

**Attachment 3 A - PM 2.5 SIP**  
**2002 PM 2.5 On Road Emissions Inventories**  
**(Tons)**

SEASON 1 (JAN-APR)		Days	2002					
			direct PM2.5		precursor NO <sub>x</sub>		SO <sub>2</sub>	
			Daily	seasonal	Daily	seasonal	Daily	seasonal
			Major Roads - Starts	120	---	---	20.85	2,502.24
Major Roads - VMT	120	4.16	499.32	245.18	29,421.96	10.19	1,222.56	
Destination	120	---	---	---	---	---	---	
Local Roads	120	0.21	25.44	12.48	1,498.08	0.76	91.20	
Diurnal	120	---	---	---	---	---	---	
Resting Loss	120	---	---	---	---	---	---	
School Buses	76	0.33	24.98	4.86	369.44	0.17	12.96	
Transit Buses	120	0.25	30.55	6.04	724.74	0.16	19.26	
Auto Access	83	0.01	1.01	2.09	173.64	0.05	4.42	
<b>Total (Daily)</b>		4.97		291.51		11.33		
<b>SEASON TOTAL</b>			581.31		34,690.09		1,350.39	

SEASON 2 (MAY-SEP)		Days	2002					
			direct PM2.5		precursor NO <sub>x</sub>		SO <sub>2</sub>	
			Daily	seasonal	Daily	seasonal	Daily	seasonal
			Major Roads - Starts	153	---	---	13.74	2,101.91
Major Roads - VMT	153	4.12	630.51	213.71	32,697.78	6.75	1,033.21	
Destination	153	---	---	---	---	---	---	
Local Roads	153	0.20	31.06	9.95	1,521.89	0.44	67.47	
Diurnal	153	---	---	---	---	---	---	
Resting Loss	153	---	---	---	---	---	---	
School Buses	83	0.32	26.20	4.81	399.47	0.17	14.37	
Transit Buses	153	0.25	37.71	5.99	915.81	0.16	24.88	
Auto Access	107	0.01	1.23	1.48	158.45	0.03	3.03	
<b>Total (Daily)</b>		4.90		249.68		7.56		
<b>SEASON TOTAL</b>			726.72		37,795.31		1,142.95	

SEASON 3 (OCT-DEC)		Days	2002					
			direct PM2.5		precursor NO <sub>x</sub>		SO <sub>2</sub>	
			Daily	seasonal	Daily	seasonal	Daily	seasonal
			Major Roads - Starts	92	---	---	19.35	1,780.38
Major Roads - VMT	92	3.93	361.84	231.50	21,297.63	10.31	948.43	
Destination	92	---	---	---	---	---	---	
Local Roads	92	0.20	18.68	11.93	1,097.19	0.77	70.75	
Diurnal	92	---	---	---	---	---	---	
Resting Loss	92	---	---	---	---	---	---	
School Buses	55	0.27	14.77	4.77	262.16	0.17	9.42	
Transit Buses	92	0.22	20.66	5.78	531.39	0.16	14.74	
Auto Access	61	0.01	0.73	1.99	121.13	0.05	3.29	
<b>Total (Daily)</b>		4.64		275.30		11.46		
<b>SEASON TOTAL</b>			416.68		25,089.89		1,046.63	

1,724.71                      97,575.29

<b>ANNUAL TOTAL</b>			<b>1,724.71</b>		<b>97,575.29</b>		<b>3,539.97</b>
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