	10504.0	8.2	22.5	20.3	-2
13 EQ MARION	McDowell	5	7	361	6	1944.0	1.5	7.1	6.4	1
13 EQ SPINDALE	Rutherford	4	5	407	6	1470.0	1.1	7.5	6.7	-2
13 EQ MORGANTON	Burke	5	6	236	4	1713.0	1.3	5.0	4.5	1
13 EQ SPRUCE PINE	Mitchell	3	3	179	3	1010.0	0.8	3.6	3.2	0
13 EQ BURNSVILLE	Yancey	5	6	325	5	2688.0	2.1	7.1	6.4	0
13 EQ MARSHALL	Madison	5	5	223	3	3300.0	2.6	6.0	5.4	0
13 EQ MARION CRANE		1	1		0	0.0	0.0	0.0	0.0	1
	TOTALS	43	51	2,650.7	41.3	22,629.0	17.6	58.9	53.0	-2

Division Fourteen

Division/Shop Location	County	Equipment Mechanics		Total VEU's	Positions Needed per VEU's	Work for Other Agencies, on Facilities, & Fueling (Hours)	Work for Other Agencies, on Facilities, & Fueling (Positions)	Total Equipment Mechanic Needs (Positions)	Industry Standard Equipment Mechanic Needs (90%)	Over(+) or Understaffed(-) (Positions)
		Employee Count	Position Count							
14 EQ SYLVA	Jackson	9	10	710.0	11.1	132.0	0.1	11.2	10.0	0
14 EQ HENDERSONV	Henderson	4	5	408.7	6.4	387.0	0.3	6.7	6.0	-1
14 EQ ROSMAN	Transylvania	1	2	115.3	1.8	142.0	0.1	1.9	1.7	0
14 EQ COLUMBUS	Columbus	2	2	110.8	1.7	28.0	0.0	1.7	1.6	0
14 EQ JUNALUSKA	Haywood	3	3	261.6	4.1	448.0	0.3	4.4	4.0	-1
14 EQ FRANKLIN	Macon	4	4	248.8	3.9	6.0	0.0	3.9	3.5	1
14 EQ MARBLE	Cherokee	4	4	467.3	7.3	3146.0	2.5	9.7	8.8	-5
14 EQ HAYESVILLE	*Clay	2	2		0.0					2
14 EQ ROBBINSVILLE	*Graham	2	2		0.0					2
14 EQ BRYSON CITY	*Swain	2	2		0.0					2
	TOTALS	33	36	2,322.4	36.2	2,427.6	3.3	39.5	35.6	0

* These shops report info to another shop

Traffic Services Data														Signals						weighted average rank	
Division	Total Traffic Services Related Positions	R a n k	Division Area Sq. Miles	R a n k	Division Population	R a n k	Interstate Lane Miles	R a n k	Total Pavement Lane Miles	R a n k	Paved Lane Miles per Traffic Services Position	R a n k	Overhead Signs	R a n k	# of State MaintainedS ignals	R a n k	# of Electronic Tech Positions	R a n k	Signals per Electronic Tech Position		R a n k
1	33	11	4572	1	263,605	14	30	13	10228	12	310	10	0	14	271	13	4	13	68	12	11.5
2	34	8	4168	3	498,612	11	0	14	10269	11	302	12	174	8	258	14	6	4	43	11	10.1
3	40	1	4434	2	691,214	6	348	9	11770	6	294	13	771	3	324	9	8	2	41	13	5.6
4	34	9	3480	7	587,369	8	605	5	13450	3	396	1	164	9	472	5	5	7	94	5	5.8
5	39	2	3220	9	1,451,414	1	797	2	14237	1	365	4	1273	1	481	3	10	1	48	4	2.5
6	35	5	4008	6	680,254	7	450	8	12801	4	366	3	215	5	317	10	5	7	63	7	6.4
7	35	6	2460	11	908,955	3	861	1	11570	7	331	9	210	6	343	8	4	13	86	1	6.9
8	38	3	4095	4	519,117	9	315	10	13944	2	367	2	120	12	428	6	5	7	86	8	6.1
9	32	12	2184	14	747,941	4	630	4	10757	10	336	8	232	4	312	11	5	7	62	6	8.7
10	36	4	2445	12	1,441,587	2	756	3	11141	8	309	11	1015	2	474	4	7	3	68	3	5.4
11	32	13	3316	8	372,794	12	200	12	10910	9	341	6	143	11	287	12	5	7	57	14	10.4
12	35	7	2352	13	741,919	5	474	7	12659	5	362	5	99	13	548	1	6	4	91	2	6.5
13	30	14	3155	10	502,926	10	502	6	10137	13	338	7	204	7	495	2	6	4	83	9	8.2
14	34	10	4040	5	357,522	13	267	11	9354	14	275	14	145	10	357	12	5	7	71	10	11.0
category rank		6%		11%		5%		12%		26%				14%		20%		6%			
Average	35		3424		697,516		445		11659		335		340		383		6		69		

Roadside Environmental Data Table 1

Division	Total Roadside Positions	R a n k	Turf (Acres)	R a n k	Brush & Tree (Acres)	R a n k	Stationary Objects (Acres)	R a n k	Rest Areas (Each)	R a n k	Seeding & Mulching (Acres)	R a n k	Plant Beds (Acres)	R a n k	Stormwater Mgt Devices (Each)	R a n k	table 1 weighted average rank	table 1 weighted average rank
1	28	2	3711	4	143	10	260	11	7	1	90	14	18	14	62	8	7.9	7.1
2	20	11	3184	8	129	14	223	14	3	8	198	9	21	13	167	3	10.1	10.1
3	27	3	3342	5	159	6	301	5	3	8	196	10	65	6	101	6	6.1	9.1
4	32	1	5520	1	193	1	378	1	7	1	787	1	61	8	207	2	2.3	5.5
5	26	5	3742	3	179	2	333	4	3	8	225	8	65	7	566	1	4.8	6.1
6	23	8	3760	2	178	3	337	2	3	8	506	2	55	9	48	10	5.6	7.1
7	19	12	3183	9	150	7	282	8	3	8	158	13	125	2	108	5	7.6	7.9
8	15	14	3328	6	172	4	299	6	2	14	286	5	116	3	118	4	6.8	8.5
9	23	9	2920	12	139	12	259	12	4	7	181	11	35	11	34	13	10.9	8.9
10	18	13	3066	11	143	11	336	3	3	8	180	12	210	1	59	9	8.5	9.4
11	25	6	2756	13	146	9	261	10	5	5	253	6	32	12	41	12	9.4	7.1
12	23	10	3236	7	160	5	288	7	5	5	243	7	48	10	48	11	7.7	5.9
13	27	4	3115	10	146	8	278	9	6	3	339	3	95	4	72	7	6.0	6.0
14	24	7	2699	14	133	13	243	13	6	3	287	4	92	5	25	14	9.1	6.3
category weight		11%		17%		15%		7%		13%		10%		17%		10%		
Average	24		3397		155		291		4		281		74		118		further review needed	

Roadside Environmental Data (Values shown per Roadside position) Table 2

Division	Total Roadside Positions	R a n k	Turf (Acres)	R a n k	Brush & Tree (Acres)	R a n k	Stationary Objects (Acres)	R a n k	Rest Areas (Each)	R a n k	Seeding & Mulching (Acres)	R a n k	Plant Beds (Acres)	R a n k	Stormwater Mgt Devices (Each)	R a n k	table 2 weighted avg rank
1	28	2	132.5	6	5.1	4	9.3	7	0.3	9	3.2	12	0.6	9	2.2	9	7.1
2	20	11	159.2	14	6.5	12	11.2	6	0.2	12	9.9	6	1.1	8	8.4	8	10.1
3	27	3	123.8	11	5.9	11	11.1	11	0.1	6	7.3	2	2.4	13	3.7	13	9.1
4	32	1	172.5	9	6.0	8	11.8	1	0.2	1	24.6	14	1.9	4	6.5	4	5.5
5	26	5	143.9	7	6.9	3	12.8	10	0.1	8	8.7	3	2.5	7	21.8	7	6.1
6	23	8	163.5	1	7.7	14	14.7	13	0.1	3	22.0	13	2.4	5	2.1	5	7.1
7	19	12	167.5	8	7.9	1	14.9	14	0.2	2	8.3	9	6.6	11	5.7	11	7.9
8	15	14	221.8	13	11.5	13	19.9	12	0.1	5	19.0	10	7.8	1	7.9	1	8.5
9	23	9	126.9	10	6.1	2	11.2	9	0.2	7	7.9	11	1.5	12	1.5	12	8.9
10	18	13	170.3	12	7.9	5	18.7	5	0.2	13	10.0	4	11.7	10	3.3	10	9.4
11	25	6	110.2	5	5.8	6	10.4	4	0.2	4	10.1	1	1.3	14	1.6	14	7.1
12	23	10	140.7	3	7.0	10	12.5	2	0.2	10	10.5	8	2.1	2	2.1	2	5.9
13	27	4	115.4	2	5.4	7	10.3	3	0.2	14	12.5	5	3.5	6	2.7	6	6.0
14	24	7	112.5	4	5.5	9	10.1	8	0.3	11	11.9	7	3.8	3	1.0	3	6.3
Average	24		147		7		13		0.2		12		4		5		

Construction Data

Division	# of Division Tech Positions	# of Filled Division Tech Positions	# of Filled CEI Tech Positions	% CEI Utilization	# of Active Projects	R a n k	Total Value of Active Projects (in \$M)	R a n k	Project Amt per (Div+CEI)T ech (in \$M)	R a n k	Pre-STI 5- Year Plan (in \$M)	R a n k	STI 10-Year Plan Statewide Tier Only (in \$M)
1	44	32	25	44%	31	9	\$ 312	7	\$ 5.5	5	\$ 1,649	1	\$ -
2	46	40	2	5%	20	14	\$ 97	14	\$ 2.3	13	\$ 557	10	\$ 114
3	69	52	73	58%	30	10	\$ 554	3	\$ 4.4	7	\$ 942	5	\$ 269
4	56	52	17	25%	23	13	\$ 222	9	\$ 3.2	10	\$ 353	13	\$ 7
5	70	51	11	18%	42	4	\$ 349	6	\$ 5.6	2	\$ 886	6	\$ 4,080
6	44	37	40	52%	39	6	\$ 423	5	\$ 5.5	3	\$ 854	8	\$ 80
7	63	49	65	57%	48	3	\$ 879	1	\$ 7.7	1	\$ 1,117	4	\$ 324
8	53	49	7	13%	30	11	\$ 154	12	\$ 2.8	12	\$ 722	9	\$ -
9	55	47	36	43%	42	5	\$ 430	4	\$ 5.2	6	\$ 870	7	\$ 167
10	72	62	94	60%	52	1	\$ 854	2	\$ 5.5	4	\$ 1,379	2	\$ 1,790
11	42	33	8	20%	30	12	\$ 163	11	\$ 4.0	8	\$ 408	12	\$ 32
12	45	45	27	38%	33	8	\$ 252	8	\$ 3.5	9	\$ 1,187	3	\$ 582
13	55	50	22	31%	38	7	\$ 219	10	\$ 3.0	11	\$ 528	11	\$ 533
14	58	52	23	31%	52	2	\$ 121	13	\$ 1.6	14	\$ 325	14	\$ -
Average	55	47	32		36		\$ 359		\$ 4.3		\$ 841		

Excluded due to delays from third party lawsuits:
C202185 (B-2500) - Division 1 - Bonner Bridge Replacement.
C202587 (R-3329) - Division 10 (NCTA) - Monroe Bypass.

Projects include those in HiCAMS - may exclude some local projects
STI numbers reflect statewide tier only - about 40% of STI program
Pre-STI 5-year plan as of FFY '13
Position snapshot as of August 2014

Span of Control for Key Supervisory Staff

Key Supervisory Positions the Field Divisions	in # State- wide															Total Supervised	Average Direct- Reports per Supervisor
		By Divisions - # of Direct reports for Listed Positions															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Division Engineer (14)	14	11	10	9	13	10	11	11	12	9	11	9	11	8	9	144	10.3
Deputy Division Engineer (2)	2	N/A	N/A	N/A	N/A	4	N/A	0	N/A	N/A	5	N/A	N/A	N/A	N/A	9	4.5
Division Maintenance Engineer (14)	14	16	12	11	9	12	10	9	10	9	10	11	13	4	10	146	10.4
Division Construction Engineer (14)	14	7	6	4	8	7	3	7	6	8	10	5	6	5	5	87	6.2
Division Operations Engineer (14)	14	5	5	7	4	6	3	7	8	4	5	4	6	6	4	74	5.3
Division Traffic Engineer (14)	14	2	2	3	7	5	4	6	2	3	2	4	4	3	3	50	3.6
Division Bridge Maintenance Engineer (14)	14	7	7	3	7	6	6	5	7	5	5	5	5	5	4	77	5.5
Division Roadside Environmental Engineer (14)	14	10	4	3	12	3	2	4	2	5	4	8	5	3	3	68	4.9
Division Equipment Superintendent (14)	14	14	6	7	13	12	6	5	13	6	11	15	9	7	4	128	9.1
Traffic Services Supervisor (or Equiv) (14)	14	18	4	6	5	4	2	65	5	4	3	3	4	2	6	131	9.4
District Engineers (40)	40	22	43	16	28	24	23	18	10	9	29	14	27	12	12	287	7.2
County Maintenance Engineers (85)	85	32	24	26	35	281	26	34	27	32	40	53	26	21	22	679	8.0
Resident Engineer (Typ) (47)	47	12	8	16	8	20	16	20	16	12	16	8	12	12	12	188	4.0
Mechanic Supervisors - VERTS (117)	117	40	38	33	51	41	39	34	38	40	36	40	40	51	36	557	4.8
Total	417															2625	