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## Notice of Comment Period and Public Hearing Rockingham Planning Commission 2011-2014 TIP Amendment #4

The FY 2011-2014 Transportation Improvement Program (TIP) is a prioritized list of federal and state funded regional transportation projects developed by NH DOT and representatives from the communities of the Rockingham Planning Commission (RPC) region. The RPC announces its intent to amend the TIP to account for project changes and to maintain consistency with the State Transportation Improvement Program (STIP). The project specific changes to the TIP, the supporting documentation, and the most recent Air Quality Conformity Analysis, can be found on the Rockingham Planning Commission website at <http://www.rpc-nh.org>.

The RPC, in consultation with NH DOT, NH DES, US EPA, FHWA, FTA and the other NH MPO's, has confirmed that the revisions do trigger a new conformity determination of the SE NH 8-hour Ozone Nonattainment Area. Revisions have been made to the air quality analysis for the RPC MPO portion of the Ozone Nonattainment Area and the Carbon Monoxide Maintenance Area and to the air quality analyses for the Strafford MPO portion of the Ozone Nonattainment Area. Those analyses have demonstrated that the proposed changes would conform to the specified emission budgets in the State Implementation Plan.

A 30-day public comment period for the Amendments begins Monday, December 12<sup>th</sup>, 2011 and concludes on Tuesday, January 10<sup>th</sup>, 2012. A public hearing to consider the changes and any received comments is scheduled for **Wednesday January 11<sup>th</sup>, 2012, beginning at 7:00 PM** at the Town Hall in Newton (2 Town Hall Road). The Planning Commission will meet after the public hearing to adopt the changes to the TIP.

Copies of all documents are available at the RPC offices, on the website at <http://www.rpc-nh.org>, and will be sent to interested parties by request. Written comments will also be accepted through January 10<sup>th</sup>, 2011 and may be addressed to:

Rockingham Planning Commission  
156 Water Street  
Exeter, NH 03833  
Email: [email@rpc-nh.org](mailto:email@rpc-nh.org) with TIP/Plan amendments in the subject line

For more information please contact David Walker at Rockingham Planning Commission at (603) 778-0885.

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# 2011-2014 STIP REVISION REPORT

December 2011



Name	State#	Rte/Street:	Overall Project Cost \$(M)	Location/Scope of Work	CAA Code	Comments	Open Analysis FY	MPO	
Regionally Significant	Grouped / Parent	Adv Const Payback	Fiscal Year	Phase	Fed\$	DOT\$	Other\$	Tot\$	Funding Category

## Full Amendments

ANDOVER 20650	NH 11	3.013	REPLACE 5-SPAN BRIDGE OVER NHRR(ABD) - 206/137							
	<b>Proposed</b>			<b>P</b>	<b>2013</b>	.062	.000	.000	<b>.062</b>	STP-State Flexible
					<b>2014</b>	.034	.009	.000	<b>.043</b>	
				<b>R</b>	<b>2013</b>	.010	.000	.000	<b>.010</b>	
					<b>2014</b>	.017	.004	.000	<b>.021</b>	
7991				<b>Totals</b>		.123	.013	.000	<b>.136</b>	

CHESTERFIELD 13597	NH 63	.710	RECONSTRUCT TO IMPROVE SAFETY ADJACENT TO SPOFFORD LAKE IN THE AREA OF THE "S-CURVES" FROM NORTH SHORE ROAD SOUTHERLY APPROXIMATELY 0.5 MILES {STP-Safety}							ATT
	<b>Existing</b>			<b>R</b>	<b>2011</b>	.055	.000	.000	<b>.055</b>	STP-Safety
		<i>2011 AC Conversion</i>		<b>C</b>	<b>2012</b>	.363	.091	.000	<b>.454</b>	
2747				<b>Totals</b>		.418	.091	.000	<b>.509</b>	

CHESTERFIELD 13597	NH 63	.779	RECONSTRUCT TO IMPROVE SAFETY ADJACENT TO SPOFFORD LAKE IN THE AREA OF THE "S-CURVES" FROM NORTH SHORE ROAD SOUTHERLY APPROXIMATELY 0.5 MILES {STP-Safety}							ATT
	<b>Proposed</b>			<b>P</b>	<b>2012</b>	.055	.000	.000	<b>.055</b>	STP-Safety
		<i>2011 AC Conversion</i>		<b>R</b>	<b>2012</b>	.055	.000	.000	<b>.055</b>	
				<b>C</b>	<b>2013</b>	.454	.000	.000	<b>.454</b>	
2747				<b>Totals</b>		.564	.000	.000	<b>.564</b>	

Phase: P - Preliminary Engineering R - Right of Way C - Construction

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Name State#	Rte/Street:	Overall Project		Location/Scope of Work	CAA Code		Comments		MPO
		Cost \$(M)			Open	Analysis FY			
Regionally Significant	Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
DURHAM - NEWMARKET 13080	NH 108	5.156	CONSTRUCT 4' BIKE SHOULDERS FROM OYSTER RIVER BRIDGE TO DAME ROAD AND SANBORN AVE IN NEWMARKET (3.4MI) STP & [98-17TE] (TE Program)						E-33
	<b>Existing</b>		P	2011	.060	.000	.000	.060	STP-Enhancement
			C	2013	.176	.000	.000	.176	Equity Bonus (Flexible)
				2013	4.047	.000	.000	4.047	STP-Areas Less Than 200K
				2013	.229	.000	.000	.229	STP-Enhancement
2296			<b>Totals</b>		4.512	.000	.000	4.512	
DURHAM - NEWMARKET 13080	NH 108	1.556	CONSTRUCT 4' BIKE SHOULDERS FROM OYSTER RIVER BRIDGE TO DAME ROAD AND SANBORN AVE IN NEWMARKET (3.4MI) STP & [98-17TE] (TE Program)						E-33
	<b>Proposed</b>		P	2011	.060	.000	.000	.060	STP-Enhancement
				2012	.550	.000	.000	.550	
2296			<b>Totals</b>		.610	.000	.000	.610	
DURHAM - NEWMARKET 13080B	NH 108	4.452	CONSTRUCT 4' BIKE SHOULDERS FROM OYSTER RIVER BR. TO DURHAM / NEWMARKET T/L AND HAMEL BROOK BR. TO SANBORN AVE [98-17TE] (STP & TE PROGRAM) (Parent=13080)						
	<b>Proposed</b>		C	2014	3.546	.000	.000	3.546	STP-Areas Less Than 200K
				2014	.905	.000	.000	.905	STP-Enhancement
7981			<b>Totals</b>		4.452	.000	.000	4.452	
NASHUA 14815		.913	PURCHASE TWO NEW CNG BUSES (CMAQ Program) [06-13CM]						N/E
	<b>Proposed</b>		C	2012	.730	.000	.183	.913	FHWA to FTA Previous Transfer
6225			<b>Totals</b>		.730	.000	.183	.913	

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Name State#	Rte/Street:	Overall Project		Location/Scope of Work	CAA		Comments		MPO	
		Cost \$(M)			Code	Open Analysis FY				
Regionally Significant		Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
NASHUA 22179	US 3		.244							
	<b>Proposed</b>			<b>P</b>	<b>2012</b>	.244	.000	.000	<b>.244</b>	Transportation & Community & System Prese
8315				<b>Totals</b>		.244	.000	.000	<b>.244</b>	
PORTSMOUTH 13455A	US 1 BYPASS		3.200							
	<b>Existing</b>			<b>C</b>	<b>2012</b>	2.642	.660	.000	<b>3.302</b>	STP-Areas Less Than 200K
<i>Regionally Significant</i> 7431				<b>Totals</b>		2.642	.660	.000	<b>3.302</b>	
PORTSMOUTH 13455A	US 1 BYPASS		4.368							
	<b>Proposed</b>			<b>C</b>	<b>2012</b>	4.368	.000	.000	<b>4.368</b>	STP-Areas Less Than 200K
<i>Regionally Significant</i> 7431				<b>Totals</b>		4.368	.000	.000	<b>4.368</b>	
PORTSMOUTH 13516	WOODBURY AVE / MARKET STREET		.100							N/E
	<b>Existing</b>			<b>C</b>	<b>2012</b>	.070	.000	.018	<b>.088</b>	Congestion Mitigation and Air Quality Progra
<i>Regionally Significant</i> 2961				<b>Totals</b>		.070	.000	.018	<b>.088</b>	
PORTSMOUTH 13516	WOODBURY AVE / MARKET STREET		.116							N/E <b>2017</b>
	<b>Proposed</b>			<b>P</b>	<b>2012</b>	.012	.003	.000	<b>.015</b>	Congestion Mitigation and Air Quality Prograr
				<b>R</b>	<b>2012</b>	.001	.000	.000	<b>.001</b>	
				<b>C</b>	<b>2012</b>	.068	.000	.017	<b>.085</b>	
<i>Regionally Significant</i> 2961				<b>Totals</b>		.081	.003	.017	<b>.101</b>	

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Name	State#	Rte/Street:	Overall Project Cost \$(M)	Location/Scope of Work	CAA Code	Comments Open Analysis FY	MPO		
Regionally Significant	Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
PORTSMOUTH 14368	I-95	.330	INTERCHANGE IMPROVEMENTS @ MARKET STREET				E-53		
	<b>Existing</b>		C	2012	.557	.000	.062	.619	Interstate Maintenance
3284				<b>Totals</b>	.557	.000	.062	.619	
PORTSMOUTH 14368	I-95	.667	INTERCHANGE IMPROVEMENTS @ MARKET STREET				E-53		
	<b>Proposed</b>		P	2012	.012	.003	.000	.015	National Highway System
			C	2012	.540	.000	.060	.600	Interstate Maintenance
3284				<b>Totals</b>	.552	.003	.060	.615	
RAYMOND 20818	DUDLEY ROAD	.261	REMOVAL OF BRIDGE, WINGS, AND PIER OVER LAMPREY RIVER - 083/154 {Red List}						
	<b>Proposed</b>		P	2013	.005	.000	.000	.005	STP-State Flexible
				2014	.004	.001	.000	.005	
			R	2013	.005	.000	.000	.005	
				2014	.004	.001	.000	.005	
			C	2014	.192	.048	.000	.240	
7993				<b>Totals</b>	.211	.050	.000	.261	
ROCHESTER- SOMERSWORTH- DOVER-NEWINGTON- PORTSMOUTH 13880	SPAULDING TPK	.800	"EXPRESS" BUS SERVICE FOR GENERAL PUBLIC BETWEEN ROCHESTER & PORTSMOUTH TO HAVE TIMELY CONNECTIONS WITH INTER-CITY & LOCAL TRANSPORTATION SERVICES [02-29CM] [ARRA]				N/E		
	<b>Proposed</b>		P	2012	.028	.000	.007	.035	FHWA to FTA Previous Transfer
			C	2012	.612	.000	.153	.765	
<i>Regionally Significant</i> 3706				<b>Totals</b>	.640	.000	.160	.800	

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		Cost \$(M)			Code	Open Analysis FY			
Regionally Significant	Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
STATEWIDE CRDR *	VARIOUS	(Annual)	CULVERT REPLACEMENT/REHABILITATION & DRAINAGE REPAIRS (Annual Project)						E-19
	<b>Existing</b>		<b>P</b>	<b>2011</b>	.325	.000	.000	<b>.325</b>	STP-State Flexible
				<b>2012</b>	.120	.030	.000	<b>.150</b>	
				<b>2013</b>	.080	.020	.000	<b>.100</b>	
				<b>2014</b>	.080	.020	.000	<b>.100</b>	
			<b>R</b>	<b>2011</b>	.070	.000	.000	<b>.070</b>	
				<b>2012</b>	.024	.006	.000	<b>.030</b>	
				<b>2013</b>	.024	.006	.000	<b>.030</b>	
				<b>2014</b>	.024	.006	.000	<b>.030</b>	
			<b>C</b>	<b>2011</b>	1.300	.000	.000	<b>1.300</b>	
				<b>2012</b>	.352	.088	.000	<b>.440</b>	
				<b>2013</b>	.484	.121	.000	<b>.605</b>	
				<b>2014</b>	.696	.174	.000	<b>.870</b>	
4157	<u>Grouped</u>		<b>Totals</b>		3.579	.471	.000	<b>4.050</b>	
STATEWIDE CRDR *	VARIOUS	(Annual)	CULVERT REPLACEMENT/REHABILITATION & DRAINAGE REPAIRS (Annual Project)						E-19
	<b>Proposed</b>		<b>P</b>	<b>2011</b>	.000	.000	.000	<b>.000</b>	STP-State Flexible
				<b>2012</b>	.124	.000	.000	<b>.124</b>	
				<b>2013</b>	.100	.000	.000	<b>.100</b>	
				<b>2014</b>	.080	.020	.000	<b>.100</b>	
			<b>R</b>	<b>2011</b>	.000	.000	.000	<b>.000</b>	
				<b>2012</b>	.030	.000	.000	<b>.030</b>	
				<b>2013</b>	.030	.000	.000	<b>.030</b>	
				<b>2014</b>	.024	.006	.000	<b>.030</b>	
			<b>C</b>	<b>2011</b>	.170	.000	.000	<b>.170</b>	
				<b>2012</b>	.870	.000	.000	<b>.870</b>	
				<b>2013</b>	.870	.000	.000	<b>.870</b>	
				<b>2014</b>	.696	.174	.000	<b>.870</b>	
4157	<u>Grouped</u>		<b>Totals</b>		2.994	.200	.000	<b>3.194</b>	

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Regionally Significant	Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
STATEWIDE FBRPI	PRESERVATION	(Annual)	BRIDGE REHABILITATION, PAINTING, PRESERVATION & IMPROVEMENT PROJECTS (Federal Program)					E-19	
	<b>Existing</b>		<b>P</b>	<b>2011</b>	.450	.000	.000	<b>.450</b>	Bridge On/Off System
				<b>2012</b>	.076	.019	.000	<b>.095</b>	
				<b>2013</b>	.076	.019	.000	<b>.095</b>	
				<b>2014</b>	.080	.020	.000	<b>.100</b>	
			<b>R</b>	<b>2011</b>	.040	.000	.000	<b>.040</b>	
				<b>2012</b>	.012	.003	.000	<b>.015</b>	
				<b>2013</b>	.012	.003	.000	<b>.015</b>	
				<b>2014</b>	.016	.004	.000	<b>.020</b>	
			<b>C</b>	<b>2011</b>	16.000	.000	.000	<b>16.000</b>	
				<b>2012</b>	6.304	1.576	.000	<b>7.880</b>	
				<b>2013</b>	3.904	.976	.000	<b>4.880</b>	
				<b>2014</b>	3.104	.776	.000	<b>3.880</b>	
6601	<b>Grouped</b>		<b>Totals</b>		30.074	3.396	.000	<b>33.470</b>	
STATEWIDE FBRPI	PRESERVATION	(Annual)	BRIDGE REHABILITATION, PAINTING, PRESERVATION & IMPROVEMENT PROJECTS (Federal Program)					E-19	
	<b>Proposed</b>		<b>P</b>	<b>2011</b>	.425	.000	.000	<b>.425</b>	Bridge On/Off System
				<b>2012</b>	.100	.000	.000	<b>.100</b>	
				<b>2013</b>	.100	.000	.000	<b>.100</b>	
				<b>2014</b>	.080	.020	.000	<b>.100</b>	
			<b>R</b>	<b>2011</b>	.030	.000	.000	<b>.030</b>	
				<b>2012</b>	.040	.010	.000	<b>.050</b>	
				<b>2013</b>	.020	.000	.000	<b>.020</b>	
				<b>2014</b>	.016	.004	.000	<b>.020</b>	
			<b>C</b>	<b>2011</b>	15.596	.000	.000	<b>15.596</b>	
				<b>2012</b>	7.880	.000	.000	<b>7.880</b>	
				<b>2013</b>	7.880	.000	.000	<b>7.880</b>	
				<b>2014</b>	6.304	1.576	.000	<b>7.880</b>	
6601	<b>Grouped</b>		<b>Totals</b>		38.471	1.610	.000	<b>40.081</b>	

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Regionally Significant	Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
STATEWIDE RR-RCS *	RAIL	(Annual)	RECONSTRUCTION OF CROSSINGS, SIGNALS, & RELATED WORK (Annual Project)						E-1
	<b>Existing</b>		<b>P</b>	<b>2011</b>	.108	.012	.000	<b>.120</b>	STP-Rail
				<b>2012</b>	.027	.003	.000	<b>.030</b>	
				<b>2013</b>	.027	.003	.000	<b>.030</b>	
				<b>2014</b>	.027	.003	.000	<b>.030</b>	
			<b>R</b>	<b>2013</b>	.009	.001	.000	<b>.010</b>	
				<b>2014</b>	.009	.001	.000	<b>.010</b>	
			<b>C</b>	<b>2011</b>	2.185	.115	.000	<b>2.300</b>	
				<b>2012</b>	.170	.030	.000	<b>.200</b>	
				<b>2013</b>	.180	.020	.000	<b>.200</b>	
				<b>2014</b>	.720	.080	.000	<b>.800</b>	
1147	<b>Grouped</b>		<b>Totals</b>		3.462	.268	.000	<b>3.730</b>	
STATEWIDE RR-RCS *	RAIL	(Annual)	RECONSTRUCTION OF CROSSINGS, SIGNALS, & RELATED WORK (Annual Project)						E-1
	<b>Proposed</b>		<b>P</b>	<b>2011</b>	.060	.000	.000	<b>.060</b>	STP-Rail
				<b>2012</b>	.065	.007	.000	<b>.072</b>	
				<b>2013</b>	.072	.000	.000	<b>.072</b>	
			<b>R</b>	<b>2012</b>	.016	.002	.000	<b>.018</b>	
				<b>2013</b>	.018	.000	.000	<b>.018</b>	
				<b>2014</b>	.016	.002	.000	<b>.018</b>	
			<b>C</b>	<b>2011</b>	2.185	.000	.000	<b>2.185</b>	
				<b>2012</b>	1.215	.135	.000	<b>1.350</b>	
				<b>2013</b>	1.350	.000	.000	<b>1.350</b>	
				<b>2014</b>	1.215	.135	.000	<b>1.350</b>	
1147	<b>Grouped</b>		<b>Totals</b>		6.212	.281	.000	<b>6.493</b>	

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		Cost \$(M)	Location/Scope of Work	Adv Const	Fiscal	Fed\$	DOT\$	Other\$	Tot\$	Funding Category	Open Analysis FY		
Regionally Significant	Grouped / Parent	Payback	Phase	Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category				
STATEWIDE RRRPD	RAIL	(Annual)	REMOVE EXISTING PROTECTIVE DEVICES & RELOCATE @ CROSSINGS (Annual Project) E-8										
	Existing		P	2011	.020	.000	.000	.020	STP-Rail				
				2012	.020	.000	.000	.020					
				2013	.020	.000	.000	.020					
				2014	.020	.000	.000	.020					
			R	2011	.010	.000	.000	.010					
				2012	.010	.000	.000	.010					
				2013	.010	.000	.000	.010					
				2014	.010	.000	.000	.010					
			C	2011	.150	.000	.000	.150					
				2012	.150	.000	.000	.150					
				2013	.150	.000	.000	.150					
				2014	.150	.000	.000	.150					
637			<b>Totals</b>		.720	.000	.000	.720					

Grouped

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Regionally Significant	Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
STATEWIDE SRTS	VARIOUS	(Annual)	SAFE ROUTES TO SCHOOL PROGRAM [Parent] [SRTS] {Safe Routes To School Program}						ATT
	<b>Existing</b>		<b>P</b>	<b>2011</b>	.000	.158	.079	<b>.236</b>	State Aid Hwy
				<b>2012</b>	.250	.000	.000	<b>.250</b>	Safe Routes to School
			<b>R</b>	<b>2011</b>	.002	.000	.000	<b>.002</b>	
				<b>2012</b>	.010	.000	.000	<b>.010</b>	
			<b>C</b>	<b>2011</b>	.379	.000	.000	<b>.379</b>	
				<b>2012</b>	.900	.000	.000	<b>.900</b>	
6002	<b>Grouped</b>		<b>Totals</b>		1.540	.158	.079	<b>1.777</b>	
STATEWIDE SRTS	VARIOUS	(Annual)	SAFE ROUTES TO SCHOOL PROGRAM [Parent] [SRTS] {Safe Routes To School Program}						ATT
	<b>Proposed</b>		<b>P</b>	<b>2011</b>	.600	.000	.000	<b>.600</b>	Safe Routes to School
				<b>2012</b>	.400	.000	.000	<b>.400</b>	
				<b>2013</b>	.000	.000	.000	<b>.000</b>	
				<b>2014</b>	.000	.000	.000	<b>.000</b>	
			<b>R</b>	<b>2011</b>	.050	.000	.000	<b>.050</b>	
				<b>2012</b>	.050	.000	.000	<b>.050</b>	
				<b>2013</b>	.000	.000	.000	<b>.000</b>	
				<b>2014</b>	.000	.000	.000	<b>.000</b>	
			<b>C</b>	<b>2011</b>	1.000	.000	.000	<b>1.000</b>	
				<b>2012</b>	.400	.000	.000	<b>.400</b>	
				<b>2013</b>	.000	.000	.000	<b>.000</b>	
				<b>2014</b>	.000	.000	.000	<b>.000</b>	
6002	<b>Grouped</b>		<b>Totals</b>		2.500	.000	.000	<b>2.500</b>	
STATEWIDE TRAC		.261	IMPLEMENT AND PARTICIPATE IN AASHTO TRAC PROGRAM IN LOCAL HIGH SCHOOLS TO ENCOURAGE STUDENTS TO EXPLORE OPPORTUNITIES IN TRANSPORTATION CAREERS [Parent] (Annual Project)						
	<b>Proposed</b>		<b>P</b>	<b>2012</b>	.022	.000	.000	<b>.022</b>	STP-State Flexible
				<b>2013</b>	.023	.000	.000	<b>.023</b>	
				<b>2014</b>	.019	.005	.000	<b>.023</b>	
8285			<b>Totals</b>		.063	.005	.000	<b>.068</b>	

Phase: P - Preliminary Engineering R - Right of Way C - Construction

Normal Text = Information as it appears in latest Approved STIP (11-14)

STIP Revision 04

Name	State#	Rte/Street:	Overall Project Cost \$(M)	Location/Scope of Work	CAA Code	Comments	Open Analysis FY	MPO	
Regionally Significant	Grouped / Parent	Adv Const Payback	Phase	Fiscal Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category
STATEWIDE UBI	ENG & ROW	(Annual)	UNDERWATER BRIDGE INSPECTION (Annual Project)					E-38	
	<b>Existing</b>		<b>P</b>	<b>2011</b>	.030	.000	.000	<b>.030</b>	Bridge On/Off System
				<b>2012</b>	.024	.006	.000	<b>.030</b>	
				<b>2013</b>	.024	.006	.000	<b>.030</b>	
				<b>2014</b>	.024	.006	.000	<b>.030</b>	
186	<b>Grouped</b>		<b>Totals</b>		.102	.018	.000	<b>.120</b>	
STATEWIDE UBI	ENG & ROW	(Annual)	UNDERWATER BRIDGE INSPECTION (Annual Project)					E-38	
	<b>Proposed</b>		<b>P</b>	<b>2011</b>	.025	.000	.000	<b>.025</b>	Bridge On/Off System
				<b>2012</b>	.050	.000	.000	<b>.050</b>	
				<b>2013</b>	.050	.000	.000	<b>.050</b>	
				<b>2014</b>	.040	.010	.000	<b>.050</b>	
186	<b>Grouped</b>		<b>Totals</b>		.165	.010	.000	<b>.175</b>	

Phase: P - Preliminary Engineering R - Right of Way C - Construction

Normal Text = Information as it appears in latest Approved STIP (11-14)

Name	State#	Rte/Street:	Overall Project							CAA	Comments	MPO
			Cost \$(M)	Location/Scope of Work		Adv Const		Fiscal		Code	Open Analysis FY	
Regionally Significant			Grouped / Parent	Phase	Year	Fed\$	DOT\$	Other\$	Tot\$	Funding Category		

Phase: P - Preliminary Engineering R - Right of Way C - Construction

Normal Text = Information as it appears in latest Approved STIP (11-14)

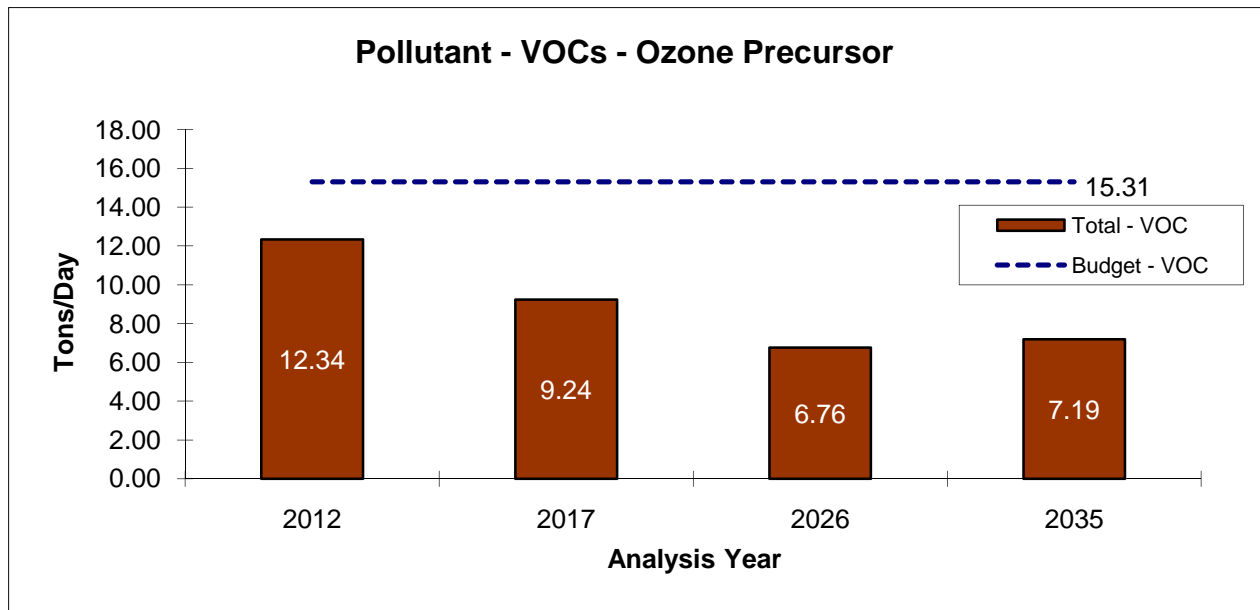
# Boston-Manchester-Portsmouth (Southeast), New Hampshire; 8-Hour Ozone Area

## Summary of Conformity Tests

December 8, 2011

**Table S-1: Volatile Organic Compounds (VOCs)**

MPO	Analysis Year			
	2012	2017	2026	2035
Nashua Regional Planning Commission	2,461	1,871	1,415	1,521
Rockingham Planning Commission	3,703	2,711	1,911	1,979
Southern NH Planning Commission	3,954	2,989	2,219	2,419
Strafford Regional Planning Commission	1,075	815	584	600
Total (Kg/Day)	11,193	8,386	6,129	6,519
Total* (Ton/Day)	12.34	9.24	6.76	7.19
Budget** (Ton/Day)	15.31	15.31	15.31	15.31



\* Conversion Factor for Kilograms (Kg) to Tons = 907.18486 (Source: EPA)

\*\* MVEB included in NH SIP: Federal Register, Vol. 74, No. 38 - February 27, 2009

Prepared by: New Hampshire Department of Transportation

Data provided by:

- Nashua Regional Planning Commission
- Rockingham Planning Commission
- Southern NH Planning Commission
- Strafford Regional Planning Commission

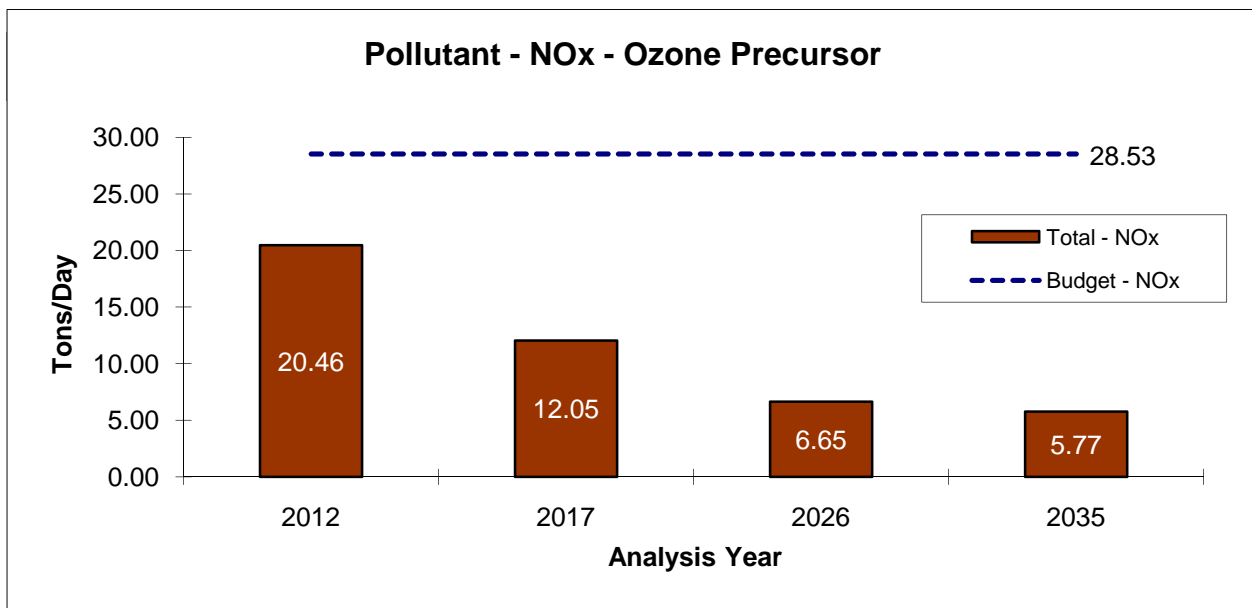
# Boston-Manchester-Portsmouth (Southeast), New Hampshire; 8-Hour Ozone Area

## Summary of Conformity Tests

December 8, 2011

**Table S-2: Nitrogen Oxides (NOx)**

MPO	Analysis Year			
	2012	2017	2026	2035
Nashua Regional Planning Commission	3,997	2,359	1,377	1,210
Rockingham Planning Commission	6,544	3,815	1,957	1,656
Southern NH Planning Commission	6,214	3,667	2,112	1,871
Strafford Regional Planning Commission	1,803	1,087	586	500
Total (Kg/Day)	18,558	10,928	6,032	5,237
Total* (Ton/Day)	20.46	12.05	6.65	5.77
Budget** (Ton/Day)	28.53	28.53	28.53	28.53



\* Conversion Factor for Kilograms (Kg) to Tons = 907.18486 (Source: EPA)

\*\* MVEB included in NH SIP: Federal Register, Vol. 74, No. 38 - February 27, 2009

Prepared by: New Hampshire Department of Transportation

Data provided by:

- Nashua Regional Planning Commission
- Rockingham Planning Commission
- Southern NH Planning Commission
- Strafford Regional Planning Commission

## Manchester and Nashua, New Hampshire; Carbon Monoxide Maintenance Areas

### Summary of Conformity Tests

December 8, 2011

**Table S-3: Carbon Monoxide (CO)  
City of Manchester, NH**

Year	Daily VMT	CO (Kg/day)	CO (ton/day*)	CO Budget** (ton/day)	
2012	1,925,111	25,828	28.47	55.83	PASS
2017	2,005,767	22,952	25.30	55.83	PASS
2026	2,290,190	23,614	26.03	55.83	PASS
2035	2,441,946	24,739	27.27	55.83	PASS

**Table S-4: Carbon Monoxide (CO)  
City of Nashua, NH**

Year	Daily VMT	CO (Kg/day)	CO (ton/day*)	CO Budget** (ton/day)	
2012	1,908,540	26,063	28.73	60.13	PASS
2017	2,038,442	23,687	26.11	60.13	PASS
2026	2,241,605	23,144	25.51	60.13	PASS
2035	2,398,626	24,168	26.64	60.13	PASS

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\* Conversion Factor for Kilograms (Kg) to Tons = 907.18486 (Source: EPA)

\*\* Carbon Monoxide Emissions Budget from Maintenance Plans

\*\*\* Carbon Monoxide tests have been adjusted to travel on a typical winter day

Prepared by: New Hampshire Department of Transportation

Data provided by:

- Nashua Regional Planning Commission
- Southern NH Planning Commission