

ENTERED JUL 02 2009

<p align="center"><b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b></p>	*STATE ASSIGNED ID	[ ] [ ] [ ] [ ]
	*STATE CODE	[37]
	*SHRP SECTION ID	[1817]

**1. ANNUAL TRAFFIC ESTIMATES**

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL=S/YR LTPP LANE (1000'S)
<u>1993</u>	<u>11450</u>	<u>847</u>	<u>4575</u>	<u>403</u>	<u>118</u>

**2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)**

- ☒ Growth factored last year=s estimate. (6)
- ☐ Estimated based on volume counts at nearby locations. (3)
- ☐ Used computerized network analyses. (4)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Average multiple counts taken this year at the LTPP site. (2)
- ☐ Average and factored multiple count taken this year at the LTPP site. (5)
- ☐ Used flow maps. (7)
- ☐ Other: (8)

**3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)**

- ☐ Used system averages from counts taken this year. (6)
- ☐ Used count data from nearby sites. (3)
- ☐ Used count data from previous years at the LTPP site. (7)
- ☒ Used system averages from previous years. (8)
- ☐ Used computerized network analyses. (4)
- ☐ Used a single count taken this year at the LTPP site. (5)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)
- ☐ Other: (9)

**4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT**

- ☐ System distribution factors. (2)
- ☐ Based on actual lane count data. (1)
- ☒ Other: (3) Growth factor

**\*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT**

- ☐ System distribution factors. (2)
- ☐ Based on actual lane data count. (1)
- ☒ Other: (3) Growth Factor

**\*6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE**

- ☒ ESAL/Truck factor (1)
- ☐ ESAL/Vehicle class. (2) (No. of classes)
- ☐ ESAL/Axle(3) Sing. ☐ Tand. ☐ Tri. ☐
- ☐ Other: (4)

**7. ESAL ESTIMATES - SOURCE OF DATA**

- ☐ Weight data collected at LTPP site prior years. (2)
- ☐ Weight data from system averages this year. (3)
- ☒ Weight data from system averages prior years. (4)
- ☐ Weight data from historic W-4 Tables used. (5)
- ☐ Other: (6)

**8. WEIGHT SCALE TYPE**

- ☐ WIM scale. (1)
- ☐ Static scale used for enforcement. (2)
- ☒ Static scale not used for enforcement. (3)
- ☐ Other: (4)

NAME OF PREPARER Abida Ikram. PHONE# \_\_\_\_\_

DATE PREPARED JUL 02/09 rev. March 12, 2001

TABLE 2B - NORTH CAROLINA TRAFFIC ESTIMATES (SHEET 10 DATA) LOADED IN THE DATABASE

7/2/2009

STATE _CODE	SHRP	Site Info	YEAR_MON _EST	R	AADT	TRUCK AADT	AADT GPS LANE	TRUCK AADT GPS LANE	TRUCK AADT GPS LANE *	AVC	WIM	ESAL's/YR (X's 1000)	% TRAFFIC ON GPS	% TRUCK TRAFFIC ON GPS LANE	% TRUCKS	% TRUCKS ON GPS LANE	ESAL'S TRUCK
37	1817		Used 3%		3% is the change between given values - for 1990-1991 used 1992 values - 3%												
37	1817		1990	E	10444	773	4168	367	133882								
37	1817		1991	E	10767	797	4297	378	138023			101	39.9	47.5	7.4	8.8	0.8
37	1817		1992	E	11100	821	4430	390	142292			104	39.9	47.5	7.4	8.8	0.8
			daofr-176		For 1993, use average of 1992 and 1994							114	39.9	47.5	7.4	8.8	0.8
37	1817	Crankle BA 7/2/09 US 311 SB 4 lane road	1993		11450	847	4575	403	146949	68540	288168						
37	1817		1994	E	11800	873	4720	415	151606	69344		118	40.0	47.5	7.4	8.8	0.8
37	1817		1995									121	40.0	47.6	7.4	8.8	0.8
37	1817		1996	E	12794	943	4980	436	159140	142822	103690						
37	1817		1997	D	13534	1056	5353	479	174835	177572		111	38.9	46.2	7.4	8.8	0.7
37	1817		1998	E	15258	1262	5929	548	200020	177546	161864	122	39.6	45.4	7.8	8.9	0.7
37	1817		1999		15716	1300	6107	564	206021	199216	198925	144	38.9	43.4	8.3	9.2	0.7
37	1817		2000		18187	1339	6290	581	212201	231699			38.9	43.4	8.3	9.2	0.7
37	1817		2001	E	16328	1355	6110	562	205174	163941	159105	149	38.9	43.4	8.3	9.2	0.7
37	1817		2002		16818	1396	6293	579	211329	164797	174107	144	37.4	41.5	8.3	9.2	0.7
37	1817		2003	E	16654	1382	6232	573	209271				37.4	41.5	8.3	9.2	0.7
37	1817		2004		17154	1424	6419	591	215549	211739	197919	146	37.4	41.5	8.3	9.2	0.7
37	1817		2005		17668	1466	6612	608	222015	240596	238722	151	37.4	41.5	8.3	9.2	0.7
37	1817		2006		18198	1510	6810	627	228676	248984	239873	155	37.4	41.5	8.3	9.2	0.7
37	1817		2007		18744	1556	7014	645	235536	261928	251956	160	37.4	41.5	8.3	9.2	0.7
37	1817		2008		19307	1602	7225	665	242602			166	37.4	41.5	8.3	9.2	0.7
37	1817		2009									170	37.4	41.5	8.3	9.2	0.7
37	1817		2010														
37	1992	US 421 SB 4 lane road	1990	E	5000	1055	2500	548	199838								
37	1992		1991	E	4900	1034	2450	537	195841			140	50.0	51.9	21.1	21.9	0.7
37	1992		1992	E	4327	915	1934	423	154395			137	50.0	51.9	21.1	21.9	0.7
37	1992		1993	E	4808	1017	2149	471	171915			124	44.7	46.2	21.1	21.9	0.8
37	1992		1994	E	5343	1130	2388	524	191260			138	44.7	46.3	21.2	21.9	0.8
37	1992		1995	E	5937	1256	2654	583	212795			154	44.7	46.4	21.1	21.9	0.8
37	1992		1996	E	6597	1396	2949	648	236520			172	44.7	46.4	21.2	22.0	0.8
			1997		7298	1484	3264	688	250938	271560		192	44.7	46.4	21.2	22.0	0.8
37	1992		1998	E	7998	1572	3579	727	265355	255135	255552	201	44.7	46.3	20.3	21.1	0.8
			1999		For 1997, use avg of 1996 & 1998							212	44.7	46.2	19.7	20.3	0.8
			2000						289888	306755	303558						
			2001	D	9082	1984	3934	848	309520	294704	313019						
			2002						306755	289263		248	43.3	42.7	21.8	21.6	0.8
			2003						305945	315821							
			2004						301887	318750							
			2005						325570	313339							
			2006						319091	320379							
			2007		Use 2%					343356	330322						
			2008		10432	2279	4519	974	355541	330210	324145						
			2009							2%	3%	284					
37	2819		1981	E	1000	120	400	48	17520			12	40.0	40.0	12.0	12.0	0.7
37	2819		1982	E	1300	170	520	69	25185			17	40.0	40.6	13.1	13.3	0.7
37	2819		1983	E	1800	240	720	95	34675			23	40.0	39.6	13.3	13.2	0.7
37	2819		1984	E	2400	300	960	118	43070			30	40.0	39.3	12.5	12.3	0.7
37	2819		1985	E	3000	350	1200	140	51100			36	40.0	40.0	11.7	11.7	0.7
37	2819		1986	E	3500	330	1400	133	48545			34	40.0	40.3	9.4	9.5	0.7
37	2819		1987	E	4642	660	1860	266	97090			77	40.1	40.3	14.2	14.3	0.8
37	2819		1988	E	4996	720	2000	288	105120			79	40.0	40.0	14.4	14.4	0.8
37	2819		1989	E	5900	800	2360	321	117165			88	40.0	40.1	13.6	13.6	0.8
37	2819		1990	E	6600	812	2640	341	124304			99	40.0	42.0	12.3	12.9	0.8
37	2819		1991	E	7400	910	2960	382	139372			111	40.0	42.0	12.3	12.9	0.8
37	2819		1992		14600	1796	5840	753	274976	201183		192	40.0	42.0	12.3	12.9	0.8
37	2819		1993		14495	1783	5393	696	253911	183964	215131		40.0	42.0	12.3	12.9	0.7
37	2819		1994		16287	2003	6059	782	285294	175548	133928						