# **APPENDIX D**

AIR QUALITY CONFORMITY ANALYSIS: AN ASSESSMENT OF THE 2040 LONG RANGE TRANSPORTATION PLAN The Lima Metropolitan Planning Organization (MPO/Lima, Ohio Urbanized Area) is initiating a new conformity analysis/determination for its 2040 Transportation Plan Update and its 2018-2021 Transportation Improvement Program. This new conformity process is in response to Federal Highway Administration's (FHWA's) April 23, 2018 guidance requiring conformity analyses for "orphaned" United States Environmental Protection Agency, (US EPA) 1997 Ozone standard areas.

<b>Attainment Status:</b>	1997 8-hour Ozone Maintenance Area
Geography:	Allen County, OH (LACRPC MPO area)
SIP Status:	Ohio 8-Hour SIP Resignation Plan Final Rule – Budgets revised for MOVES – 78
	FR 34906 - June 11, 2013

The MPO is submitting this conformity analysis to establish and document the air quality impacts of its 2040 Transportation Plan Update and its current 2018-2021 Transportation Improvement Program.

#### Interagency Consultation:

The conformity analysis is being undertaken with the support and collaboration of the USEPA, Ohio-EPA, Ohio-FHWA, Ohio Department of Transportation (ODOT) and the MPO. ODOT's Office of Statewide Planning & Research provided guidance and its Office of Modeling & Forecasting has historically worked to demonstrate conformity with the National Ambient Air Quality Standards (NAAQS) and compliance with the State Implementation Plan (SIP) designed to achieve and maintain NAAQS across Ohio.

- Latest Planning Assumptions The MPO worked with local governments, the Transit Authority, and ODOT to establish baseline population, land use and traffic conditions. The MPO's travel demand model reflects the 2016 variables, encapsulated within each of the model's 395 traffic analysis zones (TAZs), public transportation services by type and levels of service, and the existing and proposed roadway network thru 2040. The 2040 Plan's socioeconomic variables were developed and based upon the 2016 American Community Survey (ACS) data, the 2015/2016 employment data was obtained from both QCEW and Info USA, and population projections were developed by the Ohio Development Service Agency (ODSA). TAZ variables were updated for the 2040 Plan Update to reflect: total population, population in households by age cohort, population in group quarters, workers in households, total households, income, school enrollment parsed by grade, hotel rooms, total vehicles available, average parking costs, and employment by NAICS code. Such variables are provided by the MPO for each analysis year and used to generate trip tables for 2018, 2020, 2030 and 2040.
- Latest Emission Modeling The MPO is served by a newly updated travel demand model, that combined with the latest planning assumptions, is used to generate emissions in Allen County. The new travel demand model was validated in 2017. The 2018, 2020, 2030 and 2040 roadway networks/operating conditions, established for this conformity analysis, reflect the phased implementation of the 2040 Transportation Plan Update.
- The Conformity Analysis The conformity analysis is required to use MOVES2014a. The analysis integrates and analyzes only regionally significant projects. Table D-1 reflects the non-exempt projects within the 2040 Plan Update, inclusive of the 2018-2021 Transportation Improvement Program projects, by year of construction, for conformity analysis purposes. The Plan Update includes no other regionally significant projects that would contribute to increased VMT or higher vehicle emissions.

TABLE D-1 NONEXEMPT PROJECTS BY YEAR OF CONSTRUCTION								
Project	Project Description	Year						
Leonard Avenue	Extend Leonard Avenue south to 4 <sup>th</sup> Street. Make necessary intersection modifications to accommodate WB-67 vehicle design.	2027						
North Street	Widen North Street to 5 lanes between Metcalf Street and Jameson Avenue.	2032						
Bellefontaine & Kibby	Construct a signalized 4-leg intersection of Bellefontaine, Kibby, and Collins. SB Collins will require 2-12' lanes with LT lane. WB Bellefontaine will require 2 LT lanes, 1 Thru lane, and one THRT lane. NB Kibby will require 2 LT and 2 RT lanes. EB Bellefontaine will require 1 LT, 1 Thru, and 1 THRT lane. Kibby & Industry Ave. to be signalized; a roundabout is an alternative.	2034						

- **Conformity Process Schedule** Air quality conformity runs were initiated mid-May 2018 by the MPO. Preliminary analyses were prepared by ODOT and submitted to OEPA and FHWA in June. The schedule was developed to offer the opportunity for comments from ODOT, OEPA, FHWA and the public.
  - Public Involvement The MPO presented the DRAFT NOx and VOC data to the MPOs internal committee structure in late June for Plan years 2018, 2020, 2030 and 2040. Such data was also included in the 2nd DRAFT of the 2040 Transportation Plan Update released in July for public comment. The MPO's public outreach included meetings with environmental groups, neighborhood associations, local governments, and advisory committees throughout July and August 2018. The DRAFT Plan inclusive of the Conformity Analysis were also made available at the local public library, the Transit Authority and the County Courthouse as well as at the Allen County Fair.
  - Adoption of 2040 Plan Update & 2018-2021 TIP Conformity Determination The MPO is scheduled to adopt the 2040 Plan Update and the 2018-2021 TIP Conformity determination upon completion of the public involvement process in August 2018. The MPO Policy Board adopted the 2040 Transportation Plan Update and the 2018-2021 TIP Conformity Analysis on August 23, 2018.
  - Approval of Other State & Federal Agencies After MPO adoption the 2040 Transportation Plan Update and the 2018-2021 TIP Conformity Analysis and comments will be circulated with state and federal stakeholders for their review and perusal.
- Conformity Test & 1997 Standard Ozone SIP Budget Tests
  - **Conformity Tests**: 8-Hour budget tests of the LACRPC Plan/TIP analysis year networks
  - Analysis Years: 2020 1<sup>st</sup> Analysis Year (Current TIP year)
    - 2030 Interim year
      - 2040 Plan Horizon Year
- **Conformity Documentation** Table D-2 provides the model summary of emissions by type and year. The data in Table D-2 was provided by ODOTs Office of Modeling & Forecasting and is reflective of their work. Email transmittals with raw processed data is attached to document ODOT's calculations and findings. Table D-3 confirms the ozone emissions do not exceed the 2018 budgets for VOC or NOx in any of the analysis years (2020, 2030 2040). Attachments also reflect the status of stakeholder input received as of the date of the Plans adoption by the MPO.

		Γ	TABLE D-2 MODEL SUMMA	RY		
Year	Туре	VMT/VEH	HC	NO <sub>x</sub>	SO2	PM2.5
	LINK	3,521,400	0.638	4.343	0.000	0.000
2019	VEH	99,132	1.431	1.022	0.000	0.000
2018	INTRA	12,206	0.003	0.012	0.000	0.000
	TOTAL	3,533,606	2.073	5.376	0.000	0.000
	LINK	3,291,325	0.562	1.905	0.000	0.000
2020	VEH	119,489	1.377	0.716	0.000	0.000
2020	INTRA	9,630	0.002	0.006	0.000	0.000
	TOTAL	3,300,955	1.942	2.627	0.000	0.000
	LINK	3,452,309	0.283	0.776	0.000	0.000
2030	VEH	129,966	0.872	0.433	0.000	0.000
2030	INTRA	10,141	0.001	0.002	0.000	0.000
	TOTAL	3,462,450	1.156	1.211	0.000	0.000
	LINK	3,609,335	0.203	0.458	0.000	0.000
2040	VEH	140,355	0.633	0.301	0.000	0.000
2040	INTRA	10,789	0.001	0.001	0.000	0.000
	TOTAL	3,620,124	0.837	0.760	0.000	0.000

TABLE D-3 1997 8-HOUR STANDARD OZONE BUDGET TESTS												
Allen County	Allen County 2018 Budget 2020 Emissions 2030 Emissions 2040 Emissions											
OC	2.38	1.942	1.156	.837								
NO <sub>x</sub>	6.18	2.627	1.211	.760								

## Marlene Schumaker

From:	Dave.Moore1@dot.ohio.gov
Sent:	Friday, July 13, 2018 11:12 AM
To:	'M Schumaker'
Subject:	FW: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

Marlene,

include US EPA confirmation email stream in the T-Plan transportation conformity interagency consultation documentation.

Thanks DM

From: Maietta, Anthony [mailto:maietta.anthony@epa.gov]
Sent: Friday, July 13, 2018 10:32 AM
To: Moore, David <Dave.Moore1@dot.ohio.gov>; Mehlo, Noel <noel.mehlo@dot.gov>; McKenzie, Stewart (FTA)
<Stewart.Mckenzie@dot.gov>
Cc: 'M Schumaker' <mschumaker@lacrpc.com>; Van Newhouse, Christopher
<Christopher.VanNewhouse@dot.ohio.gov>
Subject: RE: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

EPA concurs with their procedures

Sorry Dave! I think I owe you a response on a couple other emails which I'm going through again now.

-Tony

Anthony Maietta EPA Region 5 (312) 353-8777 <u>maietta.anthony@epa.gov</u>

From: Dave.Moore1@dot.ohio.gov [mailto:Dave.Moore1@dot.ohio.gov]
Sent: Tuesday, July 10, 2018 7:17 AM
To: Maietta, Anthony <maietta.anthony@epa.gov>; noel.mehlo@dot.gov; McKenzie, Stewart (FTA)
<Stewart.Mckenzie@dot.gov>
Cc: 'M Schumaker' <mschumaker@lacrpc.com>; Christopher.VanNewhouse@dot.ohio.gov
Subject: FW: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

All,

Sorry, but I've lost track as to whether you have responded to Lima's interagency consultation 1997 Ozone conformity determination procedures. Please review the attached file and respond with comments and/or concurrence.

Thanks DM From: Moore, David Sent: Thursday, June 28, 2018 7:42 AM

To: 'Oesterling, Leigh (leigh.oesterling@dot.gov)' <Leigh.Oesterling@dot.gov>; Maleski, Michael <<u>Michael.Maleski@epa.ohio.gov</u>>; Anthony Maietta (<u>Maietta.Anthony@epamail.epa.gov</u>) <<u>Maietta.Anthony@epamail.epa.gov</u>>; 'McKenzie, Stewart (FTA)' <<u>Stewart.Mckenzie@dot.gov</u>> Cc: 'tmazur@lacrpc.com' <<u>tmazur@lacrpc.com</u>>; Giaimo, Gregory <<u>Greg.Giaimo@dot.ohio.gov</u>>; HILL, ANTHONY <<u>ANTHONY.HILL@dot.ohio.gov</u>>; 'M Schumaker' <<u>mschumaker@lacrpc.com</u>>; Van Newhouse, Christopher <<u>Christopher.VanNewhouse@dot.ohio.gov</u>>

Subject: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

All,

The Lima-Allen County Regional Planning Commission (LACRPC), the MPO for the Lima, Ohio urbanized area is completing its five year Transportation Plan update. Attached is the MPO's proposed approach and schedule for demonstrating Transportation Plan and 2018-2021 TIP conformity to the 1997 Ozone standard. Conformity will be demonstrated based on SIP 2018 mobile budget tests. Please review this documentation and respond with comments and/or concurrence.

Thanks DM

## **Marlene Schumaker**

From:	Michael.Maleski@epa.ohio.gov
Sent:	Monday, July 02, 2018 2:22 PM
To:	leigh.oesterling@dot.gov; Greg.Giaimo@dot.ohio.gov; Dave.Moore1@dot.ohio.gov; Anthony
•	Maietta (Maietta Anthony@epamail.epa.gov); McKenzie, Stewart (FTA)
Cc:	tmazur lacrpc.com; ANTHONY.HILL@dot.ohio.gov; 'M Schumaker';
Subject:	Christopher.VanNewhouse@dot.ohio.gov; noel.mehlo@dot.gov RE: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

All,

Ohio EPA concurs with the Lima 2040 Transportation Plan Conformity Analysis Summary.

Thanks, Mike Maleski Ohio EPA - Division of Air Pollution Control

From: Oesterling, Leigh (FHWA) <Leigh.Oesterling@dot.gov>

Sent: Thursday, June 28, 2018 8:24 AM

To: Giaimo, Gregory <Greg.Giaimo@dot.ohio.gov>; Moore, David <Dave.Moore1@dot.ohio.gov>; Maleski, Michael <Michael.Maleski@epa.ohio.gov>; Anthony Maietta (Maietta.Anthony@epamail.epa.gov)

<Maietta.Anthony@epamail.epa.gov>; McKenzie, Stewart (FTA) <Stewart.Mckenzie@dot.gov>

**Cc:** tmazur lacrpc.com <tmazur@lacrpc.com>; HILL, ANTHONY <ANTHONY.HILL@dot.ohio.gov>; 'M Schumaker' <mschumaker@lacrpc.com>; Van Newhouse, Christopher <Christopher.VanNewhouse@dot.ohio.gov>; Mehlo, Noel <noel.mehlo@dot.gov>

Subject: RE: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

The Lima-Allen County Metropolitan Transportation Plan will expire on September 26, 2018. FHWA & FTA (US DOT) cannot make its joint conformity determination, until after the MPO board makes a conformity determination on the plan. US DOT also requests the concurrence of EPA prior to making its conformity determination, and EPA usually requests to see the outcome of public involvement efforts and the MPO Board resolution prior to providing their concurrence. All this to say, with the MPO board adoption date of September 27, 2018, we can expect the Lima-Allen County MPO to be in a plan expiration for likely a week or two (until FHWA/FTA, with concurrence from EPA, can complete their conformity determination), during which time, no TIP amendments can be made.

If possible, we would prefer an earlier MPO board adoption of the plan. If not possible, we just want everyone aware of the impact of an expired plan. We will work with all the agencies to expedite our efforts on making a conformity determination to minimize these impacts.

Thanks, Leigh

Leigh A. Oesterling, Planning & Environmental Team Leader Federal Highway Administration – Ohio Division 200 N. High Street, Room 328 Columbus, OH 43215 (614) 280-6837 leigh.oesterling@dot.gov From: Greg.Giaimo@dot.ohio.gov [mailto:Greg.Giaimo@dot.ohio.gov] Sent: Thursday, June 28, 2018 7:59 AM To: Dave.Moore1@dot.ohio.gov; Oesterling, Leigh (FHWA) <Leigh.Oesterling@dot.gov>; Michael.Maleski@epa.ohio.gov; Anthony Maietta (Maietta.Anthony@epamail.epa.gov) <Maietta.Anthony@epamail.epa.gov>; McKenzie, Stewart (FTA) <<u>Stewart.Mckenzie@dot.gov</u>> Cc: tmazur lacrpc.com <<u>tmazur@lacrpc.com</u>>; <u>ANTHONY.HILL@dot.ohio.gov</u>; 'M Schumaker' <<u>mschumaker@lacrpc.com</u>>; <u>Christopher.VanNewhouse@dot.ohio.gov</u> Subject: RE: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

The characterization of the conformity analysis methodology and modeling elements is accurate.

<u>Gregory T. Giaimo, P.E.</u> *Transportation Engineer IV* ODOT Office of Statewide Planning and Research 1980 W. Broad Street, MS 3280, Columbus, Ohio 43223 614.752.5738 <u>transportation.ohio.gov</u>

Sent: Thursday, June 28, 2018 7:42 AM To: Oesterling, Leigh <<u>leigh.oesterling@dot.gov</u>>; Maleski, Michael <<u>Michael.Maleski@epa.ohio.gov</u>>; Anthony Maietta (<u>Maietta.Anthony@epamail.epa.gov</u>) <<u>Maietta.Anthony@epamail.epa.gov</u>>; McKenzie, Stewart (FTA) <<u>Stewart.Mckenzie@dot.gov</u>> Cc: 'tmazur@lacrpc.com' <tmazur@lacrpc.com>; Giaimo, Gregory <Greg.Giaimo@dot.chio.gov>; HUL, ANTHONY

Cc: 'tmazur@lacrpc.com' <<u>tmazur@lacrpc.com</u>>; Giaimo, Gregory <<u>Greg.Giaimo@dot.ohio.gov</u>>; HILL, ANTHONY <<u>ANTHONY.HILL@dot.ohio.gov</u>>; 'M Schumaker' <<u>mschumaker@lacrpc.com</u>>; Van Newhouse, Christopher <<u>Christopher.VanNewhouse@dot.ohio.gov</u>>

Subject: Lima-Allen County MPO - Interagency Consultation - 1997 Ozone Standard Conformity

All,

From: Moore, David

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Thanks

DM

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**Did You Know:** Children of parents who talk to their teens about drugs are up to 50% less likely to use. Start the conversation: StartTalking.Ohio.Gov

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## Lisa Steffen

From: Sent: To: Subject: Attachments: Sophia Finlayson-Schueler [sfinlayson@lacrpc.com] Monday, August 27, 2018 11:55 AM 'Lisa Steffen' FW: Lima AQ numbers summarize\_rpts2.xlsx

From: <u>Greg.Giaimo@dot.ohio.gov</u> [<u>mailto:Greg.Giaimo@dot.ohio.gov</u>] Sent: Thursday, May 31, 2018 1:19 PM To: <u>Dave.Moore1@dot.ohio.gov</u>; Lima (Tom Mazur) <<u>tmazur@lacrpc.com</u>>; Jim Patterson <<u>ipatterson@lacrpc.com</u>>; Sophia Finlayson-Schueler <<u>sfinlayson@lacrpc.com</u>>; <u>Andrew.Shepler@dot.ohio.gov</u> Subject: Lima AQ numbers

Let me know what else you need for the documentation. According to the budget numbers Dave sent all years pass for all pollutants. The big drop in Nox between 2018 and 2020 is mostly due to the new version of MOVES which has much lower out year Nox.

Gregory T. Giaimo, P.E.

Transportation Engineer IV ODOT Office of Statewide Planning and Research 1980 W. Broad Street, MS 3280, Columbus, Ohio 43223 614.752.5738 transportation.ohio.gov

MOVES	BASED	EMISSIONS	REPORT			
2002	Model	Ozone	SIP	Update	in	2012 GTG
Loaded	Network:	I:\ut\mpo\	model\lim\	omse\Base'	\sip04_in12\sip02	_in12\LIM02J24ASNSIP.NET
Network	Emission	Factors:	l:\ut\mpo\	model\lim\	aq\ozone_sipin12	2\2002LACRPC_ozone_3source_rpd.csv
Vehicle	Emission	Factors:	I:\ut\mpo\	model\lim\	aq\ozone_sipin12	2\2002LACRPC_ozone_3source_rpv.csv
Vehicle	Population	:	l:\ut\mpo\	model\lim\	aq\ozone_sipin12	2\STP2002LACRPC.csv
Intrazonal	Trips	:	l:\ut\mpo\	model\lim\	omse\Base\sip04	_in12\sip02_in12\LIM02TBVSIP.MAT
Area	File	(sq	mi):	I:\ut\mpo\	,model\lim\omse <sup>\</sup>	\INPUTS\AREAA.prn
Volume	Field	Used:	VOL24_TO	Т		
Truck	Volume	Field	Used:	NONE		
Capacity	Field	Used:	CAP24			

CMS/AQ REPORT POSTCMS1 UPDATED DEC 2009, GTG DATE:07/1: TIME:15:41:30

PARAMETE FILE DUMP (DAILY.DAT FILE)

HOUR		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
PCTADT URB	FWY		0.9	0.6	0.5	0.6	1	2.5	5.5	7.7	6.5	5.1	4.8	4.9	5.1	5.3	6.1	7.2	8	8.2	5.7	4	3.3
URB	ART		0.7	0.4	0.4	0.4	0.7	1.9	3.9	6	5.5			6	6.4				8.1	7.9		4.6	3.8
RUR	FWY		1.4	1.1	1	1	1.4	2.4	3.9	5.3	5.3			5.6	5.7				7.5	7.1		4.4	3.7
RUR	ART		0.8	0.5	0.5	0.6	1.1	2.7	5.1	6.5	5.5			5.6	5.8	5.9	6.5	7.7	8.1	7.7		4.2	3.5
PCTADT	Ť																						
URB	FWY		2	1.7	1.7	2	2.4	3.1	4.1	4.8	5.6	6.2	6.4	6.5	6.5	6.5	6.3	5.8	5.1	4.6	4.1	3.6	3.2
URB	ART		0.9	0.8	0.8	1	1.4	2.3	4.1	6.3	7	7.1	7.2	7.7	7.7	7.4	7.6	7.3	6	4.8	3.5	2.6	2.2
RUR	FWY		2.5	2.2	2.1	2.3	2.7	3.2	3.6	4	4.6	5.1	5.5	5.7	5.8	5.8	5.7	5.6	5.4	5	4.7	4.4	4
RUR	ART		1.5	1.3	1.3	1.6	2.2	3	4.5	5.6	6.3	6.5	6.9	7	7	6.9	6.7	6.4	5.5	4.6	3.7	3.1	2.6
PCTDIR																							
URB	FWY		38	40	40	46	56	64	70	70	68			52	52				38	38		52	46
URB	ART		44	46	44	48	54	62	66	68	64	56		52	50				40	38		52	48
RUR	FWY		44	46	48	54	60	68	68	64	58	54		50	50				42	40		48	48
RUR	ART		40	42	44	48	58	66	72	68	60	56	54	50	50	50	50	46	40	38	46	50	46
LOS SPEEDVC	Е	VC		0	0.625	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11.25	11.875
curve1		75	75	75	75	75	75	74.9	74.8	74.6	74.2	73.5	72.3	70.5	67.8	64.2	59.5	54	47.7	41.2	34.9	28.9	23.7
curve2		70	70	70	70	70	70	70	69.9	69.8	69.6	69.2	68.4	67.1	65.1	62.2	58.2	53	47	40.5	33.9	27.7	22.2
curve3		65	65	65	65	65	65	65	65	65	64.9	64.8	64.4	63.8	62.6	60.5	57	52	45.4	37.8	29.9	22.7	16.7
curve4		60	60	60	60	60	60	60	60	60	59.9	59.8	59.6	59.1	58.2	56.7	54.3	50.8	46.1	40.3	33.8	27.3	21.3
curve5		55	55	55	55	55	55	55	55	55	55	55	54.9	54.7	54.3	53.6	52.3	50	46.5	41.5	35.3	28.5	21.9
curve6		60	60	60	60	60	60	60	60	59.9	59.8			59.1	58.5				53.1	50.7	47.9	44.7	41.1
curve7		55	55	55	55	55	55	55	55	54.9	54.9			54.2	53.8				49.3	47.3		42.1	39
curve8		50	50	50	50	50	50	50	50	49.9	49.9	49.8		49.4	49				45.4	43.8		39.5	36.8
curve9		45	45	45	45	45	45	45	45	45	44.9			44.4	44.1	43.6			40.9	39.4		35.5	33.1
curve10		50	50	50	50	49.9	49.8	49.7 49.7	49.4 49.4	49 48.9	48.4 48	47.5 46.7		45.1 42.5	43.5 39.6				34.9 25	32.4 21.4	29.8	27.3	24.9
curve11		50 50	50 50	50 50	50 50	50 50	49.9 49.9	49.7 49.8	49.4 49.6	48.9 49.1	48 48.2			42.5 41.4	39.6 37.5				25 18.7	21.4 14.9		15.3 9.2	12.9 7.2
curve12 curve13		50 40	50 40	50 40	50 40	40	49.9 40	49.8 39.9	49.0 39.8	49.1 39.5	48.2 39.2			41.4 36.7	37.3	33.5			26.4	23.7	21.1	9.2 18.5	16.1
curve13		40 40	40	40	40	40	39.9	39.8	39.6	39.1	38.5			34.3	32.1	29.4			20.4	17.7	15.1	12.8	10.1
curve14		40	40	40	40	40	39.9	39.7	39.4	38.8	37.9			32.3	29.5		23.2		17	14.3		9.9	8.2
curve16		35	35	35	35	35	34.9	34.8	34.5	34	33.2			28.5	26.1	23.5			15.2	12.8		8.9	7.4
curve17		35	35	35	35	35	34.9	34.7	34.4	33.9	33.1	32	30.3	28.3	25.8	23.1			14.9	12.5		8.6	7.2
curve18		35	35	35	35	35	34.9	34.6	34.2	33.5	32.4	30.9	28.8	26.3	23.4	20.4	17.4	14.6	12.1	9.9		6.6	5.4
curve19		30	30	30	30	30	29.9	29.8	29.5	29	28.2	27.1	25.6	23.7	21.5	19.1	16.6	14.2	12	10	8.3	6.8	5.6
curve20		30	30	30	30	30	29.9	29.7	29.4	28.9	28.1	26.9	25.3	23.4	21.1	18.6	16.1	13.6	11.4	9.5	7.8	6.4	5.3
curve21		30	30	30	30	30	29.9	29.7	29.3	28.7	27.7	26.2	24.4	22.1	19.6	17	14.4	12	9.9	8.1	6.6	5.4	4.4
VC	RATIO BASE	TO RUR2	LOS	С	ONVERSIC (VA	LUE Sł	OWN IS	Щ.	OWER	LIMIT F	OR	THAT	LOS)(URBA F	IOADS U	ISE	SPEED	BREAKS	BELOW F	FOR L	.OS	DETERMIN. (AL	L U	ISE THE
А		0	0	0																			
В		0.3	0	0.25																			
С		0.5	0.1	0.4																			
D		0.7	0.3	0.6																			
F		0.9	0.5	0.8																			

	22	23	5				
	2.8	2.1		1.5			
	2.9	1.9	)	1.3			
	3.2			1.9			
	2.7			1.3			
				_			
	2.9	2.6	5	2.3			
	1.7	1.4	Ļ	1.1			
	3.7	3.4	Ļ	3			
	2.3	2		1.7			
	42	42		40			
	46	46	;	46			
	44	46	,	44			
	44	44		44			
	12.5	13.125		13.75		14.375	
	19.2	15.5					
	17.6	13.8					
	12.1	8.6					
	16.2	12.2					
	16.1	11.5					
	37.3	33.4					
	35.7	32.2					
	33.9	30.9					
	30.5	27.8					
	22.6	20.4					
	10.8	9					
	5.7	4.5					
	13.9	12					
	9	7.6					
	6.8	5.6					
	6.1	5.1					
	5.9	4.9					
	4.4	3.6					
	4.6	3.8					
	4.3	3.6					
	3.6	2.9					
	0.0	2.5					
THE		BASE	VC'S		то		DETERMINI EXCEEDANCE)

F F+ F++	1. 1.	1 1.																	
						CTREFT	4000000		500	GIVEN	LOS	&	FF	SPEED}					
SPEED FFS	VC B	RATIO C		FOR E	URBAN F	SIREEIS	(HIGHEST	SPEED	FOR	GIVEN	105	0.	rr	SPEEDJ					
>47		2 3-				16 12													
>37 >32	3 3					13 10													
<33		5 1	9 13		9	7													
LEVEL	OF	SERVICE	THRESHOLI	BY	AREA														
NUM	LOS		N AT CENTRAL	MDO	COUNT	ES (CUY,FR													
	1 F 2 E	OTHER		MPOS	(AKRON	•			IES FROM	1)									
	3 E	OTHER		& MPO	PARTS COUNTI	OF	AREAS		1&		2 OUTSIDE	URBAN	IZEL AREA						
	4 E	RURAL	NON	IVIF O	COONT	5													
PEAK MAX	SPREADIN VC	IC MODEL RATIO	INFO FWY:	(SET	MAX 1.3	ITERATIO	ON: TO		0 TO	DISABLE	PEAK	SPREAD	NG)						
MAX	VC	RATIO	ART:		1.3														
MAX	ITERATIO	N: :	1000																
TRUCK	PCE:	:	2																
AQ	SEASON	FACTOR:	1.08																
MODEL	CLASS	PARAMET	re (Max		4 CLASSES	-	0-23	w/	NO	OVERLA		CLASS,		ATE ENTIRE		AS		UCK(1) OR	NOT(0))
CLS CLS	TRK BEG		0 1 0 0		0 0	0 0		0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
CLS	END	2			0	0		0	0	0	0	0	0	0	0	0	0	0	
CLS	NUM		1 3		0	0		0	0	0	0	0	0	0	0	0	0	0	
<b>→</b>	MOVES	NETWORI	K LINK	EMISSIC	ONS OUTPUT	-													
	COUNTY	MONTH		HC	NOX	SO2	PM2.5												
	ADA	JANUARY			0	0		0											
	ALL	JANUARY			0	0		0											
	ASD	JANUARY			0 0	0 0		0 0											
	ATB ATH	JANUARY JANUARY			0	0		0											
	AUG	JANUARY			0	0		0											
	BEL	JANUARY			0	0	0	0											
	BRO	JANUARY			0	0		0											
	BUT	JANUARY			0	0	-	0											
	CAR CHP	JANUARY JANUARY			0 0	0 0		0 0											
	CLA	JANUARY			0	0		0											
	CLE	JANUARY	0		0	0		0											
	CLI	JANUARY			0	0		0											
	COL	JANUARY			0	0 0		0 0											
	COS CRA	JANUARY JANUARY			0 0	0		0											
	CUY	JANUARY			õ	0		0											
	DAR	JANUARY			0	0		0											
	DEF	JANUARY			0	0		0											
	DEL	JANUARY JANUARY			0	0 0		0											
	ERI FAI	JANUARY			0	0		0											
	FAY	JANUARY			0	0		0											
	FRA	JANUARY	0		0	0	0	0											
	FUL	JANUARY			0	0		0											
	GAL GEA	JANUARY JANUARY			0 0	0 0	0 0	0 0											
	GRE	JANUARY			0	0	0	0											
	GUE	JANUARY			0	0	0	õ											
	HAM	JANUARY			0	0	0	0											

g

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				•		0
HAN	JANUARY	43349	0	0	0	0
HAR	JANUARY	2233	0	0	0	0
HAS	JANUARY	0	0	0	0	0
HEN	JANUARY	0	0	0	0	0
HIG	JANUARY	0	0	0	0	0
HOC	JANUARY	0	0	0	0	0
HOL	JANUARY	0	0	0	0	0
		0	õ	0	0	0
HUR	JANUARY			0	0	ō
JAC	JANUARY	0	0			0
JEF	JANUARY	0	0	0	0	
KNO	JANUARY	0	0	0	0	0
LAK	JANUARY	0	0	0	0	0
LAW	JANUARY	0	0	0	0	0
LIC	JANUARY	0	0	0	0	0
LOG	JANUARY	0	0	0	0	0
LOR	JANUARY	0	0	0	0	0
LUC	JANUARY	0	0	0	0	0
	JANUARY	õ	0	0	0	0
MAD		0	0	õ	0	0
MAH	JANUARY			0	õ	õ
MAR	JANUARY	0	0		0	o
MED	JANUARY	0	0	0		
MEG	JANUARY	0	0	0	0	0
MER	JANUARY	0	0	0	0	0
MIA	JANUARY	0	0	0	0	0
MOE	JANUARY	0	0	0	0	0
мот	JANUARY	0	0	0	0	0
MRG	JANUARY	0	0	0	0	0
MRW	JANUARY	0	0	0	0	0
	JANUARY	0	0	0	0	0
MUS		0	0 0	õ	0	0
NOB	JANUARY			0	0	0
оп	JANUARY	0	0			0
PAU	JANUARY	0	0	0	0	
PER	JANUARY	0	0	0	0	0
PIC	JANUARY	0	0	0	0	0
PIK	JANUARY	0	0	0	0	0
POR	JANUARY	0	0	0	0	0
PRE	JANUARY	0	0	0	0	0
PUT	JANUARY	0	0	0	0	0
RIC	JANUARY	0	0	0	0	0
ROS	JANUARY	0	0	0	0	0
SAN	JANUARY	0	0	0	0	0
	JANUARY	0	0	0	0	0
SCI		0	0	0	0	0
SEN	JANUARY			0	0	õ
SHE	JANUARY	0	0			
STA	JANUARY	0	0	0	0	0
SUM	JANUARY	0	0	0	0	0
TRU	JANUARY	0	0	0	0	0
TUS	JANUARY	0	0	0	0	0
UNI	JANUARY	0	0	0	0	0
VAN	JANUARY	12453	0	0	0	0
VIN	JANUARY	0	0	0	0	0
WAR	JANUARY	0	0	0	0	0
WAS	JANUARY	0	0	0	О	0
		0	0	ō	0	0
WAY	JANUARY			0	0	0
WIL	JANUARY	0	0			0
W00	JANUARY	0	0	0	0	
WYA	JANUARY	0	C	0	0	0
XXX	JANUARY	82536	0	0	0	0
TOT	JANUARY	3353813	0	0	0	0
ADA	APRIL	0	0	0	0	0
ALL	APR!L	3212843	0	0	0	0
ASD	APRIL	0	0	0	0	0
ATB	APRIL	0	0	0	0	0
ATH	APRIL	0	ō	0 0	0	0
		410	0	õ	õ	0
AUG	APRIL	410	0	0	0	0
BEL	APRIL	U	U	U	5	v

BRO	APRIL	0	0	0	0	0	
BUT	APRIL	0	0	0	0	0	
CAR	APRIL	0	0	0	0	0	
CHP	APRIL	0	0	0	0	0	
CLA	APRIL	0	0	0	0	0	
CLE	APRIL	0	0	0	0	0	
CLI	APRIL	0	0	0	0	0	
COL	APRIL	0	0	0			
					0	0	
COS	APRIL	0	0	0	0	0	
CRA	APRIL	0	0	0	0	0	
CUY	APRIL	0	0	0	0	0	
DAR	APRIL	0	0	0	0	D	
DEF	APRIL	0	õ	0 0	0	0	
DEL	APRIL	0	0	0	0	0	
ERI	APRIL	0	0	0	0	0	
FAI	APRIL	0	0	0	0	0	
FAY	APRIL	0	0	0	0	0	
FRA	APRIL	0	0	0	0	0	
FUL	APRIL	0	0	0	0	0	
GAL	APRIL	0	0	0	0	0	
GEA	APRIL	0	0	0	0	0	
GRE	APRIL	0	0	0	0	0	
GUE	APRIL	0	0	0	õ	Û	
HAM		0					
	APRIL		0	0	0	0	
HAN	APRIL	43349	0	0	0	0	
HAR	APRIL	2233	0	0	0	0	
HAS	APRIL	0	0	0	0	0	
HEN	APRIL	0	0	0	0	0	
HIG	APRIL						
		0	0	0	0	0	
HOC	APRIL	0	0	0	0	0	
HOL	APRIL	0	0	0	0	0	
HUR	APRIL	0	0	0	0	0	
JAC	APRIL	0	0	0	0	0	
JEF	APRIL	0					
			0	0	0	0	
KNO	APRIL	0	0	0	0	0	
LAK	APRIL	0	0	0	0	0	
LAW	APRIL	0	0	0	0	0	
LIC	APRIL	0	0	0	0	0	
LOG	APRIL	0 0	Ő				
				0	0	0	
LOR	APRIL	0	0	0	0	0	
LUC	APRIL	0	0	0	0	0	
MAD	APRIL	0	0	0	0	0	
MAH	APRIL	0	0	0	0	0	
MAR	APRIL	0	0	0	0	0	
		-	•		-		
MED	APRIL	0	0	0	0	0	
MEG	APRIL	0	0	0	0	0	
MER	APRIL	0	0	0	0	0	
MIA	APRIL	0	0	0	0	0	
MOE	APRIL	0	0	0	0	0	
мот	APRIL	0	0	0	0	0	
MRG	APRIL	0	0	0	0	0	
MRW	APRIL	0	0	0	0	0	
MUS	APRIL	0	0	0	0	0	
NOB	APRIL	0	0	0	0	0	
OTT	APRIL	0	0	0	0	0	
PAU	APRIL	0	õ				
				0	0	C	
PER	APRIL	0	0	0	0	0	
PIC	APRIL	0	0	0	0	0	
PIK	APRIL	0	0	0	0	0	
POR	APRIL	0	0	C	0	0	
PRE	APRIL	0	õ	0	0	0	
PUT	APRIL	0	0	0	0	0	
RIC	APRIL	0	0	0	0	0	
ROS	APRIL	0	0	0	0	0	치
SAN	APRIL	0	0	0	0	0	
SCI	APRIL	0	0	0	0	0	
				-	-	-	

SEN	APRIL	0	0	0	0	0
SHE	APRIL	0	0	0	0	0
STA	APRIL	0	0	0	0	0
SUM	APRIL	0	0	0	0	0
TRU	APRIL	0	0	0	0	
						0
TUS	APRIL	0	0	0	0	0
UNE	APRIL	0	0	0	0	0
VAN	APRIL	12453	0	0	0	0
VIN	APRIL	0	0	0	0	0
WAR	APRIL	0	0	0	0	0
WAS	APRIL	0	0	0 0	0	o
WAY	APRIL	0	0	0	0	0
WIL	APRIL	0	0	0	0	0
WOO	APRIL	0	0	0	0	0
WYA	APRIL	0	0	0	0	0
XXX	APRIL	82536	0	0	0	0
TOT	APRIL	3353813	0	0	0	0
ADA	JULY	0	0	0	0	0
ALL	JULY	3469871	3.4512	12.0293	0	0
ASD	JULY	0	0	0	0	0
ATB	JULY	0	0	0	0	0
ATH	JULY	0	0	0	0	0
AUG	JULY	442	0.0004	0.0014	0	0
BEL	JULY	0	0.0004	0.0014	0	
						0
BRO	JULY	0	0	0	0	0
BUT	JULY	0	0	0	0	0
CAR	JULY	0	0	0	0	0
CHP	JULY	0	0	0	0	0
CLA	JULY	0	0	0	0	0
CLE	JULY	0	0	0	õ	0 0
CLI	JULY	0	0	0	0	0
COL	JULY	0	0	0	0	0
COS	JULY	0	0	0	0	0
CRA	JULY	0	0	0	0	0
CUY	JULY	0	0	0	0	0
DAR	JULY	0	0	0	0	0
DEF	JULY	ů O	0	0	0	
						0
DEL	JULY	0	0	0	0	0
ERI	JULY	0	0	0	0	0
FAI	JULY	0	0	0	0	0
FAY	JULY	0	0	0	0	0
FRA	JULY	0	0	0	0	0
FUL	JULY	0	0	0 0	0	0
GAL	JULY	0	0	0	0	0
GEA	JULY	0	0	0	0	0
GRE	JULY	0	0	0	0	0
GUE	JULY	0	0	0	0	0
HAM	JULY	0	0	0	0	0
HAN	JULY	46817	0.0376	0.1625	0	0
		2411		0.0077		
HAR	JULY		0.0019		0	0
HAS	JULY	0	0	0	0	0
HEN	JULY	0	0	0	0	0
HIG	JULY	0	0	0	0	0
HOC	JULY	0	0	0	0	0
HOL	JULY	0	0	0	0	0
HUR	JULY	0	0	0	0	0
JAC	JULY	0	0	0	0	0
JEF	JULY	0	0	0	0	0
KNO	JULY	0	0	0	0	0
LAK	JULY	0	0	0	0	0
LAW	JULY	0	0	0	Ō	0
LIC	JULY	0	0	0	0	0
LOG	JULY	0	0	0	0	0
LOR	JULY	0	0	0	0	0
LUC	JULY	0	0	0	0	0
MAD	JULY	0	С	0	0	0

MAH	JULY	0	0	0	0
MAR	JULY	0	0	0	0
MED	JULY	0	0	0	0
MEG	JULY	0	0	0	0
MER	JULY	0	0	0	0
MIA	JULY	0	0	0	0
MOE	JULY	0	0	0	0
MOT	JULY	0	0	0	0
MRG	JULY	0	0	0	0
MRW	JULY	0	0	0	0
MUS	JULY	0	0	0	0
NOB	JULY	0	0	0	0
OTT	JULY	0	0	0	0
PAU	JULY	0	0	0	0
PER	JULY	0	0	0 .	0
PIC	JULY	0	0	0	0
PIK	JULY	0	0	0	0
POR	JULY	0	0	0	0
PRE	JULY	0	0	0	0
PUT	JULY	0	0	0	0
RIC	JULY	0	0	0	0
ROS	JULY	0	0	0	0
SAN	JULY	0	0	0	0
SCI	JULY	0	0	ο	0
SEN	JULY	0	0	0	0
SHE	JULY	0	0	0	0
STA	JULY	0	0	0	0
SUM	JULY	0	0	0	0
TRU	JULY	0	0	0	0
TUS	JULY	0	0	0	0
UNI	JULY	0	0	0	0
VAN	JULY	13449	0.0185	0.0508	0
VIN	JULY	0	0	0	0
WAR	JULY	0	0	0	0
WAS	JULY	0	0	0	0
WAY	JULY	0	0	0	0
WIL	JULY	0	0	0	0
WOO	JULY	0	0	0	0
WYA	JULY	0	0	0	0
XXX	JULY	89139	0.0917	0.3067	0
тот	JULY	3469871		12.0293	0
MOVES		EMISSIONS O			•
MONTH	VMT		ox so	2 PM2.5	
JANUARY	10493	0	0	0	0
APRIL	10493		0	o	0
JULY	11333		0.0477	0	0
MOVES	VEHICLE		AISSIONS OU		~
MONTH	VEHICLES				
JANUARY	93312	0	0	0	0
APRIL	93312	0	0	õ	õ
JULY	100777	3.6037	1.7397	õ	0 0
				·	0

MOVES	BASED	EMISSIONS	REPORT				
2004	Modei	Ozone	SIP	Update	in		2012 GTG
Loaded	Network:	!:\ut\mpc\	mode!\lim\	omse\Base\	sip04_in12	\LIM04	JJ24ASNSIP.NET
Network	Emission	Factors:	I:\ut\mpo\	model\lim\;	aq\ozone_s	ipin12	\2004LACRPC_ozone_3source_rpd.csv
Vehicle	Emission	Factors:	l:\ut\mpo\	model\lim\;	aq\ozone_s	ipin12	\2004LACRPC_ozone_3source_rpv.csv
Vehicle	Population	:	I:\ut\mpo\	model\lim\;	aq\ozone_s	ipin12	\STP2004LACRPC.csv
Intrazonal	Trips	:	I:\ut\mpo\	model\lim\@	omse\Base	sip04	_in12\LIM04TBVSIP.MAT
Агеа	File	(sq	mi):	I:\ut\mpo\	model\lim\	omse\	INPUTS\AREAA.prn
Volume	Field	Used:	VOL24_TOT	Г			
Truck	Volume	Field	Used:	NONE			
Capacity	Field	Used:	CAP24				

CMS/AQ REPORT POSTCMS1 UPDATED DEC 2009, GTG DATE:07/1: TIME:15:39:50

PARAMETE FILE DUMP (DAILY.DAT FILE)

HOUR PCTADT		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
URB	FWY		0.9	0.6	0.5	0.6	1	2.5	5.5	7.7	6.5	5.1	4.8	4.9	5.1	5.3	6.1	7.2	8	8.2	5.7	4	2.2
URB	ART		0.7	0.4	0.4	0.4	0.7	1.9	3.9	6	5.5	5.1	4.0	4.9	6.4	5.5 6.3	0.1 7		8.1	8.2 7.9	5.7	4 4.6	3.3 3.8
RUR	FWY		1.4	1.1	1	1	1.4	2.4	3.9	5.3	5.3	5.3	5.5	5.6	5.7	6	6.4		7.5	7.1	5.5	4.4	3.8
RUR	ART		0.8	0.5	0.5	0.6	1.1	2.7	5.1	6.5	5.5	5.1	5.2	5.6	5.8	5.9	6.5		8.1	7.7	5.6	4.2	3.5
PCTADT	т														010		0.0		0.1	,.,	5.0		5.5
URB	FWY		2	1.7	1.7	2	2.4	3.1	4.1	4.8	5.6	6.2	6.4	6.5	6.5	6.5	6.3	5.8	5.1	4.6	4,1	3.6	3.2
URB	ART		0.9	0.8	0.8	1	1.4	2.3	4.1	6.3	7	7.1	7.2	7.7	7.7	7.4	7.6		6	4.8	3.5	2.6	2.2
RUR	FWY		2.5	2.2	2.1	2.3	2.7	3.2	3.6	4	4.6	5.1	5.5	5.7	5.8	5.8	5.7	5.6	5.4	5	4.7	4.4	4
RUR	ART		1.5	1.3	1.3	1.6	2.2	3	4.5	5.6	6.3	6.5	6.9	7	7	6.9	6.7	6.4	5.5	4.6	3.7	3.1	2.6
PCTDIR																							
URB	FWY		38	40	40	46	56	64	70	70	68	62	58	52	52	52	50	46	38	38	46	52	46
URB	ART		44	46	44	48	54	62	66	68	64	56	54	52	50	50	50	46	40	38	46	52	48
RUR	FWY		44	46	48	54	60	68	68	64	58	54	52	50	50	52	52	48	42	40	44	48	48
RUR	ART		40	42	44	48	58	66	72	68	60	56	54	50	50	50	50	46	40	38	46	50	46
LOS SPEEDVC	Е	VC		0	0.625	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11.25	11.875
curve1		75	75	75	75	75	75	74.9	74.8	74.6	74.2	73.5	72.3	70.5	67.8	64.2	59.5	54	47.7	41.2	34.9	28.9	23.7
curve2		70	70	70	70	70	70	70	69.9	69.8	69.6	69.2	68.4	67.1	65.1	62.2	58.2		47	40.5	33.9	27.7	22.2
curve3		65	65	65	65	65	65	65	65	65	64.9	64.8	64.4	63.8	62.6	60.5	57	52	45.4	37.8	29.9	22.7	16.7
curve4		60	60	60	60	60	60	60	60	60	59.9	59.8	59.6	59.1	58.2	56.7	54.3	50.8	46.1	40.3	33.8	27.3	21.3
curve5		55	55	55	55	55	55	55	55	55	55	55	54.9	54.7	54.3	53.6	52.3	50	46.5	41.5	35.3	28.5	21.9
curve6		60	60	60	60	60	60	60	60	59.9	59.8	59.7	59.4	59.1	58.5	57.7	56.5	55	53.1	50.7	47.9	44.7	41.1
curve7		55	55	55	55	55	55	55	55	54.9	54.9	54.7	54.5	54.2	53.8	53.1	52.2	50.9	49.3	47.3	44.9	42.1	39
curve8		50	50	50	50	50	50	50	50	49.9	49.9	49.8	49.6	49.4	49	48.5	47.7	46.7	45.4	43.8	41.8	39.5	36.8
curve9		45	45	45	45	45	45	45	45	45	44.9	44.8	44.7	44.4	44.1	43.6	43	42.1	40.9	39.4	37.6	35.5	33.1
curve10		50	50	50	50	49.9	49.8	49.7	49.4	49	48.4	47.5	46.5	45.1	43.5	41.7	39.6	37.3	34.9	32.4	29.8	27.3	24.9
curve11		50	50	50	50	50	49.9	49.7	49.4	48.9	48	46.7	44.9	42.5	39.6	36.2	32.6	28.7	25	21.4	18.2	15.3	12.9
curve12		50	50	50	50	50	49.9	49.8	49.6	49.1	48.2	46.8	44.5	41.4	37.5	32.9	28	23.1	18.7	14.9	11.8	9.2	7.2
curve13		40	40	40	40	40	40	39.9	39.8	39.5	39.2	38.6	37.8	36.7	35.3	33.5	31.4	29	26.4	23.7	21.1	18.5	16.1
curve14		40	40	40	40	40	39.9	39.8	39.6	39.1	38.5	37.5	36.1	34.3	32.1	29.4	26.5	23.5	20.5	17.7	15.1	12.8	10.7
curve15		40	40	40	40	40	39.9	39.7	39.4	38.8	37.9	36.5	34.7	32.3	29.5	26.4	23.2	20	17	14.3	11.9	9.9	8.2
curve16		35	35	35	35	35	34.9	34.8	34.5	34	33.2	32.1	30.5	28.5	26.1	23.5	20.6	17.9	15.2	12.8	10.7	8.9	7.4
curve17		35	35	35	35	35	34.9	34.7	34.4	33.9	33.1	32	30.3	28.3	25.8	23.1	20.3	17.5	14.9	12.5	10.4	8.6	7.2
curve18		35	35	35	35	35	34.9	34.6	34.2	33.5	32.4	30.9	28.8	26.3	23.4	20.4	17.4	14.6	12.1	9.9	8.1	6.6	5.4
curve19		30	30	30	30	30	29.9	29.8	29.5	29	28.2	27.1	25.6	23.7	21.5	19.1	16.6	14.2	12	10	8.3	6.8	5.6
curve20		30	30	30	30	30	29.9	29.7	29.4	28.9	28.1	26.9	25.3	23.4	21.1	18.6	16.1	13.6	11.4	9.5	7.8	6.4	5.3
curve21		30	30	30	30	30	29.9	29.7	29.3	28.7	27.7	26.2	24.4	22.1	19.6	17	14.4	12	9.9	8.1	6.6	5.4	4.4
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SUM	JANUARY	õ	0	0	0	o
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TRU	JANUARY	0	0	0		
TUS	JANUARY	0	0	0	0	0
UNI	JANUARY	0	0	0	0	0
VAN	JANUARY	11788	0	0	0	0
VIN	JANUARY	0	0	0	0	0
WAR	JANUARY	0	0	0	0	0
WAS	JANUARY	0	o	0	0	0
WAY	JANUARY	0	0	0	0	0
WIL	JANUARY	0	0	0	0	0
WOO	JANUARY	0	0	0	0	0
WYA	JANUARY	0	0	0	0	0
XXX	JANUARY	79885	0	0	0	0
TOT	JANUARY	3243004	0	0	0	0
ADA	APRIL	0	0	0	0	0
ALL	APRIL	3105969	0	0	0	0
ASD	APRIL	0	Ő	0	õ	0
						0
ATB	APRIL	0	0	0	0	
ATH	APRIL	0	0	0	0	0
AUG	APRIL	391	0	0	0	0
BEL	APRIL	0	0	0	0	0

BRO	APRIL	0	0	0	0	о
BUT	APRIL	0	0	0	0	0
CAR	APRIL	0	0	0	0	0
СНР	APRIL	0	0	0	0	0
CLA	APRIL	0	0	0	0	0
CLE	APRIL	0	0	0	0	0
CLI	APRIL	0	0	0	0	0
COL	APRIL	0	õ	Ő	õ	ō
cos	APRIL	0	õ	0	0 0	õ
CRA	APRIL	0	ō	0	0	o
CUY	APRIL	0	ŏ	0	0	0
DAR	APRIL	0	0	0	0	
DEF	APRIL	0				0
			0	0	0	0
DEL	APRIL	0	0	0	0	0
ERI	APRIL	0	0	0	0	0
FA!	APRIL	0	0	0	0	0
FAY	APRIL	0	0	0	0	0
FRA	APRIL	0	0	0	0	0
FUL	APRIL	0	0	0	0	0
GAL	APRIL	0	0	0	0	0
GEA	APRIL	0	0	0	0	0
GRE	APRIL	0	0	0	0	0
GUE	APRIL	Ū	Ō	0	0	0
HAM	APRIL	0	0	0	0	0
HAN	APRIL	42890	0	0	0	0
HAR	APRIL	2083	0	о	0	0
HAS	APRIL	0	0	0	0	0
HEN	APRIL	0	0	0	0	0
HIG	APRIL	0	0	0	0	0
HOC	APRIL	0	0	о	0	0
HOL	APRIL	0	0	0	0	0
HUR	APRIL	0	0	0	0	0
JAC	APRIL	0	0	0	0	0
JEF	APRIL	0	0	0	ō	0
KNO	APRIL	0	õ	õ	õ	Ő
LAK	APRIL	0	0	0	0	ō
LAW	APRIL	0	0	0	0	ō
LIC	APRIL	0	õ	õ	o	0
LOG	APRIL	0	0	0	0	0
LOR	APRIL	0	0	0	0	0
LUC	APRIL	0	0	0	0	0
MAD	APRIL	0	0	0		0
MAH	APRIL	0	0	0	0 0	0
MAR						
	APRIL	0	0	0	0	0
MED	APRIL	0	0	0	0	0
MEG	APRIL	0	0	0	0	0
MER	APRIL	0	0	0	0	0
MIA	APRIL	0	0	0	0	D
MOE	APRIL	0	0	0	0	0
мот	APRIL	0	0	0	0	0
MRG	APRIL	0	0	0	0	0
MRW	APRIL	0	0	0	0	0
MUS	APRIL	0	0	0	0	0
NOB	APRIL	0	0	0	0	0
OTT	APRIL	0	0	0	0	0
PAU	APRIL	0	0	0	0	0
PER	APRIL	0	0	0	0	0
PIC	APRIL	0	0	0	0	0
P!K	APRIL	0	0	0	0	0
POR	APRIL	0	0	0	0	0
PRE	APRIL	0	0	0	0	0
PUT	APRIL	0	0	0	0	0
RIC	APRIL	D	0	0	0	0
ROS	APRIL	0	0	0	0	0
SAN	APRIL	0	0	0	0	0
SCI	APRIL	0	0	0	0	0
						-

SEN	APRIL	0	0	0	0	0
SHE	APRIL	0	0	0	0	0
STA	APRIL	0	0	0	0	0
SUM	APRIL	0	0	0	0	0
TRU	APRIL	0	0	0	0	0
TUS	APRIL	0	0	0	0	0
UNI	APR!L	0	0	0	0	0
VAN	APRIL	11788	0	0	0	0
VIN	APRIL	0	0	0	0	0
WAR	APRIL	0	0	0	0	0
WAS	APRIL	0	0	0	0	0
WAY	APRIL	0	0	0	0	0
WIL	APRIL	0	0	0	0	0
woo	APRIL	0	0	0	0	0
WYA	APRIL	0	0	0	0	0
XXX	APRIL	79885	Ō	0	0	0
тот	APRIL	3243004	0	0	0	0
ADA	JULY	0	0	0	0	0
ALL	JULY	3354447	2.8146	10.3472	0	0
ASD	JULY	0	0	0	0	0
АТВ	JULY	0	0	0	0	o
ATH	JULY	0	0	0	0	o
AUG	JULY	422	0.0003	0.0012	õ	0 0
BEL	JULY	0	0.0009	0.0012	0	0
BRO	JULY	0	0	0	0	0
BUT	JULY	0	õ	0	0	0
CAR	JULY	0	0 0	0	0	0
CHP	JULY	0	0 0	0	0	0
CLA	JULY	0	0	0	0	0
CLE	JULY	0	0	0	0	0
CLI	JULY	0	0	0	0	0
COL	JULY	0	0	0	0	0
COS	JULY	0	0	0	0	0
CRA	JULY	0	0	0	0	0
CUY	JULY	0	0	0	0	0
DAR	JULY	0	0	0	0	0
DEF	JULY	0	0	0	0	0
DEL	JULY	0	0	0	0	0
ERI	JULY	0	0	0	0	0
FAI	JULY	0	0	0	0	0
FAY	JULY	0	0	0	0	0
FRA	JULY	0	0	0	0	0
FUL	JULY	0	0	0	0	0
GAL	JULY	0	0	0	0	0
GEA	JULY	0	0	0	0	0
GRE	JULY	0	0	0	0	0
GUE	JULY	0	0	0	0	0
HAM	JULY	0	0	0	0	0
HAN	JULY	46322	0.0319	0.1434	0	0
HAR	JULY	2250	0.0015	0.1454	0	0
HAS	JULY	2230	0.0013	0.0084	0	0
HEN	JULY	0	0	0		
HIG	JULY		0		0	0
HOC	JULY	0		0	0	0
		0	0	0	0	0
HOL	JULY	0	0	0	0	0
HUR	JULY	0	0	0	0	0
JAC	JULY	0	0	0	0	0
JEF	JULY	0	0	0	0	0
KNO	JULY	0	0	0	0	0
LAK	JULY	0	0	0	0	0
LAW	JULY	0	0	0	0	С
LIC	JULY	0	0	0	0	0
LOG	JULY	0	0	0	0	0
LOR	JULY	0	0	0	0	0
LUC	JULY	0	0	0	0	0
MAD	JULY	0	0	0	0	0

MAH	JULY	0	0	0	0
MAR	JULY	0	0	0	0
MED	JULY	0	0	0	0
MEG	JULY	0	0	0	0
MER	JULY	0	0	0	0
MIA	JULY	0	0	0	0
MOE	JULY	0	0	0	0
MOT	JULY	0	0	0	0
MRG	JULY	0	0	0	0
MRW	JULY	0	0	0	0
MUS	JULY	0	0	0	0
NOB	JULY	0	0	0	0
OTT	JULY	0	0	0	0
PAU	JULY	0	0	0	0
PER	JULY	o	0	0	0
PIC	JULY	0	0	0	0
PIK	JULY	0	0	0	0
POR	JULY	0	0	0	0
PRE	JULY	0	0	0	0
PUT	JULY	0	0	0	0
RIC	JULY	0	0	0	0
ROS	JULY	0	0	0	0
SAN	JULY	0	0	0	õ
SCI	JULY	0	0 0	0	0
SEN	JULY	Ő	õ	0	0 0
SHE	JULY	Ū O	ő	0	o
STA	JULY	0	0	0	0
SUM	JULY	0	0	0	0
TRU	JULY	0	0	0	0
TUS	JULY	0	0	0	0
UNI	JULY	0	0	0	0
VAN	JULY	12731	0.0149	0.0431	0
VIN	JULY	0	0.0149	0.0431	0
WAR		0	0	0	0
WAR	JULY				
WAS	JULY	0	0	0	0
WIL		0	0	0	0
	JULY	0	0	0	0
WOO	JULY	0	0	0	0
WYA	JULY	0	0	0	0
XXX	JULY	86276	0.0752	0.2643	0
TOT	JULY	3354447	2.8146	10.3472	0
MOVES		EMISSIONS O			
MONTH					PM2.5
JANUARY	10795	0	0	0	0
APRIL	10795	0	0	0	0
JULY	11659		0.0442	0	0
MOVES			MISSIONS O		
MONTH					PM2.5
JANUARY	96087	0	0	0	0
APRIL	96087	0	0	0	0
JULY	103774	3.5206	1.8358	0	0

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MOVES	BASED	EMISSIONS	REPORT				
2009	Model	Ozone	SIP	Update	in	2012 GTG	
Loaded	Network:	I:\ut\mpo\	model\lim\	omse\Base\	lrp09\LIM	09J24ASNLRP.NET	
Network	Emission	Factors:	I:\ut\mpo\	model\lim\	aq\ozone_	sipin12\2009LACRP	C_ozone_3source_rpd.csv
Vehicle	Emissio <b>n</b>	Factors:	I:\ut\mpo\	model\lim\	aq\ozone_	sipin12\2009LACRP	C_ozone_3source_rpv.csv
Vehicle	Population	:	I:\ut\mpo\	model\lim\	aq\ozone_	sipin12\STP2009LA	CRPC.csv
Intrazonal	Trips	:	I:\ut\mpo\	model\lim\	omise\Base	e\lrp09\LIM09TBVLf	RP.MAT
Агеа	File	(sq	mi):	I:\ut\mpo\	model\lim	\omse\INPUTS\ARE	AA.prn
Volume	Field	Used:	VOL24_TO	7			
Truck	Volume	Field	Used:	NONE			
Capacity	Field	Used:	CAP24				

CMS/AQ REPORT POSTCMS1 UPDATED DEC 2009, GTG DATE:07/1: TIME:15:40:33

E 0.9 0.5 0.8

10000

PARAMETE FILE DUMP (DAILY.DAT FILE)

HOUR		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
PCTADT			-			·	-									50						_0		
URB	FWY		0.9	0.6	0.5	0.6	1	2.5	5.5	7.7	6.5	5.1	4.8	4.9	5.1	5.3	6.1	7.2	8	8.2	5.7	4	3.3	
URB	ART		0.7	0.4	0.4	0.4	0.7	1.9	3.9	6	5.5	5	5.3	6	6.4	6.3	7	7.8	8.1	7.9	6	4.6	3.8	
RUR	FWY		1.4	1.1	1	1	1.4	2.4	3.9	5.3	5.3	5.3	5.5	5.6	5.7	6	6.4	7.1	7.5	7.1	5.5	4.4	3.7	
RUR	ART T		0.8	0.5	0.5	0.6	1.1	2.7	5.1	6.5	5.5	5.1	5.2	5.6	5.8	5.9	6.5	7.7	8.1	7.7	5.6	4.2	3.5	
PCTADT	T		2	4 7		-	2.4	2.4		4.0		6.2	<i>с</i> ,	6.5	<i></i>	6 F	<b>C</b> 2	5.0	F 4			2.5	- <b>-</b>	
URB	FWY		2	1.7	1.7	2	2.4	3.1	4.1	4.8	5.6	6.2	6.4	6.5	6.5	6.5	6.3	5.8	5.1	4.6	4.1	3.6	3.2	
URB RUR	ART FWY		0.9	0.8	0.8	1	1.4	2.3	4.1	6.3 4	7	7.1	7.2	7.7	7.7	7.4	7.6	7.3	6	4.8 5	3.5	2.6	2.2	
	ART		2.5 1.5	2.2 1.3	2.1 1.3	2.3 1.6	2.7 2.2	3.2 3	3.6 4.5	4 5.6	4.6 6.3	5.1 6.5	5.5 6.9	5.7 7	5.8 7	5.8 6.9	5.7 6.7	5.6 6.4	5.4 5.5	5 4.6	4.7 3.7	4.4	4	
RUR PCTDIR	ART		1.5	1.5	1.5	1.0	2.2	5	4.5	5.0	0.5	0.5	0.9	/	/	6.9	0.7	0,4	5.5	4.0	5.7	3.1	2.6	
URB	FWY		38	40	40	46	56	64	70	70	68	62	58	52	52	52	50	46	38	38	46	52	46	
URB	ART		44	46	44	48	54	62	66	68	64	56	54	52	50	50	50	46	40	38	46	52	48	
RUR	FWY		44	46	48	54	60	68	68	64	58	54	52	50	50	52	52	48	42	40	44	48	48	
RUR	ART		40	42	44	48	58	66	72	68	60	56	54	50	50	50	50	46	40	38	46	50	46	
LOS	E	vc		0	0.625	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11.25	11.875	
SPEEDVC		75	76	75	75	75	76	74.0	74.0	74.0	74.2	70 5	70.0	70 5	<b>C7 0</b>	64.2	F0 F	Γ4	47 7	41 7	24.0	20.0	<b>20 7</b>	
curve1 curve2		75 70	75 70	75 70	75 70	75 70	75 70	74.9 70	74.8 69.9	74.6 69.8	74.2 69.6	73.5 69.2	72.3 68.4	70.5 67.1	67.8 65.1	64.2 62.2	59.5 58.2	54 53	47.7 47	41.2 40.5	34.9 33.9	28.9	23.7	
curve2		65	65	65	70 65	70 65	65	65	65		69.0 64.9	69.2 64.8	64.4	63.8	62.6	62.2	58.2 57	53 52				27.7	22.2	
		60	60	60	60	60	60	60	60	65 60	59.9	59.8	59.6	59.1	58.2	56.7	54.3	52 50.8	45.4 46.1	37.8 40.3	29.9 33.8	22.7 27.3	16.7 21.3	
curve4 curve5		55	55	55	55	55	55	55	55	55	55.5	55	59.0 54.9	54.7	56.2 54.3	53.6	54.5 52.3	50.8	46.5	40.5 41.5	35.3	27.5	21.5 21.9	
curve6		55 60	55 60	55 60	55 60	55 60	55 60	55 60	55 60	59.9	59.8	59.7	54.5 59.4	59.1	58.5	55.0	56.5	55	40.5 53.1	41.5 50.7	55.5 47.9	26.5 44.7	41.1	
curve7		55	55	55	55	55	55	55	55	54.9	55.0	54.7	54.5	54.2	53.8	53.1	52.2	50.9	49.3	47.3	44.9	44.7	39	
curve8		50	50	50	50	50	50	50	50	49.9	49.9	49.8	49.6	49.4	49	48.5	47.7	46.7	45.4	43.8	41.8	39.5	36.8	
curve9		45	45	45	45	45	45	45	45	45	44.9	44.8	44.7	44.4	44.1	43.6	43	42.1	40.9	39.4	37.6	35.5	33.1	
curve10		50	50	50	50	49.9	49.8	49.7	49.4	49	48.4	47.5	46.5	45.1	43.5	41.7	39.6	37.3	34.9	32.4	29.8	27.3	24.9	
curve11		50	50	50	50	50	49.9	49.7	49.4	48.9	48	46.7	44.9	42.5	39.6	36.2	32.6	28.7	25	21.4	18.2	15.3	12.9	
curve12		50	50	50	50	50	49.9	49.8	49.6	49.1	48.2	46.8	44.5	41.4	37.5	32.9	28	23.1	18.7	14.9	11.8	9.2	7.2	
curve13		40	40	40	40	40	40	39.9	39.8	39.5	39.2	38.6	37.8	36.7	35.3	33.5	31.4	29	26.4	23.7	21.1	18.5	16.1	
curve14		40	40	40	40	40	39.9	39.8	39.6	39.1	38.5	37.5	36.1	34.3	32.1	29.4	26.5	23.5	20.5	17.7	15.1	12.8	10.7	
curve15		40	40	40	40	40	39.9	39.7	39.4	38.8	37.9	36.5	34.7	32.3	29.5	26.4	23.2	20	17	14.3	11.9	9.9	8.2	
curve16		35	35	35	35	35	34.9	34.8	34.5	34	33.2	32.1	30.5	28.5	26.1	23.5	20.6	17.9	15.2	12.8	10.7	8.9	7.4	
curve17		35	35	35	35	35	34.9	34.7	34.4	33.9	33.1	32	30.3	28.3	25.8	23.1	20.3	17.5	14.9	12.5	10.4	8.6	7.2	
curve18		35	35	35	35	35	34.9	34.6	34.2	33.5	32.4	30.9	28.8	26.3	23.4	20.4	17.4	14.6	12.1	9.9	8.1	6.6	5.4	
curve19		30	30	30	30	30	29.9	29.8	29.5	29	28.2	27.1	25.6	23.7	21.5	19.1	16.6	14.2	12	10	8.3	6.8	5.6	
curve20		30	30	30	30	30	29.9	29.7	29.4	28.9	28.1	26.9	25.3	23.4	21.1	18.6	16.1	13.6	11.4	9.5	7.8	6.4	5.3	
curve21		30	30	30	30	30	29.9	29.7	29.3	28.7	27.7	26.2	24.4	22.1	19.6	17	14.4	12	9.9	8.1	6.6	5.4	4.4	
VC	RATIO	то	LC	os d	CONVERSIC (V	ALUE SI	HOWN IS	L	OWER LI	MIT F	OR TH	IAT L	OS)(URBA RC	DADS US	SE SF	PEED BI	REAKS B	ELOW FO	R LOS	0	DETERMIN, (AL	. u	SE TH	łΕ
	BASE	RUR2	2 FV	VY																				
А		0	0	0																				
В		0.3	0	0.25																				
С		0.5	0.1	0.4																				
D		0.7	0.3	0.6																				

.

	22		23					
	2.8		2.1		1.5			
	2.9		1.9		1.3			
	3.2		2.5		1.9			
	2.7		1.9		1.3			
			2.10		2.0			
	2.9		2.6		2.3			
	1.7		1.4		1.1			
	3.7		3.4		3			
	2.3		2		1.7			
			_					
	42		42		40			
	46		46		46			
	44		46		44			
	44		44		44			
	12.5	13	3.125		13.75		14.375	
	19.2		15.5					
	17.6		13.8					
	12.1		8.6					
	16.2		12.2					
	16.1		11.5					
	37.3		33.4					
	35.7		32.2					
	33.9		30.9					
	30.5		27.8					
	22.6		20.4					
	10.8		9					
	5.7		4.5					
	13.9		12					
	9		7.6					
	6.8		5.6					
	6.1		5.1					
	5.9		4.9					
	4.4		3.6					
	4.6		3.8					
	4.3		3.6					
	3.6		2.9					
				L IOIC				
THE		BASE		VC'S		то		DETERMINI EXCEEDANCE)

F			1 1															
F+ F++	1.1 1.3																	
1 + +	1	<b>у</b> т.	3 1.3	)														
SPEED	VC	RATIO	BREAKS	FOR	URBAN	STREET:	S (HIGHE	ST SPEED	FOR	GIVEN	LOS	&	FF	SPEED)				
FFS	В	С	D	E	F									,				
>47	42	2 34	4 27	7		16												
>37	35		8 22	2		13												
>32	30					10												
<33	25	5 1	9 13	}	9	7												
LEVEL	OF	SERVICE	THRESHOL	.I BY	AREA													
NUM	LOS	DEFINITIO	N															
	1 F	CINCINNA	T CENTRAL	MPO	COUNT	ES (CUY,FR	A,HAM)											
	2 E	OTHER	TMA	MPOS	(AKRON	I,CA +		ENT COUNTI		1)								
	3 E	OTHER	MPOS	&	PARTS	OF	AREAS		1&		2 OUTSIDE	URBAN	IZEL AREA					
	4 E	RURAL	NON	MPO	COUNTI	ES												
PEAK	SPREADIN	MODEL	INFO	(SET	MAX	ITERATI			о то	DISABLE	PEAK	SPREAD	DING)					
MAX	VC	RATIO	FWY:		1.3								,					
MAX	VC	RATIO	ART:		1.3													
MAX	ITERATION	E :	1000	)														
TRUCK	PCE:	:	2															
AQ	SEASON	FACTOR:	1.08															
MODEL	CLASS	PARAMET	F (MAX		4 CLASSES	, HOURS	0-23	w/	NO	OVERLA	D IN	CLASS,		E ENTIRE	CLASS	AS	TRUCK(1)	00
CLS	TRK	(			0	0	0	0	0	0		0		0	0	0	0 0	UK
CLS	BEG	(			0	0	0	0	0	0		0		0	õ	0	0 0	
CLS	END	23	3 23		0	0	0	0	0	0		0	_	0	0	0	0 0	
CLS	NUM	1	L 3		0	0	0	0	0	0		D		0	0	0	0 0	
<b>→</b>	MOVES	NETWORK		ENAISSIA	ONS OUTPUT													
		MONTH	VMT	HC	NOX	SO2	PM2.5											
	ADA	JANUARY	0		0	0	0	0										
	ALL	JANUARY	3155271		0	0	0	ů 0										
		JANUARY	0		0	0	0	0										
	ATB	JANUARY	0		0	0	0	0										
	ATH	JANUARY	0		0	0	0	0										
	AUG	JANUARY	385		0	0	0	0										
	BEL	JANUARY	0		0	0	0	0										
	BRO	JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0						04				
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY JANUARY	0		0	0	0	0										
		JANUARY	0 0		0 0	0 0	0	0										
		JANUARY	0		0	0	0 0	0										
		JANUARY	0		0	0		0										
		JANUARY	0		0	0	0 0	0 0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
		JANUARY	0		0	0	0	0										
			-															

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HAN	JANUARY	42629	0	0	0	0
HAR	JANUARY	1838	0	0	0	0
HAS	JANUARY	0	0	0	0	0
HEN	JANUARY	0	0	C	0	0
HIG	JANUARY	0	0	0	0	0
HOC	JANUARY	0	0	0	0	0
HOL	JANUARY	0	0	0	0	0
HUR	JANUARY	0	0	0	0	0
JAC	JANUARY	0	0	0	0	0
JEF	JANUARY	0	0	0	0	0
KNO	JANUARY	0	0	0	0	0
LAK	JANUARY	0	0	0	0	0
LAW	JANUARY	0	0	0	0	0
LIC	JANUARY	0	0	0	0	0
LOG	JANUARY	0	0	0	0	0
LOR	JANUARY	0	0	0	0	0
LUC	JANUARY	0	0	0	0	0
MAD	JANUARY	0	0	0	0	0
MAH	JANUARY	0	0	0	0	0
MAR	JANUARY	0	0	0	0	0
MED	JANUARY	0	0	0	0	0
	JANUARY		0	õ	õ	0
MEG		0				
MER	JANUARY	0	0	0	0	0
MIA	JANUARY	0	0	0	0	0
MOE	JANUARY	0	0	0	0	0
MOT	JANUARY	0	0	0	0	0
MRG	JANUARY	0	0	0	0	0
MRW	JANUARY	0	0	0	0	0
MUS	JANUARY	0	0	0	0	0
NOB	JANUARY	0	0	0	0	0
OTT	JANUARY	0	0	õ	0	0
PAU	JANUARY	0	0	0	0	0
PER	JANUARY	0	0	0	0	0
PIC	JANUARY	0	0	0	0	0
PIK	JANUARY	0	0	0	0	0
					Ö	ō
POR	JANUARY	0	0	0		
PRE	JANUARY	0	0	0	0	0
PUT	JANUARY	0	0	0	0	0
RIC	JANUARY	0	0	0	0	0
ROS	JANUARY	0	0	0	0	0
SAN	JANUARY	0	0	0	0	0
SCI	JANUARY	0	0	0	0	0
SEN	JANUARY	0	0	0	0	0
SHE	JANUARY	0	0	0	0	0
		0	0	õ	0	0
STA	JANUARY					
SUM	JANUARY	0	0	0	0	0
TRU	JANUARY	0	0	0	0	0
TUS	JANUARY	0	0	0	0	0
UNI	JANUARY	0	0	0	0	0
VAN	JANUARY	12655	0 0	0 0	0	0
VIN	JANUARY	0	0	0	0	0
WAR	JANUARY	0	0	0	0	0
WAS	JANUARY	0	0	0	0	0
WAY	JANUARY	0	0	0	0	0
						0
WIL	JANUARY	0	0	0	0	
woo	JANUARY	0	0	0	0	0
WYA	JANUARY	0	0	0	0	0
XXX	JANUARY	39667	0	0	0	0
TOT	JANUARY	3252439	0	0	0	0
ADA	APRIL	0	0	0	0	0
ALL	APRIL	3155271	0	0	0	0
ASD	APRIL	0	0	0	0	0
ATB	APRIL	0	0	0	0	0
ATH	APR!L	0 0	õ	0	0	0
						o
AUG	APRIL	385	0	0	0	
BEL	APRIL	0	0	0	0	0

BRO	APRIL	0	0	0	0	0
BUT	APRIL	0	0	0	0	0
CAR	APRIL	0	0	0	0	0
CHP	APRIL	0	0	0	0	0
CLA	APRIL	0	0	0	0	0
CLE	APRIL	0	0	0	0	0
CLI	APRIL	0	0	0	0	0
COL	APRIL	0	0	0	0	0
COS	APRIL	0	0	0	0	0
CRA	APRIL	0	0	0	0	0
CUY		0		0	ō	
	APRIL		0			0
DAR	APRIL	0	0	0	0	0
DEF	APRIL	0	0	0	0	0
DEL	APRIL	0	0	0	0	0
ERI	APRIL	0	0	0	0	0
FAI	APRIL	0	0	0	0	0
FAY	APRIL	0	0	0	0	0
FRA	APRIL	0	0	0	0	0
FUL	APRIL	0	0	0	0	0
GAL	APRIL	0	0	0	0	0
GEA	APRIL	0	0	0	0	0
GRE	APRIL	0	0	0	0	0
GUE	APRIL	0	0	0	0	0
HAM	APRIL	0	0	0	0	0
HAN				0	0	0
	APRIL	42629	0			
HAR	APRIL	1838	0	0	0	0
HAS	APRIL	0	0	0	0	0
HEN	APRIL	0	0	0	0	0
HIG	APRIL	0	0	0	0	0
HOC	APRIL	0	0	0	0	0
HOL	APRIL	0	0	0	0	0
HUR	APRIL	0	0	0	0	0
JAC	APRIL	0	0	0	0	0
JEF	APRIL	0	0	0	0	0
KNO	APRIL	0	0	0	0	0
LAK	APRIL	0	0	0	0	0
LAW	APRIL	0	0	0	0	0
LIC	APRIL	0	0	0	0	0
LOG	APRIL	0	0	0	0	0
LOR	APRIL	0	0	0	0	0
LUC	APRIL	0	0	0	0	0
MAD	APRIL	0	0	0	0	0
MAH	APRIL	0	0	0	0	0
MAR	APRIL	0	0	0	0	0
MED	APRIL	0	0	0	0	0
MEG	APRIL	0	0	0	0	0
MER	APRIL	0	0	0	0	0
MIA	APRIL	0	0	0	0	0
MOE	APRIL	0	0	0	0	0
MOT	APRIL	0	0	0	0	0
MRG	APRIL	0	0	0	0	0
MRW	APRIL	0	0	0	0	0
MUS	APR!L	0	0	0	0	0
NOB	APRIL	0	0	0	0	0
OTT	APRIL	0	0	0	0	0
PAU	APRIL	0	0	0	0	0
PER	APRIL	0	0	0	0	0
PIC	APRIL	0	0	0	0	0
PIK	APRIL	0	0	0	0	0
POR	APRIL	0	0	0	0	0
PRE	APRIL	0	0	0	0	0
PUT	APRIL	C	0	0	0	0
RIC	APRIL	0	0	0	0	o
ROS	APRIL	С	0	0	0	0
SAN	APRIL	0	0	0	0	C
SCI	APRIL	0	0	0	0	0
501	AFNIL	U	0	U	U	U

SEN	APRIL	O	0	0	0	0
SHE	APRIL	0	0	0	0	0
STA	APRIL	0	0	0	0	0
SUM	APRIL	0	0	0	0	0
TRU	APRIL	0	0	0	0	0
TUS	APRIL	0	0	0	0	0
UNI	APRIL	0	0	0	0	0
VAN	APRIL	12655	0	0	0	0
VIN	APRIL	0	0	0	0	0
WAR	APRIL	0	0	0	0	0
WAS	APRIL	0	0	0	0	0
WAY	APRIL	O	0	0	0	0
WIL	APRIL	o	0	0	0	0
woo	APRIL	0	0	0	0	o
WYA	APRIL	0	0	0	0	0
XXX	APRIL	39667	0	0	0	ō
тот	APRIL	3252439	0	0	0	0
ADA	JULY	0	0	0	0	0
ALL	JULY	3407692	1.6872	7.4487	0	ō
ASD	JULY	0	0	0	0	ō
ATB	JULY	0	0	0	õ	ō
ATH	JULY	0	0	0	õ	ō
AUG	JULY	415	0.0002	0.0008	õ	õ
BEL	JULY	0	0	0	õ	õ
BRO	JULY	0	ů 0	õ	0	Ő
BUT	JULY	0	ů 0	0	õ	0
CAR	JULY	0	0 0	0	õ	0
CHP	JULY	õ	Ő	õ	0	0
CLA	JULY	0	ŏ	0	0	0
CLE	JULY	ō	õ	õ	0	0
CLI	JULY	0	õ	0	0	0
COL	JULY	0	0 0	0 0	0	0
cos	JULY	0	0	0	0	0
CRA	JULY	0	0	0	0	0
CUY	JULY	0	0	0	0	0
DAR	JULY	0	0	0	0	0
DEF	JULY	0	0	0	0	0
DEL	JULY	0	0	0	0	0
ERI	JULY	0	0	0	0	0
FAI	JULY	0	0	0	0	0
FAY	JULY	0	0	0	0	0
FRA	JULY	0	0	0	0	0
FUL	JULY	0	0 0	0	0	0
GAL	JULY	0	0	0	0	0
GEA	JULY	0	0	0	0	0
GRE	JULY	0	0	0	0	ō
GUE	JULY	0	0	0	0	ō
HAM	JULY	0	0 0	0	0	0
HAN	JULY	46040	0.0188	0.1006	o	0
HAR	JULY	1986	0.0008	0.0039	0	0
HAS	JULY	0	0.0000	0.0000	0	0
HEN	JULY	õ	õ	0 0	0	0
HIG	JULY	0	0	0	0	0
нос	JULY	0	0	0	0	0
HOL	JULY	0	0	0	0	0
HUR	JULY	0	0	0	0	
JAC	JULY	0	0	0	0	0 0
JEF	JULY	0	0	0	0	
KNO	JULY	0				0
LAK	JULY	0	0 0	0	0	0
LAN	JULY	0	0	0 0	0	0
LIC	JULY	0	0	0	0	0
LOG	JULY	0			0	0
LOG			0	0	0	0
LUC	JULY JULY	0 0	0	0	0	0
MAD	JULY	0	0	0 0	0	0
	1011	U	U	U	0	0

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MAH	JULY	(	)	0	0	0
MAR	JULY	(	)	0	0	0
MED	JULY	(	)	0	0	0
MEG	JULY	(	)	0	0	0
MER	JULY	(	)	0	0	0
MIA	JULY	C	)	0	0	0
MOE	JULY	(	)	0	0	0
мот	JULY	C	)	0	0	0
MRG	JULY	C	)	0	0	0
MRW	JULY	C	)	0	0	0
MUS	JULY	C	)	0	0	0
NOB	JULY	C	)	0	0	0
οπ	JULY	C	)	0	0	0
PAU	JULY	C	)	0	0	0
PER	JULY	C	)	0	0	0
PIC	JULY	0	1	0	0	0
PIK	JULY	0		0	0	0
POR	JULY	0		0	0	0
PRE	JULY	0		0	0	0
PUT	JULY	0		0	0	0
RIC	JULY	0		0	0	0
ROS	JULY	0		0	0	0
SAN	JULY	0		0 0	D	0
SCI	JULY	0		0 1	C	0
SEN	JULY	0		0 1	)	0
SHE	JULY	0		0 1	0	0
STA	JULY	0	,	0 (	0	0
SUM	JULY	0		0 (	)	0
TRU	JULY	0		0 (	)	0
TUS	JULY	0	1	0 (	)	0
UNI	JULY	0	÷.	0 (	)	0
VAN	JULY	13667	0.009	5 0.0337	7	0
VIN	JULY	0		D (	)	0
WAR	JULY	0	1	D (	)	0
WAS	JULY	0	(	0 (	)	0
WAY	JULY	0	(	) (	) (	0
WIL	JULY	0	(	<b>)</b> (	) (	0
WOO	JULY	0	(	) (	) (	D
WYA	JULY	0	(	) (	) (	D
XXX	JULY	42840	0.0178	0.0869	) (	С
тот	JULY	3407692	1.6872	2 7.4487	<u>'</u> (	כ
MOVES	INTRAZON/	EMISSIONS	OUTPUT			
MONTH	VMT	HC	NOX	SO2	PM2.5	
JANUARY	11550	0	(	) (	) (	C
APRIL	11550	0	(	) (	) (	C
JULY	12475	0.0105	0.0343	з с	) (	כ
MOVES	VEHICLE	BASED	EMISSION	S OUTPUT		
MONTH	VEHICLES	HC	NOX	SO2	PM2.5	
JANUARY	99132	0	(	) (	) (	2
APRIL	99132	0	C	) (	) (	)
JULY	107063	2.9866	1.7807	7 C	• (	)

BASED	EMISSIONS	REPORT				
3 Model	Ozone	SIP	Update	in	2012 GTG	
Network:	I:\ut\mpo\	model\lim\	omse\Base'	\lrp09\int1	8\LIM18J24ASNINT.NET	
Emission	Factors:	I:\ut\mpo\	model\lim\	aq\ozone_	sipin12\2018LACRPC_ozo	ne_3source rpd.csv
Emission	Factors:	I:\ut\mpo\	model\lim\	aq\ozone_	_sipin12\2018LACRPC_ozo	ne_3source_rpvcsv
Population	:					
Trips	:	I:\ut\mpo\	model\lim\	omse\Base	e\lrp09\int18\LIM18TBVIN	IT.MAT
File	(sq	mi):	I:\ut\mpo\	,model\lim	\omse\INPUTS\AREAA.pri	n
Field	Used:	VOL24_TO	Г			
Volume	Field	Used:	VOL24_TRI	ĸ		
Field	Used:	CAP24				
	<ul> <li>Model</li> <li>Network:</li> <li>Emission</li> <li>Emission</li> <li>Population</li> <li>Trips</li> <li>File</li> <li>Field</li> <li>Volume</li> </ul>	Model       Ozone         Network:       I:\ut\mpo\         Emission       Factors:         Emission       Factors:         Population :       .         Trips       :         File       (sq         Field       Used:         Volume       Field	Model       Ozone       SIP         Network:       I:\ut\mpo\model\lim\         Emission       Factors:       I:\ut\mpo\         Emission       Factors:       I:\ut\mpo\         Population:       I:\ut\mpo\         Trips       I:\ut\mpo\         File       (sq         Field       Used:         Volume       Field       Used:	Model       Ozone       SIP       Update         Network:       I:\ut\mpo\model\lim\omse\Base         Emission       Factors:       I:\ut\mpo\model\lim\         Emission       Factors:       I:\ut\mpo\model\lim\         Population:       I:\ut\mpo\model\lim\         Trips       I:\ut\mpo\model\lim\         File       (sq       mi):       I:\ut\mpo\         Field       Used:       VOL24_TOT       Volume       Field       Used:       VOL24_TRI	Model       Ozone       SIP       Update       in         Network:       I:\ut\mpo\model\lim\omse\Base\Irp09\int1         Emission       Factors:       I:\ut\mpo\model\lim\aq\ozone_         Emission       Factors:       I:\ut\mpo\model\lim\aq\ozone_         Population:       I:\ut\mpo\model\lim\aq\ozone_         Trips       :       I:\ut\mpo\model\lim\omse\Base         File       (sq       mi):       I:\ut\mpo\model\lim         Field       Used:       VOL24_TOT         Volume       Field       Used:       VOL24_TRK	Model       Ozone       SIP       Update       in       2012 GTG         Network:       I:\ut\mpo\model\lim\omse\Base\Irp09\int18\LIM18J24ASNINT.NET         Emission       Factors:       I:\ut\mpo\model\lim\aq\ozone_sipin12\2018LACRPC_ozo         Emission       Factors:       I:\ut\mpo\model\lim\aq\ozone_sipin12\2018LACRPC_ozo         Population       :       I:\ut\mpo\model\lim\aq\ozone_sipin12\STP2018LACRPC_ozo         Trips       :       I:\ut\mpo\model\lim\omse\Base\Irp09\int18\LIM18BTBVIN         File       (sq       mi):       I:\ut\mpo\model\lim\omse\Base\Irp09\int18\LIM18TBVIN         Field       Used:       VOL24_TOT       Volume       Field       Used:       VOL24_TRK

CMS/AQ REPORT		
POSTCMS1 UPDATED DEC	2009,	GTG
DATE:03/2: TIME:10:46:31		

PARAMETE FILE DUMP (DAILY.DAT FILE)

HOUR		0	1	2	3	4	-	c	_															
PCTADT		U	Т	2	5	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
URB	FWY		0.9	0.6	0.5	0.6	0.9	2.2	5.0	7.0	<i>.</i> .													
URB	ART		0.5	0.4	0.3	0.8	0.9	2.2 1.5	5.2 3.5	7.3 5.7	6.4	5.2	4.9	5.1	5.3	5.5	6.1	7.2	8	7.9	5.8	4.2	3.4	
RUR	FWY		1.4	1.1	0.3	0.5	1.3				5.5	5.1	5.3	6.2	6.5	6.4	6.8	7.6	8.2	8.1	6.2	4.8	4	
RUR	ART		0.8	0.5	0.9	0.5	1.3	2.2 2.4	3.7	5.2	5.4	5.4	5.6	5.6	5.7	6	6.5	7.1	7.5	7	5.6	4.5	3.8	
PCTADT	TRK		0.0	0.5	0.4	0.5	<b>1</b> 33	2.4	4.8	6.2	5.5	5.3	5.5	5.8	6	6	6.7	7.6	8.1	7.7	5.6	4.2	3.5	
URB	FWY		2.1	1.9	1.8	2	2.4	3	3.9	4.6	E 3	6	6.2	<i>.</i>										
URB	ART		1.1	0.9	1.0	1.2	1.6	2.3	3.9	4.6 5.9	5.3	6	6.3	6.4	6.4	6.4	6.3	5.8	5.2	4.6	4.1	3.7	3.4	
RUR	FWY		2.6	2.2	2.1	2.3	2.6	2.3 3.1	3.5	5.9	6.9	6.7	7.1	7.6	7.4	7.2	7.4	7.2	6	5	3.7	2.8	2.3	
RUR	ART		1.5	1.3	1.4	1.6	2.2	3.1	4.2	5.3	4.5 6.1	5.1	5.6	5.8	5.8	5.8	5.8	5.6	5.3	4.9	4.6	4.3	4	
PCTDIR				1.5	1.4	1.0	2.4	5	4.2	5.5	0.1	6.7	7	7.1	7	6.9	6.8	6.3	5.5	4.6	3.8	3.1	2.6	
URB	FWY		38	40	40	46	56	64	70	70	68	62	58	52	52	52	50	46	38	38	16	F.2	10	
URB	ART		44	46	44	48	54	62	66	68	64	56	54	52	50	50	50	40	40	38	46	52	46	
RUR	FWY		44	46	48	54	60	68	68	64	58	54	52	50	50	50	52	40	40	58 40	46	52	48	
RUR	ART		40	42	44	48	58	66	72	68	60	56	54	50	50	50	50	46	42	40 38	44	48	48	
															50	50	50	40	40	20	46	50	46	
LOS	Е	VC		0	0.625	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11 25	44.075	
SPEEDVC															0.070		0.125	0.75	5.575	10	10.625	11.25	11.875	
curve1		75	75	75	75	75	75	74.9	74.8	74.6	74.2	73.5	72.3	70.5	67.8	64.2	59.5	54	47.7	41.2	34.9	20.0	<b>22 7</b>	
curve2		70	70	70	70	70	70	70	69.9	69.8	69.6	69.2	68.4	67.1	65.1	62.2	58.2	53	47	40.5	34.9 33.9	28.9 27.7	23.7	
curve3		65	65	65	65	65	65	65	65	65	64.9	64.8	64.4	63.8	62.6	60.5	57	52	45.4	40.3 37.8	29.9	27.7	22.2	
curve4		60	60	60	60	60	60	60	60	60	59.9	59.8	59.6	59.1	58.2	56.7	54.3	50.8	46.1	40.3	29.9 33.8	27.3	16.7	
curve5		55	55	55	55	55	55	55	55	55	55	55	54.9	54.7	54.3	53.6	52.3	50	46.5	41.5	35.8	27.5	21.3	
curve6		60	60	60	60	60	60	60	60	59.9	59.8	59.7	59.4	59.1	58.5	57.7	56.5	55	53.1	50.7	47.9	26.5 44.7	21.9	
curve7		55	55	55	55	55	55	55	55	54.9	54.9	54.7	54.5	54.2	53.8	53.1	52.2	50.9	49.3	47.3	44.9	44.7	41.1 39	
curve8		50	50	50	50	50	50	50	50	49.9	49.9	49.8	49.6	49.4	49	48.5	47.7	46.7	45.4	43.8	44.9	42.1 39.5	35	
curve9		45	45	45	45	45	45	45	45	45	44.9	44.8	44.7	44.4	44.1	43.6	43	42.1	40.9	43.8 39.4	37.6	35.5	30.8 33.1	
curve10		50	50	50	50	49.9	49.8	49.7	49.4	49	48.4	47.5	46.5	45.1	43.5	41.7	39.6	37.3	34.9	32.4	29.8	27.3	24.9	
curve11		50	50	50	50	50	49.9	49.7	49.4	48.9	48	46.7	44.9	42.5	39.6	36.2	32.6	28.7	25	21.4	18.2	15.3	24.9 12.9	
curve12		50	50	50	50	50	49.9	49.8	49.6	49.1	48.2	46.8	44.5	41.4	37.5	32.9	28	23.1	18.7	14.9	11.8	9.2	7.2	
curve13		40	40	40	40	40	40	39.9	39.8	39.5	39.2	38.6	37.8	36.7	35.3	33.5	31.4	29	26.4	23.7	21.1	18.5	16.1	
curve14		40	40	40	40	40	39.9	39.8	39.6	39.1	38.5	37.5	36.1	34.3	32.1	29.4	26.5	23.5	20.5	17.7	15.1	12.8	10.1	
curve15		40	40	40	40	40	39.9	39.7	39.4	38.8	37.9	36.5	34.7	32.3	29.5	26.4	23.2	20	17	14.3	11.9	9.9	8.2	
curve16		35	35	35	35	35	34.9	34.8	34.5	34	33.2	32.1	30.5	28.5	26.1	23.5	20.6	17.9	15.2	12,8	10.7	5.5 8.9	7.4	
curve17		35	35	35	35	35	34.9	34.7	34.4	33.9	33.1	32	30.3	28.3	25.8	23.1	20.3	17.5	14.9	12.5	10.7	8.5 8.6		
curve18		35	35	35	35	35	34.9	34.6	34.2	33.5	32.4	30.9	28.8	26.3	23.4	20.4	17.4	14.6	12.1	9.9	8.1	6.6	7.2	
curve19		30	30	30	30	30	29.9	29.8	29.5	29	28.2	27.1	25.6	23.7	21.5	19.1	16.6	14.2	12.1	9.9 10	8.3	6.8	5.4 5.6	
curve20		30	30	30	30	30	29.9	29.7	29.4	28.9	28.1	26.9	25.3	23.4	21.1	18.6	16.1	13.6	11.4	9.5	6.5 7.8			
curve21		30	30	30	30	30	29.9	29.7	29.3	28.7	27.7	26.2	24.4	22.1	19.6	17	14.4	12	9.9	9.5 8.1	7.8 6.6	6.4 5.4	5.3 4.4	
dummy re	ecord ins	ert to mal	e it line u	p with new	cmaq10										-				5.5	0.1	0.0	5.4	4.4	

VC	ratio to	LC	IS	CONVERSIC (VALUE	SHOWN	IS	LOWER	LIMIT	FOR	THAT	LOS)(URBA ROADS	USE	SPEED	BREAKS	BELOW	FOR	LOS	DETERMIN, (ALL	LICE	<b>T</b> 115
	BASE RU	R2 FV	VY											BRERING	DELOW	101	203	DETERIVITY, (ALL	USE	THE
А	0	0	0																	
В	0.3	0	0.25																	
С	0.5	0.1	0.4																	
D	0.7	0.3	0.6																	

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	22	23		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2.9	2.2	1.5	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3.2			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3.1	2.8	2.4	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.9	1.5	1.3	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3.8	3.5	3.1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2.3	2.1	1.7	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
44       46       44         44       44       44         12.5       13.125       13.75       14.375         19.2       15.5       1       16.5       16.2         17.6       13.8       12.2       16.1       11.5         37.3       33.4       35.7       32.2       33.9       30.9         30.5       27.8       22.6       20.4       10.8       9         5.7       4.5       13.9       12       9       7.6         6.8       5.6       6.1       5.1       5.9       4.9         4.4       3.6       4.6       3.8       14.375	42	42	40	
44     44     44       12.5     13.125     13.75     14.375       19.2     15.5       17.6     13.8       12.1     8.6       16.2     12.2       16.1     11.5       37.3     33.4       35.7     32.2       33.9     30.9       30.5     27.8       22.6     20.4       10.8     9       5.7     4.5       13.9     12       9     7.6       6.8     5.6       6.1     5.1       5.9     4.9       4.4     3.6       4.6     3.8	46	46	46	
12.5       13.125       13.75       14.375         19.2       15.5         17.6       13.8         12.1       8.6         16.2       12.2         16.1       11.5         37.3       33.4         35.7       32.2         33.9       30.9         30.5       27.8         22.6       20.4         10.8       9         5.7       4.5         13.9       12         9       7.6         6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8		46	44	
19.2       15.5         17.6       13.8         12.1       8.6         16.2       12.2         16.1       11.5         37.3       33.4         35.7       32.2         33.9       30.9         30.5       27.8         22.6       20.4         10.8       9         5.7       4.5         13.9       12         9       7.6         6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	44	44	44	
19.2       15.5         17.6       13.8         12.1       8.6         16.2       12.2         16.1       11.5         37.3       33.4         35.7       32.2         33.9       30.9         30.5       27.8         22.6       20.4         10.8       9         5.7       4.5         13.9       12         9       7.6         6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	135	13 435	40 75	44375
17.6 $13.8$ $12.1$ $8.6$ $16.2$ $12.2$ $16.1$ $11.5$ $37.3$ $33.4$ $35.7$ $32.2$ $33.9$ $30.9$ $30.5$ $27.8$ $22.6$ $20.4$ $10.8$ 9 $5.7$ $4.5$ $13.9$ $12$ $9$ $7.6$ $6.8$ $5.6$ $6.1$ $5.1$ $5.9$ $4.9$ $4.4$ $3.6$ $4.6$ $3.8$	12.5	13.125	13.75	14.375
12.1 $8.6$ 16.2 $12.2$ 16.1 $11.5$ 37.3 $33.4$ 35.7 $32.2$ 33.9 $30.9$ 30.5 $27.8$ 22.6 $20.4$ 10.895.7 $4.5$ 13.9 $12$ 9 $7.6$ $6.8$ $5.6$ $6.1$ $5.1$ $5.9$ $4.9$ $4.4$ $3.6$ $4.6$ $3.8$	19.2	15.5		
16.2 $12.2$ $16.1$ $11.5$ $37.3$ $33.4$ $35.7$ $32.2$ $33.9$ $30.9$ $30.5$ $27.8$ $22.6$ $20.4$ $10.8$ 9 $5.7$ $4.5$ $13.9$ $12$ $9$ $7.6$ $6.8$ $5.6$ $6.1$ $5.1$ $5.9$ $4.9$ $4.4$ $3.6$ $4.6$ $3.8$	17.6	13.8		
16.1 $11.5$ $37.3$ $33.4$ $35.7$ $32.2$ $33.9$ $30.9$ $30.5$ $27.8$ $22.6$ $20.4$ $10.8$ 9 $5.7$ $4.5$ $13.9$ $12$ 9 $7.6$ $6.8$ $5.6$ $6.1$ $5.1$ $5.9$ $4.9$ $4.4$ $3.6$ $4.6$ $3.8$	12.1	8.6		
37.3 $33.4$ $35.7$ $32.2$ $33.9$ $30.9$ $30.5$ $27.8$ $22.6$ $20.4$ $10.8$ 9 $5.7$ $4.5$ $13.9$ $12$ 9 $7.6$ $6.8$ $5.6$ $6.1$ $5.1$ $5.9$ $4.9$ $4.4$ $3.6$ $4.6$ $3.8$	16.2	12.2		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16.1	11.5		
33.9       30.9         30.5       27.8         22.6       20.4         10.8       9         5.7       4.5         13.9       12         9       7.6         6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	37.3	33.4		
30.5 $27.8$ $22.6$ $20.4$ $10.8$ 9 $5.7$ $4.5$ $13.9$ $12$ 9 $7.6$ $6.8$ $5.6$ $6.1$ $5.1$ $5.9$ $4.9$ $4.4$ $3.6$ $4.6$ $3.8$	35.7	32.2		
22.6       20.4         10.8       9         5.7       4.5         13.9       12         9       7.6         6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	33.9	30.9		
10.8     9       5.7     4.5       13.9     12       9     7.6       6.8     5.6       6.1     5.1       5.9     4.9       4.4     3.6       4.6     3.8	30.5	27.8		
5.7       4.5         13.9       12         9       7.6         6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	22.6	20.4		
13.9     12       9     7.6       6.8     5.6       6.1     5.1       5.9     4.9       4.4     3.6       4.6     3.8	10.8	9		
9       7.6         6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	5.7	4.5		
6.8       5.6         6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	13.9	12		
6.1       5.1         5.9       4.9         4.4       3.6         4.6       3.8	9	7.6		
5.9 4.9 4.4 3.6 4.6 3.8	6.8	5.6		
4.4 3.6 4.6 3.8	6.1	5.1		
4.6 3.8	5.9	4.9		
	4.4	3.6		
13 36		3.8		
	4.3	3.6		
3.6 2.9	3.6	2.9		

BASE VC'S TO DETERMINEXCEEDANCE)

E	0	.9 (	0.5 (	D.8															
F			1	1															
F+	1			1.1															
F++	1	.3 1	1.3 :	1.3															
SPEED	VC	RATIO	BREAKS	FOR	URBAN	STREET	5 (HIGHE	ST SPEED	FOR	<b>G!VEN</b>	LOS	&	FF	SPEED)					
FFS	В	с	D	E	F									51 2207					
>47	4	2	34	27		16													
>37				22		13													
>32				18		10													
<33	2	:5	19	13	9	7													
LEVEL	OF	SERVICE	THRESH	OLI BY	AREA														
NUM	LOS	DEFINITI																	
	1 F	CINCINN	AT CENTRA	L MPO	COUNT	ES (CUY,FR	A,HAM)												
	2 E	OTHER	TMA	MPOS	(AKRON		NON-CI	INT COUNT	IES FROM	1)									
	3 E	OTHER	MPOS	&	PARTS		AREAS		1 &		2 OUTSIE	DE URBAN	NIZEL AREA						
	4 E	RURAL	NON	MPO	COUNT	IES													
PEAK	SPREADI	IC MODEL	INFO	(SET	MAX	ITERATI	ON: TO		о то	DISABLE	PEAK	SPREA	DING)						
MAX	VC	RATIO	FWY:		1.3					5.071066		2. NEA	,						
MAX	VC	RATIO	ART:		1.3														
MAX	ITERATIO	N:: .	10	00															
TRUCK	PCE:		2																
AQ	SEASON	FACTOR:	:	1															
MODEL	CLASS	PARAME	TE (MAX		4 CLASSES	S, HOURS	0-23	w/	NO	OVERLA	PIN	CLASS,	ALLOC	ATE ENTIRE	CLASS	AS	TRUCK	(1) OR	NOT(0))
CLS	TRK		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NOT(0))
CLS	BEG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLS	END		23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLS	NUM		1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	MOUTE	NETWO		ENAICEL		-													
	MOVES COUNTY	NETWOF MONTH		HC	ONS OUTPUT NOX	SO2	PM2.5												
	ADA	JANUAR		0	0	0	0	0											
	ALL	JANUAR	Y 35214	00	0	0	0	0											
	ASD	JANUAR	Y	0	0	0	0	0											
	ATB	JANUAR		0	0	0	0	0											
	ATH	JANUAR		0	0	0	0	0											
	AUG	JANUAR		90	0	0	0	0											
	BEL	JANUAR		0 0	0 0	0	0	0											
	BRO BUT	JANUAR' JANUAR'		0	0	0 0	0 0	0 0											
	CAR	JANUAR		0	0	0	0	0											
	СНР	JANUAR		0	0	0	0	0											
	CLA	JANUAR		0	0	0	0	0											
	CLE	JANUAR	Y	0	0	0	0	0											
	CLI	JANUAR	Y	0	0	0	0	0											
	COL	JANUAR		0	0	0	0	0											
	COS	JANUAR		0	0	0	0	0											
	CRA	JANUAR		0	0	0	0	0											
	CUY	JANUAR		0	0	0	0	0											
	DAR DEF	JANUAR' JANUAR'		0 0	0 0	0 0	0 0	0 0											
	DEL	JANUAR		0	0	0	0	0											
	ERI	JANUAR		0	0	0	0	0											
	FAI	JANUAR		0	0	0	0	Ő											
	FAY	JANUAR		0	0	0	0	0											
	FRA	JANUAR		0	0	0	0	С											
	FUL	JANUAR		0	0	0	0	0											
	GAL	JANUAR		С	0	0	0	0											
	GEA	JANUAR		0	0	0	0	0											
	GRE	JANUAR		0	0	0	0	0											
	GUE	JANUARY	Y	0	0	0	0	0											

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Ta -

HAM	JANUARY	0	0	0	0	0
HAN	JANUARY	53205	0	0	0	0
HAR	JANUARY	1979	0	0	0	0
HAS	JANUARY	0	0	0	0	0
HEN	JANUARY	0	0	0	0	ο
HIG	JANUARY	Ő	0	0 0	õ	õ
HOC	JANUARY	0	0	0	0	0
HOL	JANUARY	0	0	0	0	0
HUR	JANUARY	0	0	0	0	0
JAC	JANUARY	0	0	0	0	0
JEF	JANUARY	0	0	0	0	0
KNO	JANUARY	0	0	0	0	0
LAK	JANUARY	0	0	0	0	0
LAW	JANUARY	0	0	0	0	0
						0
LIC	JANUARY	0	0	0	0	
LOG	JANUARY	0	0	0	0	0
LOR	JANUARY	0	0	0	0	0
LUC	JANUARY	0	0	0	0	0
MAD	JANUARY	0	0	0	0	0
MAH	JANUARY	0	0	0	0	0
MAR	JANUARY	0	0	0	0	0
MED	JANUARY	Ö	o	0	õ	õ
MEG	JANUARY	0	0	0	0	0
MER	JANUARY	0	0	0	0	0
MIA	JANUARY	0	0	0	0	0
MOE	JANUARY	0	0	0	0	0
MOT	JANUARY	0	0	0	0	0
MRG	JANUARY	0	0	0	0	0
MRW	JANUARY	ů 0	0	0	0	0
				0	0	0
MUS	JANUARY	0	0			
NOB	JANUARY	0	. 0	0	0	0
OTT	JANUARY	0	0	0	0	0
PAU	JANUARY	0	0	0	0	0
PER	JANUARY	0	0	0	0	0
PIC	JANUARY	0	0	0	0	0
РІК	JANUARY	0	0	0	0	0
POR	JANUARY	0	0	0	0	0
PRE	JANUARY	0	0	0	õ	ő
						0
PUT	JANUARY	0	0	0	0	
RIC	JANUARY	0	0	0	0	0
ROS	JANUARY	0	0	0	0	0
SAN	JANUARY	0	0	0	0	0
SCI	JANUARY	0	0	0	0	0
SEN	JANUARY	0	0	0	0	0
SHE	JANUARY	0	0	0	0	0
STA	JANUARY	0	0	0	0	0
SUM	JANUARY	0	0 0	0 0	0	0
				0	0	C
TRU	JANUARY	0	0			
TUS	JANUARY	0	0	0	0	0
UNI	JANUARY	0	0	0	0	0
VAN	JANUARY	13066	0	0	0	0
VIN	JANUARY	0	0	0	0	0
WAR	JANUARY	0	0	0	0	0
WAS	JANUARY	0	0	0	0	0
WAY	JANUARY	0	0	0	0	0
		0		0	0	0
WIL	JANUARY		0			
WOO	JANUARY	0	0	0	0	0
WYA	JANUARY	0	0	0	0	0
XXX	JANUARY	45434	0	0	0	0
TOT	JANUARY	3635458	0	0	0	0
ADA	APRIL	0	0	0	0	0
ALL	APRIL	3521400	0	0	C	0
ASD	APRIL	0	0	õ	õ	0
		0	0	0	0	0
ATB	APRIL					
ATH	APRIL	0	0	0	0	0
AUG	APRIL	390	0	0	0	0

BEL	APRIL	0	0	0	0	0
BRO	APRIL	0	0	0	0	0
BUT	APRIL	0	0	0	0	0
CAR	APRIL	0	0	0	0	0
CHP	APRIL	0	0	0	0	0
CLA	APRIL	0	0	0	0	0
CLE	APRIL	0	0	0	0	0
CLI	APRIL	0	0	0	0	0
COL	APRIL	0	0	0	0	0
COS	APRIL	0	0	0	0	0
CRA	APRIL	0	0	0	0	0
CUY	APRIL	0	0	0	0	0
DAR	APRIL	0	0	0	0	0
DEF	APRIL	0	0	0	0	0
DEL	APRIL	0	0	0	0	0
ERI	APRIL	0	0	0	0	0
FAI	APRIL	0	0	0	0	0
FAY	APRIL	0	0	0	0	0
FRA	APRIL	õ	0	0	0	
						0
FUL	APRIL	0	0	0	0	0
GAL	APRIL	0	0	0	0	0
GEA	APRIL	0	0	0	0	0
GRE	APRIL	0	0	0	0	0
GUE	APRIL	0	0	0	0	0
HAM	APRIL	0	0	0	0	0
HAN	APRIL	53205	0	0	0	0
HAR	APRIL	1979	0	0	0	0
HAS	APRIL	0	0	0	0	0
HEN	APRIL	0	0	0	0	0
HIG	APRIL	0	0	0	0	0
HOC	APRIL	0	0	0	0	0
HOL	APRIL	0	0	0	0	0
HUR	APRIL	0	0	0	0	0
JAC	APRIL	0	0	0	0	0
JEF	APRIL	0	0	0	0	0
KNO	APRIL	0	0	0	0	0
LAK	APRIL	0	0	0	0	0
LAW	APRIL	0	0	0	0	0
LIC	APRIL	0	0	0	0	0
LOG	APRIL	0	0	0	0	0
LOR	APRIL	0	0	0	0	0
LUC	APRIL	0	0	0	0	0
MAD	APRIL	0	0	0	0	0
MAH	APRIL	0	0	0	0	0
MAR	APRIL	0	0	0	0	0
MED	APRIL	0	0	0	0	0
MEG	APRIL	0	0	0	0	0
MER	APRIL	0	0	0	0	0
MIA	APRIL	0	0	0	0	0
MOE	APRIL	0	0	0	0	0
мот	APRIL	0	0	0	0	0
MRG	APRIL	0	0	C	0	0
MRW	APRIL	0	0	0	0	0
MUS	APRIL	0	0	0	0	0
NOB	APRIL	0	0	0	0	0
OTT	APRIL	0	0	0	0	0
PAU	APRIL	0	0	0		
					0	0
PER	APRIL	0	0	0	0	0
PIC	APRIL	0	0	0	0	0
PIK	APRIL	0	0	0	0	0
POR	APRIL	0	0	0	0	0
PRE	APRIL	0	0	C	0	0
PUT	APRIL	0	0	0	0	0
RIC	APRIL	0	0	0	0	0
ROS	APRIL	0	0	0	0	0
SAN	APR!L	0	0	0	0	0

SCI	APRIL	0	0	0	0	0
SEN	APRIL	0	0	0	0	0
SHE	APRIL	0	0	0	0	ō
STA	APRIL	0	0 0	0	0	0
SUM	APRIL	0	0	0	0	0
TRU	APRIL	0	0	0	0	0
TUS	APRIL					
		0	0	0	0	0
UNI	APRIL	0	0	0	0	0
VAN	APRIL	13066	0	0	0	0
VIN	APRIL	0	0	0	0	0
WAR	APRIL	0	0	0	0	0
WAS	APRIL	0	0	0	0	0
WAY	APRIL	0	0	0	0	0
WIL	APR!L	0	0	0	0	0
WOO	APRIL	0	0	0	0	0
WYA	APRIL	0	0	0	0	0
XXX	APRIL	45434	0	0	0	0
тот	APRIL	3635458	0	0	0	0
ADA	JULY	0	0	0	0	ō
ALL	JULY	3521400	0.6383	4.3429	0	0
ASD	JULY	0	0.0505	4.5425	0	o
ATB	JULY	0	0			
				0	0	0
ATH	JULY	0	0	0	0	0
AUG	JULY	390	0.0001	0.0002	0	0
BEL	JULY	0	0	0	0	0
BRO	JULY	0	0	0	0	0
BUT	JULY	0	0	0	0	0
CAR	JULY	0	0	0	0	0
CHP	JULY	0	0	0	0	0
CLA	JULY	0	0	0	0	0
CLE	JULY	0	0	0	0	0
CLI	JULY	0	0	0	0	0
COL	JULY	0 0	0	0 0	0	ō
COS	JULY	0	0	0	0	0
CRA	JULY	0				
CUY			0	0	0	0
	JULY	0	0	0	0	0
DAR	JULY	0	0	0	0	0
DEF	JULY	0	0	0	0	0
DEL	JULY	0	0	0	0	0
ERI	JULY	0	0	0	0	0
FAI	JULY	0	0	0	0	0
FAY	JULY	0	0	0	0	0
FRA	JULY	0	0	0	0	0
FUL	JULY	0	0	0	0	0
GAL	JULY	0	0	0	0	0
GEA	JULY	0	0	0	0	0
GRE	JULY	0	0	0	0	0
GUE	JULY	0	0	0	0	ō
HAM	JULY	0	0	0 0	0	ō
HAN	JULY	53205	0.0102	0.1128	0	0
HAR	JULY	1979	0.0003			
				0.0014	0	0
HAS	JULY	0	0	0	0	0
HEN	JULY	0	0	0	0	0
HIG	JULY	0	0	0	0	0
HOC	JULY	0	0	0	0	0
HOL	JULY	0	0	0	0	0
HUR	JULY	0	0	0	0	0
JAC	JULY	0	0	0	0	0
JEF	JULY	0	0	0	0	0
KNO	JULY	0	0	0	õ	o
LAK	JULY	0	0	0	ů C	0
LAW	JULY	0	0	0	ō	0
LIC	JULY	0	0	0		
					0	0
LOG	JULY	0	0	0	0	0
LOR	JULY	0	C	0	0	0
LUC	JULY	0	0	0	0	0

MAD	JULY	0	0	0	0
MAH	JULY	0	0	0	0
MAR	JULY	0	0	0	0
MED	JULY	0	0	0	0
MEG	JULY	0	0	0	0
MER	JULY	0	0	0	0
MIA	JULY	0	0	0	0
MOE	JULY	0	0	0	0
MOT	JULY	0	0	0	0
MRG	JULY	0	0	0	0
MRW	JULY	0	0	0	0
MUS	JULY	0	0	0	0
NOB	JULY	0	0	0	0
OTT	JULY	0	0	0	0
PAU	JULY	0	0	0	0
PER	JULY	0	0	0	0
PIC	JULY	0	0	0	0
PIK	JULY	0	0	0	0
POR	JULY	0	0	0	0
PRE	JULY	0	0	0	0
PUT	JULY	0	0	0	0
RIC	JULY	0	0	0	0
ROS	JULY	0	0	0	0
SAN	JULY	0	0	0	0
SCI	JULY	0	0	0	0
SEN	JULY	0	0	0	0
SHE	JULY	0	0	0	0
STA	JULY	0	0	0 0	ō
SUM	JULY	0	0	0	Ő
TRU	JULY	0	0	Ö	õ
TUS	JULY	0	0	0	õ
UNI	JULY	0	0	0	0
VAN	JULY	13066	0.0032	0.0135	0
VIN	JULY	0	0.0001	0.0100	0
WAR	JULY	0	0	0	0
WAS	JULY	0	0	0	0
WAY	JULY	0	0	0	0
WIL	JULY	0	0	0	õ
WOO	JULY	0	0	0	õ
WYA	JULY	0	0	0	0
		45434	0.008	0.0695	0
XXX TOT		3521400	0.6383	4.3429	0
MOVES		EMISSIONS		4.5425	0
				SO2	
MONTH	VMT	нс	NOX		PM2.5
	12206	0- 0	0	0	0
APRIL	12206			0	0
JULY	12206	0.0034	0.0116		U
MOVES	VEHICLE	BASED	EMISSIONS		
MONTH	VEHICLES	нс	NOX	SO2	PM2.5
JANUARY	99132	0	0	0	0
APRIL	99132	0	0	0	0
JULY	99132	1.431	1.0218	0	0

MOVES	BASED	EMISSIONS	REPORT			
97	ozone	runs	for	2018 update	to	2040 Irp
Loaded	Network:	I:\ut\mpo\	model\lim\;	aq\lrp40in18\LIM20J24	ASNINT.NET	
Network	Emission	Factors:	I:\ut\mpo\	model\lim\aq\lrp40in1	8\2020LACRPC_	ozone_3source_rpd.csv
Vehicle	Emission	Factors:				ozone 3source rpv.csv
Vehicle	Population	:	I:\ut\mpo\	model\lim\aq\lrp40in1	B\STP2020LACRI	PC.csv
Intrazonal	Trips	:	I:\ut\mpo\	model\!im\aq\Irp40in1	B\LIM20TBVINT.	MAT
Area	File	(sq	mi):	I:\ut\mpo\model\lim\a	aq\lrp40in18\are	ea.prn
Volume	Field	Used:	VOL24_TOT	Г		
Truck	Volume	Field	Used:	NONE		
Capacity	Field	Used:	CAPHRAM			

GTG

CMS/AQ	REPORT		
POSTCMS1	UPDATED	DEC	2009,
DATE:05/3	: TIME:11:10	0:11	

PARAMETE FILE DUMP (DAILY.DAT FILE)

HOUR PCTADT		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
URB	FWY		0.9	0.6	0.5	0.6	1	2.5	5.4	7.3	6.2	5	4.8	5	5.2	5.5	6.2	7.0					
URB	ART		0.6	0.4	0.3	0.4	0.7	2	4	6.3	5.7	5	5.1	5.8	6.2	5.5 6.2	6.2 6.8	7.3 7.7	8	8	5.8	4.1	3.4
RUR	FWY		1.2	1	0.9	1	1.4	2.6	4.4	5.4	5.1	5.2	5.5	5.7	5.9	6.2	6.7	7.7	8.3	8.2	6.1	4.5	3.6
RUR	ART		0.8	0.6	0.5	0.7	1.2	2.7	5.2	6.4	5.6	5.2	5.2	5.5	5.7	5.9	6.4	7.5	7.4 8.1	7	5.4	4.3	3.5
PCTADT	Т													515	5.7	5.5	0.4	7.5	8.1	7.9	5.6	4.1	3.3
URB	FWY		1.8	1.6	1.6	1.8	2.2	3.1	4.2	4.9	5.6	6.2	6.5	6.6	6.5	6.5	6.4	6	5.3	10	4.2		
URB	ART		0.9	0.8	0.9	1.1	1.6	2.6	4.6	6.3	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7	5.8	4.6	4.2	3.6	3.2
RUR	FWY		2.1	1.9	1.8	2	2.4	3.2	4.1	4,5	4.9	5.5	5.8	6	6.1	6.1	6	5.8	5.5	4.7 5.1	3.4	2.7	2.2
RUR	ART		1.5	1.4	1.4	1.7	2.3	3.1	4.6	5.4	6.2	6.6	6.8	6.9	6.8	6.8	6.6	6.2	5.5	4.6	4.6	4.2	3.7
PCTDIR																0.0	0.0	0.2	5.5	4.0	3.7	3.1	2.6
URB	FWY		38	40	40	46	56	64	70	70	68	62	58	52	52	52	50	46	38	38	46	50	
URB	ART		44	46	44	48	54	62	66	68	64	56	54	52	50	50	50	46	40	38	46	52	46
RUR	FWY		44	46	48	54	60	68	68	64	58	54	52	50	50	52	52	40	40		46	52	48
UR	ART		40	42	44	48	58	66	72	68	60	56	54	50	50	50	50	48	42	40 38	44	48	48
																50	50	40	40	38	46	50	46
IS EEDVO	E	VC		0	0.625	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11.25	11.875
urve1		75	75	75	75	75	75	74.9	74.8	74.6	74.2	73.5	72.3	70.5	67.8	64.2	r						
urve2		70	70	70	70	70	70	70	69.9	69.8	69.6	69.2	68.4	67.1	67.8 65.1	64.2	59.5	54	47.7	41.2	34.9	28.9	23.7
urve3		65	65	65	65	65	65	65	65	65	64.9	64.8	64.4	63.8	62.6	62.2	58.2	53	47	40.5	33.9	27.7	22.2
urve4		60	60	60	60	60	60	60	60	60	59.9	59.8	59.6	59.1	58.2	60.5	57	52	45.4	37.8	29.9	22.7	16.7
urve5		55	55	55	55	55	55	55	55	55	55	55	54.9	54.7	56.2 54.3	56.7	54.3	50.8	46.1	40.3	33.8	27.3	21.3
urve6		60	60	60	60	60	60	60	60	59.9	59.8	59.7	59.4	59.1	54.5 58.5	53.6	52.3	50	46.5	41.5	35.3	28.5	21.9
urve7		55	55	55	55	55	55	55	55	54.9	54.9	54.7	54.5	59.1 54.2	56.5 53.8	57.7	56.5	55	53.1	50.7	47.9	44.7	41.1
urve8		50	50	50	50	50	50	50	50	49.9	49.9	49.8	49.6	54.z 49.4	55.8 49	53.1	52.2	50.9	49.3	47.3	44.9	42.1	39
urve9		45	45	45	45	45	45	45	45	45	44.9	44.8	44.7	44.4	49 44.1	48.5	47.7	46.7	45.4	43.8	41.8	39.5	36.8
urve10		50	50	50	50	49.9	49.8	49.7	49.4	49	48.4	47.5	46.5	44.4 45.1	44.1	43.6	43	42.1	40.9	39.4	37.6	35.5	33.1
urve11		50	50	50	50	50	49.9	49.7	49.4	48.9	48	46.7	44.9	42.5	45.5 39.6	41.7	39.6	37.3	34.9	32.4	29.8	27.3	24.9
curve12		50	50	50	50	50	49.9	49.8	49.6	49.1	48.2	46.8	44.5	41.4	35.0	36.2 32.9	32.6	28.7	25	21.4	18.2	15.3	12.9
urve13		40	40	40	40	40	40	39.9	39.8	39.5	39.2	38.6	37.8	36.7	37.3	33.5	28	23.1	18.7	14.9	11.8	9.2	7.2
urve14		40	40	40	40	40	39.9	39.8	39.6	39.1	38.5	37.5	36.1	34.3	33.3 32.1	33.5 29,4	31.4	29	26.4	23.7	21.1	18.5	16.1
urve15		40	40	40	40	40	39.9	39.7	39.4	38.8	37.9	36.5	34.7	32.3	29.5	29.4 26.4	26.5	23.5	20.5	17.7	15.1	12.8	10.7
curve16		35	35	35	35	35	34.9	34.8	34.5	34	33.2	32.1	30.5	28.5	25.5	28.4 23.5	23.2	20	17	14.3	11.9	9.9	8.2
urve17		35	35	35	35	35	34.9	34.7	34.4	33.9	33.1	32	30.3	28.3	25.8	23.5 23.1	20.6	17.9	15.2	12.8	10.7	8.9	7.4
urve18		35	35	35	35	35	34.9	34,6	34.2	33.5	32.4	30.9	28.8	26.3	23.8		20.3	17.5	14.9	12.5	10.4	8.6	7.2
urve19		30	30	30	30	30	29.9	29.8	29.5	29	28.2	27.1	25.6	23.7	23.4 21.5	20.4 19.1	17.4	14.6	12.1	9.9	8.1	6.6	5.4
curve20		30	30	30	30	30	29.9	29.7	29.4	28.9	28.1	26.9	25.3	23.4	21.5		16.6	14.2	12	10	8.3	6.8	5.6
urve21		30	30	30	30	30	29.9	29.7	29.3	28.7	27.7	26.2	24.4	23.4	19.6	18.6	16.1	13.6	11.4	9.5	7.8	6.4	5.3
curve22		55	54.9	54.4	53.2	51.1	47.9	44	39.5	34.9	30.4	26.2	24.4	19.2	19.8 16.4	17	14.4	12	9.9	8.1	6.6	5.4	4.4
'C	RATIO	то	ĹŎ		ONVERSIC (V		IOWN IS									14	12	10.4	9	7.8	6.8	6	5.3
	BASE	RUR	2 FW	γY		ALUL OF		LC	WER LIN	AIT FO	R TH	AT LC	S)(URBA RO	ADS USI	E SPE	ED BR	EAKS BE	LOW FO	r los	DE	ETERMIN, (ALL	USI	E THE
A		0	0	0																			
В		0.3	0	0.25																			
С		0.5	0.1	C.4																			
D		0.7	0.3	0.6																			

21	22	23		
3.4	2.9	2.2	1.6	
3.6	2.8	1.9	1.2	
3.5	2.9	2.3	1.7	
3.3	2.7	1.9	1.3	
3.2	2.9	2.5	2.2	
2.2	1.8	1.5	1.2	
3.7	3.3	3	2.5	
2.6	2.4	2.1	1.8	
46	42	42	40	
48	46	42	40 46	
48	44	46	40 44	
46	44	44	44	
l.875	12.5	13.125	13.75	14.375
23.7	19.2	15.5		
22.2	17.6	13.8		
16.7	12.1	8.6		
21.3	16.2	12.2		
21.9 41.1	16.1	11.5		
	37.3	33.4		
39	35.7	32.2		
36.8 33.1	33.9 20 F	30.9		
24.9	30.5 22.6	27.8		
24.9 12.9	10.8	20.4 9		
7.2	5.7	9 4.5		
16.1	13.9	4.5		
10.7	13.5 9	7.6		
8.2	6.8	5.6		
7.4	6.1	5.1		
7.2	5.9	4.9		
5.4	4.4	3.6		
5.6	4.6	3.8		
5.3	4.3	3.6		
4.4	3.6	2.9		
5.3	4.7	4.1		
THE	BAS	SE VC'S	то	DETERMINI EXCEEDANCE)

Е	(	0.9 0	.5 0.	.8														
F		1		1														
F+	:		.1 1.															
F++			.3 1.															
SPEED	VC	RATIO	BREAKS	FOR	URBAN	STREET:	5 (HIGHE	ST SPEED	FOR	GIVEN	LOS	&	FF	SPEED)				
FFS	В	С	D	Е	F									•				
>47		42 3	34 2	.7	21	16												
>37				2	17	13												
>32		30 2	24 1		14	10												
<33		25 1	19 1	3	9	7												
LEVEL	OF		THRESHO	LIBY	AREA													
NUM	LOS	DEFINITION																
	1 F		AT CENTRAL			IES (CUY,FR	-											
	2 E	OTHER	TMA	MPOS	•			ENT COUNT	FIES FROM	1)								
	3 E	OTHER	MPOS	&	PARTS		AREAS		1&		2 OUTSIDE	URBAN	IZEL AREA					
	4 E	RURAL	NON	MPO	COUNT	IES												
PEAK		INC MODEL	INFO	(SET	MAX				0.70	DICADU	<b>DE N</b> //							
MAX	VC	RATIO	FWY:	(SE I	1.3	ITERATI	UN: TU		0 TO	DISABLE	PEAK	SPREAD	(ING)					
MAX	VC	RATIO	ART:		1.3													
MAX	ITERATIO		100	0	1.5													
10 CA	- ERATIC		100	0														
TRUCK	PCE:		2															
			_															
AQ	SEASON	FACTOR:	1.0	8														
MODEL	CLASS	PARAME	TE (MAX		4 CLASSES	S, HOURS	0-23	W/	NO	OVERLAI	P IN	CLASS,	ALLOCA	TE ENTIRE	CLASS	AS	TRUCK(1)	OR NOT(0))
CLS	TRK		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0 0	
CLS	BEG		0 (	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	
CLS	END	2	3 23	3	0	0	0	0	0	0	0	0	0	0	0	0	0 0	
CLS	NUM		1	3	0	0	0	0	0	0	0	0	0	0	0	0	0 0	
<b>→</b>																		
	MOVES	NETWOR			IONS OUTPUT													
	COUNTY			HC	NOX	SO2	PM2.5											
	ADA	JANUARY			0	0	0	0										
	ALL	JANUARY			0	0	0	0										
	ASD	JANUARY			0	0	0	0										
	ATB	JANUARY			0	0	0	0										
	ATH	JANUARY			0	0	0	0										
	AUG BEL	JANUARY JANUARY			0 0	0 0	0 0	0										
	BRO	JANUARY						0										
	BUT	JANUARY			0 0	0 0	0 0	0 0										
	CAR	JANUARY			0	0	0	0										
	CHP	JANUARY			0	0	0	0										
	CLA	JANUARY			0	0	0	0										
	CLE	JANUARY			0	0	0	0										
	CLI	JANUARY			0	õ	0	0										
	COL	JANUARY			0	0	0	0										
	cos	JANUARY			0	0	0	0										
	CRA	JANUARY			0	0	0	0										
	CUY	JANUARY			0	0	0	0										
	DAR	JANUARY	C	)	0	0	0	0										
	DEF	JANUARY			0	0	0	0										
	DEL	JANUARY	C	)	0	0	0	0										
	ERI	JANUARY	C	)	0	0	0	0										
	FAI	JANUARY	C	)	0	0	0	0										
	FAY	JANUARY	C	)	0	0	0	0										
	FRA	JANUARY	(	)	0	0	0	0										
	FUL	JANUARY	(	)	0	0	0	0										
	GAL	JANUARY	C	)	0	0	0	0										
	GEA	JANUARY	C	)	С	0	0	0										
	GRE	JANUARY	C	)	0	0	0	С										
	GUE	JANUARY	C	)	0	0	0	0										

HAM	JANUARY	0	0	0	0	0
HAN	JANUARY	52026	0	0	0	0
HAR	JANUARY	2021	0	0	0	0
HAS	JANUARY	0	0	0	0	0
HEN	JANUARY	0	0	0	0	0
HIG	JANUARY	0	0	0	0	o
HOC	JANUARY	0	0	0	0	0
HOL	JANUARY	0	0	0	0	0
HUR	JANUARY	0	0	0	0	0
JAC	JANUARY	0	0	0	0	0
JEF	JANUARY	0	0	0	0	0
KNO	JANUARY	Ő	0	0	0	0
LAK	JANUARY	0	0	0	0	0
LAW	JANUARY	0	0	0	0	0
LIC	JANUARY	0	0	0	0	0
LOG	JANUARY	0	0	0	0	0
LOR	JANUARY	0	0	ο	0	0
LUC	JANUARY	Ö	0	0	0	0
						0
MAD	JANUARY	0	0	0	0	
MAH	JANUARY	0	0	0	0	0
MAR	JANUARY	0	0	0	0	0
MED	JANUARY	0	0	0	0	0
MEG	JANUARY	0	0	0	0	0
MER	JANUARY	0	0	0	0	0
MIA	JANUARY	0	0	0	0	0
MOE	JANUARY	0	0	0	0	0
мот	JANUARY	0	0	0	0	0
MRG	JANUARY	0	0	0	0	0
MRW	JANUARY	0	0	0	0	0
MUS	JANUARY	0	0	0	0	0
					0	0
NOB	JANUARY	0	0	0		
OTT	JANUARY	0	0	0	0	0
PAU	JANUARY	0	0	0	0	0
PER	JANUARY	0	0	0	0	0
PIC	JANUARY	0	0	0	0	0
PIK	JANUARY	0	0	0	0	0
POR	JANUARY	0	0	Ő	0	ő
PRE	JANUARY	0	0	0	0	0
PUT	JANUARY	0	0	0	0	0
RIC	JANUARY	0	0	0	0	0
ROS	JANUARY	0	0	0	0	0
SAN	JANUARY	0	0	0	0	0
SCI	JANUARY	0	0	0	0	0
SEN	JANUARY	0	0	0	0	0
SHE	JANUARY	0	0	0	0	0
STA	JANUARY	0	0	0	0	0
SUM	JANUARY	0	0	0	0	0
TRU	JANUARY	0	0	0	0	0
TUS	JANUARY	0	0	0	0	0
		0	0	0	0	0
UNI	JANUARY					
VAN	JANUARY	11767	0	0	0	0
VIN	JANUARY	0	0	0	0	0
WAR	JANUARY	0	0	0	0	0
WAS	JANUARY	0	0	0	0	0
WAY	JANUARY	0	0	0	0	0
WIL	JANUARY	0	0	0	0	0
WOO	JANUARY	0	0	0	0	0
WYA	JANUARY	0	0	0	0	0
XXX	JANUARY	42177	0	0	0	0
тст	JANUARY	3155925	0	0	0	0
ADA	APRIL	0	0	0	0	0
ALL	APRIL	3047523	0	0	õ	C
ASD	APRIL	0	0	0	0	0
ATB	APRIL	0	0	0	0	0
ATH	APRIL	0	0	0	0	0
AUG	APRIL	429	0	0	σ	0

BEL	APRIL	0	0	0	0	0
BRO	APRIL	0		0	0	
			0			0
BUT	APR!L	0	0	0	0	0
CAR	APRIL	0	0	0	0	0
CHP	APRIL	0	0	0	0	0
CLA	APRIL	0	0	0	0	0
CLE	APRIL	0	0	0	0	0
CLI	APRIL	0	0	0	0	0
COL	APRIL	0	0	0	0	0
COS	APRIL	0	0	0	0	0
CRA	APRIL	0				
			0	0	0	0
CUY	APRIL	0	0	0	0	0
DAR	APRIL	0	0	0	0	0
DEF	APRIL	0				
			0	0	0	0
DEL	APRIL	0	0	0	0	0
ERI	APRIL	0	0	0	0	0
FAI	APRIL					
		0	0	0	0	0
FAY	APRIL	0	0	0	0	0
FRA	APRIL	0	0	0	0	0
FUL	APRIL	0	0	0	0	0
GAL	APRIL	0	0	0	0	0
GEA	APRIL	0	0	0	0	0
GRE	APRIL	0	0	0	0	0
GUE	APRIL	0	0	0	0	0
HAM	APRIL	0	0	0	0	0
HAN	APRIL	52026	0	0	0	0
HAR	APRIL	2021	0	0	0	0
HAS	APRIL	0	0	0	0	0
HEN	APRIL	0	0	0	0	0
HIG	APRIL	0	0	0	0	0
HOC	APRIL	0	0	0	0	0
HOL	APRIL	0	0	0	0	0
HUR	APRIL	0	0	0	0	0
JAC	APRIL	0	0	0	0	0
JEF	APRIL	0	0	0	0	0
KNO	APRIL	0	0	0	0	0
LAK	APRIL	0	0	0	0	0
LAW	APRIL	0	0	0	0	0
LIC	APRIL	0	0	0	0	0
LOG	APRIL	0	0	0	0	0
LOR						
	APRIL	0	0	0	0	0
LUC	APRIL	0	0	0	0	0
MAD	APRIL	0	0	0	0	0
		0				
MAH	APRIL	•	0	0	0	0
MAR	APRIL	0	0	0	0	0
MED	APRIL	0	0	0	0	0
MEG	APRIL	0	0	0	0	0
MER	APRIL	0	0	0	0	0
MIA	APRIL	0	0	0	0	0
MOE	APRIL	0	0	0		
					0	0
MOT	APRIL	0	0	0	0	0
MRG	APRIL	0	0	0	0	0
MRW	APRIL		0			
		0		0	0	0
MUS	APRIL	0	0	0	0	0
NOB	APRIL	0	0	0	0	0
оп	APRIL	0	0	0	0	0
PAU	APRIL	0	0	0	0	0
PER	APRIL	0	0	0	0	0
PIC	APRIL	O	0	0	0	0
PIK	APRIL	0	0	0	0	0
POR	APRIL	С	0	0	С	0
PRE	APRIL	o	0	0	õ	õ
PUT	APRIL	0	0	0	0	0
RIC	APRIL	0	0	0	0	0
ROS	APRIL	0		0	õ	õ
			C			
SAN	APRIL	0	0	0	0	0

SCI	APRIL	0	0	0	0	0
SEN	APRIL	0	0	0	0	0
SHE	APRIL	0	0	0	0	0
STA	APRIL	0	0	0	0	ō
SUM	APRIL	0	0	0	0	0
TRU	APRIL	0	0	0	0	Ő
TUS	APRIL	0	0	0	0	0
UNI	APRIL	0	0			
				0	0	0
VAN	APRIL	11767	0	0	0	0
VIN	APRIL	0	0	0	0	0
WAR	APRIL	0	0	0	0	0
WAS	APRIL	0	0	0	0	0
WAY	APRIL	0	0	0	0	0
WIL	APRIL	0	0	0	0	0
WOO	APRIL	0	0	0	0	0
WYA	APRIL	0	0	0	0	0
XXX	APRIL	42177	0	0	0	0
TOT	APRIL	3155925	0	0	0	0
ADA	JULY	0	0	0	0	0
ALL	JULY	3291325	0.5622	1.905	0	0
ASD	JULY	0	0	0	0	0
ATB	JULY	0	0 0	0	Ő	Ő
ATH	JULY	0	0	0	0	Ő
AUG	JULY	463	0.0001	0.0002		
BEL					0	0
	JULY	0	0	0	0	0
BRO	JULY	0	0	0	0	0
BUT	JULY	0	0	0	0	0
CAR	JULY	0	0	0	0	0
CHP	JULY	0	0	0	0	0
CLA	JULY	0	0	0	0	0
CLE	JULY	0	0	0	0	0
CLI	JULY	0	0	0	0	0
COL	JULY	0	0	0	0	0
COS	JULY	0	0	0	0	0
CRA	JULY	0	0	0	0	0
CUY	JULY	Ó	0	0	0	0
DAR	JULY	0	0	0	0	0
DEF	JULY	0	0	0	0	0
DEL	JULY	0 0	0	0 0	0	0
ERI	JULY	0	0	0	0	0
FAI	JULY	0	0	0	0	0
FAY	JULY	0	0			
FRA	JULY	0		0	0	0
FUL			0	0	0	0
	JULY	0	•	v	v	Ŭ
GAL	JULY	0	0	0	0	0
GEA	JULY	0	0	0	0	0
GRE	JULY	0	0	0	0	0
GUE	JULY	0	0	0	0	0
HAM	JULY	0	0	0	0	0
HAN	JULY	56189	0.0095	0.0343	0	0
HAR	JULY	2182	0.0003	0.0011	0	0
HAS	JULY	0	0	0	0	0
HEN	JULY	0	0	0	0	0
HIG	JULY	0	0	0	0	0
HOC	JULY	0	0	0	С	С
HOL	JULY	0	0	0	0	0
HUR	JULY	0	0	0	0	0
JAC	JULY	0	0	0	0	0
JEF	JULY	0	0	0	0	0
KNO	JULY	0	0	0	0	
LAK	JULY	0				0
LAW	JULY		0	0	0	0
		0	0	0	0	0
LIC	JULY	0	0	0	0	0
LOG	JULY	0	0	0	0	0
LOR	JULY	0	0	0	0	0
LUC	JULY	0	0	0	0	0

MAD	JULY	0	0	0	0	
MAH	JULY	0	0	0	0	
MAR	JULY	0	0	0	0	
MED	JULY	0	0	0	0	
MEG	JULY	C	0	0	0	
MER	JULY	0	0	0	0	
MIA	JULY	0	0	0	0	
MOE	JULY	0	0	0	0	
MOT	JULY	0	0	0	0	
MRG	JULY	0	0	0	0	
MRW	JULY	0	0	0	0	
MUS	JULY	0	0	0	0	
NOB	JULY	0	0	0	0	
OTT	JULY	0	0	0	0	
PAU	JULY	0	0	0	0	
PER	JULY	0	0	0	0	
PIC	JULY	0	0	0	0	
PIK	JULY	0	0	0	0	
POR	JULY	0	0	0	0	
PRE	JULY	0	0	0	0	
PUT	JULY	0	0	0	0	
RIC	JULY	0	0	0	0	
ROS	JULY	0	0	0	0	
SAN	JULY	0	0	0	0	
SCI	JULY	0	0	0	0	
SEN	JULY	0	0	0	0	
SHE	JULY	0	0	0	0	
STA	JULY	0	0	0	0	
SUM	JULY	0	0	0	0	
TRU	JULY	0	0	0	0	
TUS	JULY	0	0	0	0	
UNI	JULY	0	0	0	0	
VAN	JULY	12709	0.0027	0.0076	0	
VIN	JULY	0	0	0	0	
WAR	JULY	0	0	0	0	
WAS	JULY	0	0	0	0	
WAY	JULY	0	0	0	0	
WIL	JULY	0	0	0	0	
woo	JULY	0	0	0	0	
WYA	JULY	0	0	0	0	
XXX	JULY	45551	0.0065	0.0236	0	
тот	JULY	3291325	0.5622	1.905	0	
MOVES		EMISSIONS OU			·	
MONTH	VMT	HC NO		2 PM2.5		
JANUARY	8916	0	0	0	0	
APRIL	8916		0	0	0	
JULY	9630	0.0023	0.0062	o	0	
MOVES	VEHICLE		AISSIONS OU		0	
MONTH	VEHICLES	HC NC				
JANUARY	110638	0	0	0	0	
APRIL	110638	0 0	0	0	0	
JULY	119489	1.377	0.7155	0	0	
	_10,00	2.377	J., 100	v	U	

MOVES	BASED	EMISSIONS	REPORT				
97	ozone	runs	for	2018 update	2	to	2040 lrp
Loaded	Network:	I:\ut\mpo\	model\lim\a	aq\lrp40in18\LIM30	0J24/	ASNINT.NET	
Network	Emission	Factors:	I:\ut\mpo\i	model\lim\aq\lrp40	0in18	3\2030LACRPC_	ozone_3source_rpd.csv
Vehicle	Emission	Factors:	I:\ut\mpo\i	model\lim\aq\lrp40	Din18	3\2030LACRPC	ozone_3source_rpv.csv
Vehicle	Population	:	I:\ut\mpo\	model\lim\aq\lrp40	Din18	3\STP2030LACR	PC.csv
Intrazonal	Trips	:	I:\ut\mpo\	model\lim\aq\lrp40	Din18	3\LIM30TBVINT	.MAT
Area	File	(sq	mi):	I:\ut\mpo\model\I	lim\a	ıq\lrp40in18∖ar	ea.prn
Volume	Field	Used:	VOL24_TOT	Г			
Truck	Volume	Field	Used:	NONE			
Capacity	Field	Used:	CAPHRAM				

CMS/AQ	REPORT			
POSTCMS1	UPDATED	DEC	2009,	GTG
DATE:05/3	TIME:11:12	2:18		

	PARAN	VETE FILE	DU	JMP (D	OAILY.DAT FI	LE)																	
HOUR PCTADT		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
URB	FWY		0.9	0.6	0.5	0.6	1	2.5	5.4	7.3	6.2	5	4.8	5	5.2	5.5	6.2	7.3	8	8	5.8	4.1	3.4
URB	ART		0.6	0.4	0.3	0.4	0.7	2	4	6.3	5.7	5	5.1	5.8	6.2	6.2	6.8	7.7	8.3	8.2	6.1	4.5	3.6
RUR	FWY		1.2	1	0.9	1	1.4	2.6	4.4	5.4	5.1	5.2	5.5	5.7	5.9	6.2	6.7	7.3	7.4	7	5.4	4.3	3.5
RUR	ART		0.8	0.6	0.5	0.7	1.2	2.7	5.2	6.4	5.6	5.2	5.2	5.5	5.7	5.9	6.4	7.5	8.1	7.9	5.6	4.1	3.3
PCTADT	T																						
URB	FWY		1.8	1.6	1.6	1.8	2.2	3.1	4.2	4.9	5.6	6.2	6.5	6.6	6.5	6.5	6.4	6	5.3	4.6	4.2	3.6	3.2
URB	ART		0.9	0.8	0.9	1.1	1.6	2.6	4.6	6.3	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7	5.8	4.7	3.4	2.7	2.2
RUR	FWY		2.1	1.9	1.8	2	2.4	3.2	4.1	4.5	4.9	5.5	5.8	6	6.1	6.1	6	5.8	5.5	5.1	4.6	4.2	3.7
RUR PCTDIR	ART		1.5	1.4	1.4	1.7	2.3	3.1	4.6	5.4	6.2	6.6	6.8	6.9	6.8	6.8	6.6	6.2	5.5	4.6	3.7	3.1	2.6
URB	FWY		38	40	40	46	56	64	70	70	68	62	58	52	52	52	50	46	38	38	46	52	46
URB	ART		44	46	44	48	54	62	66	68	64	56	54	52	50	50	50	46	40	38	46	52	48
RUR	FWY		44	46	48	54	60	68	68	64	58	54	52	50	50	52	52	48	42	40	44	48	48
RUR	ART		40	42	44	48	58	66	72	68	60	56	54	50	50	50	50	46	40	38	46	50	46
LOS SPEEDVC	E	VC		0	0.625	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11.25	11.875
curve1		75	75	75	75	75	75	74.9	74.8	74.6	74.2	73.5	72.3	70.5	67.8	64.2	59.5	54	47.7	41.2	34.9	28.9	23.7
curve2		70	70	70	70	70	70	70	69.9	69.8	69.6	69.2	68.4	67.1	65.1	62.2	58.2	53	47	40.5	33.9	27.7	22.2
curve3		65	65	65	65	65	65	65	65	65	64.9	64.8	64.4	63.8	62.6	60.5	57	52	45.4	37.8	29.9	22.7	16.7
curve4		60	60	60	60	60	60	60	60	60	59.9	59.8	59.6	59.1	58.2	56.7	54.3	50.8	46.1	40.3	33.8	27.3	21.3
curve5		55	55	55	55	55	55	55	55	55	55	55	54.9	54.7	54.3	53.6	52.3	50	46.5	41.5	35.3	28.5	21.9
curve6		60	60	60	60	60	60	60	60	59.9	59.8	59.7	59.4	59.1	58.5	57.7	56.5	55	53.1	50.7	47.9	44.7	41.1
curve7		55	55	55	55	55	55	55	55	54.9	54.9	54.7	54.5	54.2	53.8	53.1	52.2	50.9	49.3	47.3	44.9	42.1	39
curve8		50	50	50	50	50	50	50	50	49.9	49.9	49.8	49.6	49.4	49	48.5	47.7	46.7	45.4	43.8	41.8	39.5	36.8
curve9		45	45	45	45	45	45	45	45	45	44.9	44.8	44.7	44.4	44.1	43.6	43	42.1	40.9	39.4	37.6	35.5	33.1
curve10		50	50	50	50	49.9	49.8	49.7	49.4	49	48.4	47.5	46.5	45.1	43.5	41.7	39.6	37.3	34.9	32.4	29.8	27.3	24.9
curve11		50	50	50	50	50	49.9	49.7	49.4	48.9	48	46.7	44.9	42.5	39.6	36.2	32.6	28.7	25	21.4	18.2	15.3	12.9
curve12		50	50	50	50	50	49.9	49.8	49.6	49.1	48.2	46.8	44.5	41.4	37.5	32.9	28	23.1	18.7	14.9	11.8	9.2	7.2
curve13		40	40	40	40	40	40	39.9	39.8	39.5	39.2	38.6	37.8	36.7	35.3	33.5	31.4	29	26.4	23.7	21.1	18.5	16.1
curve14		40	40	40	40	40	39.9	39.8	39.6	39.1	38.5	37.5	36.1	34.3	32.1	29.4	26.5	23.5	20.5	17.7	15.1	12.8	10.7
curve15		40	40	40	40	40	39.9	39.7	39.4	38.8	37.9	36.5	34.7	32.3	29.5	26.4	23.2	20	17	14.3	11.9	9.9	8.2
curve16		35	35	35	35	35	34.9	34.8	34.5	34	33.2	32.1	30.5	28.5	26.1	23.5	20.6	17.9	15.2	12.8	10.7	8.9	7.4
curve17		35	35	35	35	35	34.9	34.7	34.4	33.9	33.1	32	30.3	28.3	25.8	23.1	20.3	17.5	14.9	12.5	10.4	8.6	7.2
curve18		35	35	35	35	35	34.9	34.6	34.2	33.5	32.4	30.9	28.8	26.3	23.4	20.4	17.4	14.6	12.1	9.9	8.1	6.6	5.4
curve19		30	30	30	30	30	29.9	29.8	29.5	29	28.2	27.1	25.6	23.7	21.5	19.1	16.6	14.2	12	10	8.3	6.8	5.6
curve20		30	30	30	30	30	29.9	29.7	29.4	28.9	28.1	26.9	25.3	23.4	21.1	18.6	16.1	13.6	11.4	9.5	7.8	6.4	5.3
curve21		30	30	30	30	30	29.9	29.7	29.3	28.7	27.7	26.2	24.4	22.1	19.6	17	14.4	12	9.9	8.1	6.6	5.4	4.4
curve22		55	54.9	54.4	53.2	51.1	47.9	44	39.5	34.9	30.4	26.2	22.4	19.2	16.4	14	12	10.4	9	7.8	6.8	6	5.3
VC	RATIO BASE	TO RUR	LO. 2 FW		ONVERSIC (V	ALUE S	HOWN IS	L	OWER LI	VIIT FO	OR TH	IAT LO	OS)(URBA RO	ADS U	SE SF	PEED BI	REAKS BE	ELOW FO	DR LO	S D	ETERMIN. (A	LL U	SE TH
А		0	0	0																			
В		0.3	0	0.25																			

~	v	U	0
В	0.3	0	0.25
С	0.5	0.1	0.4
D	0.7	0.3	0.6

21	22	23			
.4	2,9	2.2	1.6		
.6	2.8		1.2		
.5	2.9		1.7		
.3	2.7		1.3		
	2.7	1.5	1.5		
.2	2.9	2.5	2.2		
.2	1.8	1.5	1.2		
.7	3.3	3	2.5		
.6	2.4	2.1	1.8		
16	42	42	40		
18	46	46	46		
18	44	46	44		
16	44	44	44		
75	12.5	13.125	13.75	14.375	
.7	19.2	15.5			
.2	17.6	13.8			
.7	12.1	8.6			
.3	16.2	12.2			
.9	16.1	11.5			
.1	37.3	33.4			
9	35.7	32.2			
.8	33.9	30.9			
.1	30.5	27.8			
.9	22.6	20.4			
.9	10.8	9			
.2	5.7	4.5			
.1	13.9	12			
.7	9	7.6			
.2	6.8	5.6			
.4	6.1	5.1			
.2	5.9	4.9			
.4	4.4	3.6			
.6	4.6	3.8			
.3	4.3	3.6			
.4	3.6	2.9			
.3	4.7	4.1			
THE			VC'S	то	DETERMIN EXCEEDANCE)
					,

E	0.		.5 0.																
F F+	1.		1 .1 1.	1 1			G												
++	1.		.3 1.																
SPEED	VC	RATIO	BREAKS	FOR	URBAN	STREETS	G (HIGHE	ST SPEED	FOR	GIVEN	LOS	&	FF	SPEED)					
FFS	В	с	D	E	F														
>47			34 2 28 2			16 13													
>37 >32			28 2 24 1			15 10													
<33			19 1		9	7													
LEVEL NUM	OF LOS	SERVICE DEFINITI	THRESHO ON	LI BY	AREA														
	1 F		AT CENTRAL	MPO	COUNT	ES (CUY,FR	A,HAM)												
	2 E	OTHER	TMA	MPOS	(AKRON			INT COUNT		1)									
	3 E	OTHER	MPOS	&	PARTS		AREAS		1 &		2 OUTSIDE	URBANI	ZEL AREA						
	4 E	RURAL	NON	MPO	COUNTI	ES													
PEAK		NC MODEL	INFO	(SET	MAX	ITERATI	ON: TO		0 TO	DISABLE	PEAK	SPREAD	NG)						
MAX	VC	RATIO	FWY:		1.3														
MAX MAX	VC ITERATIO	RATIO N::	ART: 100		1.3														
TRUCK	PCE:		2																
				-															
AQ	SEASON	FACTOR:	1.0	8															
MODEL	CLASS	PARAME				, HOURS	0-23	w/	NO	OVERLAP		CLASS,		ATE ENTIRE O	CLASS 0	AS O	TRUC 0	K(1) OR 0	NOT(0)
CLS	TRK			1	0	0	0	0 0	0 0			0 0	0 0	0	0	0	0	0	
CLS CLS	BEG END			0	0	0	0	U	0	U	0	0	v	U	Ų	0	v		
			2 2	2	0	0	0			0	0	n	D	0	0	0	0	0	
CLS	NUM			3 3	0 0	0 0	0 0	0 0	0 0			0	0 0	0 0	0 0	0 0	0 0	0 0	
	NUM MOVES COUNTY	NETWOF MONTH	1 K LINK VMT	3 EMISSIC HC	0 DNS OUTPUT NOX	0 - SO2	0 PM2.5	0 0	0										
CLS	NUM MOVES COUNTY ADA	NETWOF MONTH JANUAR`	1 K LINK VMT	3 EMISSIC HC 0	0 NS OUTPUT	0	0	0	0										
CLS	NUM MOVES COUNTY	NETWOF MONTH	1 K LINK VMT 7 319658	3 EMISSIC HC 0	0 NOS OUTPUT NOX 0	0 - SO2 0	0 PM2.5 0	0 0 0	0										
CLS	NUM MOVES COUNTY ADA ALL	NETWOF MONTH JANUAR JANUAR	1 K LINK VMT , 319658	3 EMISSIC HC 0 2	0 NNS OUTPUT NOX 0 0	0 - SO2 0 0	0 PM2.5 0 0	0 0 0 0 0 0	0										
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658	3 EMISSIC HC 0 2 0 0 0	0 NNS OUTPUT NOX 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0	0 0 0 0 0 0 0	0										
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG	NETWOF MONTH JANUAR' JANUAR' JANUAR' JANUAR' JANUAR'	1 K LINK VMT 319658 7 7 7 4 3	3 EMISSIC HC 0 2 0 0 0 0 0	0 NNS OUTPUT NOX 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0										
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 7 7 7 4 4 4 3	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 7 7 7 4 4 4 4 7	3 EMISSIC HC 2 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 7 7 7 4 4 4 7	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATB AUG BEL BRO BUT	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 4 4 4 4 4 4 4 4 4 4 4 4 4	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 43 43 43 43 43 43 43 43 43 43	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 43 43 43 43 43 43 43 43 43 43	3 EMISSIC HC 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE CLI	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 43 43 43 43 43 43 43 43 43 43	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 43 43 43 43 43 43 43 43 43 43	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 43 43 43 43 43 43 43 43 43 43	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0						0				
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CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT 319658 43 43 43 43 43 43 43 43 43 43	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0						0				
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CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS CRA CUY DAR DEF DEL ERI FAI FAY	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT , , , , , , , , , , , , ,	3 EMISSIC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0						0				
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CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS CRA CUY DAR DEF DEL ERI FAI FAI FAY FRA FUL	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT , , , , , , , , , , , , ,	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS CRA CLE CLI COL COS CRA CUY DAR DEF DEL ERI FAI FAI FAA FUL GAL	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1  K LINK VMT , 319658 , , , , , , , , , , , , , , , , , , ,	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0						0				
CLS	NUM MOVES COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS CRA CUY DAR DEF DEL ERI FAI FAI FAY FRA FUL	NETWOF MONTH JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR JANUAR	1 K LINK VMT , , , , , , , , , , , , ,	3 EMISSIC HC 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NOX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 SO2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM2.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0						0				

HAM	JANUARY	0	0	0	0	0
HAN	JANUARY	58759	0	0	0	0
HAR	JANUARY	2022	0	0	0	0
HAS	JANUARY	0	0	0	0	0
HEN	JANUARY	0	0	0	0	õ
HIG	JANUARY	0	0	0	0	0
HOC	JANUARY	0	0	0	0	0
HOL	JANUARY	0	0	0	0	0
HUR	JANUARY	0	0	0	0	0
JAC	JANUARY	0	0	0	0	0
JEF	JANUARY	0	0	0	0	0
KNO	JANUARY	0 0	Ö	0	0	ō
LAK	JANUARY	0	0	0	0	0
LAW	JANUARY	0	0	0	0	0
LIC	JANUARY	0	0	0	0	0
LOG	JANUARY	0	0	0	0	0
LOR	JANUARY	0	0	0	0	0
LUC	JANUARY	0	0	0	0	0
MAD	JANUARY	0	0	0	ō	0
MAH	JANUARY	0	o			
				0	0	0
MAR	JANUARY	0	0	0	0	0
MED	JANUARY	0	0	0	0	0
MEG	JANUARY	0	0	0	0	0
MER	JANUARY	0	0	0	0	0
MIA	JANUARY	0	0	0	0	0
MOE	JANUARY	0	0	0	0	0
MOT	JANUARY	0	o	0	0	õ
MRG	JANUARY	0	0	0	0	0
MRW	JANUARY	0	0	0	0	0
MUS	JANUARY	0	0	0	0	0
NOB	JANUARY	0	0	0	0	0
OΠ	JANUARY	0	0	0	0	0
PAU	JANUARY	0	0	0	0	0
PER	JANUARY	0	0	0	0	0
PIC	JANUARY	0	0			
				0	0	0
PIK	JANUARY	0	0	0	0	0
POR	JANUARY	0	0	0	0	0
PRE	JANUARY	0	0	0	0	0
PUT	JANUARY	0	0	0	0	0
RIC	JANUARY	0	0	0	0	0
ROS	JANUARY	0	0	0	0	0
SAN	JANUARY	0	0	0	0	0
SCI	JANUARY	0	Ő	0 0	0	0
SEN	JANUARY	0	0	0	0	0
SHE	JANUARY	0	0	0	0	0
STA	JANUARY	0	0	0	0	0
SUM	JANUARY	0	0	0	0	0
TRU	JANUARY	0	0	0	0	0
TUS	JANUARY	0	0	0	0	0
UNI	JANUARY	0	0	0	0	0
VAN	JANUARY	11922	0	0	0	0
VIN	JANUARY	0	0	0	0	0
WAR	JANUARY	0	0	0	0	0
WAS	JANUARY	0	0	0	0	0
WAY	JANUARY	0	0	0	0	0
WIL	JANUARY	0	С	0	0	0
woo	JANUARY	0	0	0	0	0
WYA	JANUARY	0	0	0	0	0
XXX	JANUARY	45100	0	c	0	ō
		3314798	c	0		
TOT	JANUARY				0	0
ADA	APRIL	0	0	0	0	0
ALL	APRIL	3196582	0	0	0	0
ASD	APRIL	0	C	0	0	0
ATB	APRIL	0	С	0	0	0
ATH	APRIL	0	0	0	0	0
AUG	APRIL	430	С	0	0	0
			•	-	-	v

BEL	APRIL	0	0	0	0	0	
BRO	APRIL	0	0	0	0	0	
BUT	APRIL	0	0				
				0	0	0	
CAR	APRIL	0	0	0	0	0	
CHP	APRIL	0	0	0	0	0	
CLA	APRIL	0	0	0	0	0	
CLE	APRIL	0	0	0	0	0	
CL!	APRIL	0	0	0	0	0	
COL	APRIL	0	0	0	0 0	õ	
COS							
	APRIL	0	0	0	0	0	
CRA	APRIL	0	0	0	0	0	
CUY	APRIL	0	0	0	0	0	
DAR	APRIL	0	0	0	0	0	
DEF	APRIL	0	0	0	0	0	
DEL	APRIL	0	0	0	0	0	
ERI	APRIL	0	0	0	0	0	
FAI	APRIL	0	0	0	0	0	
FAY	APRIL	0	0	0	0	0	
FRA	APRIL	0	0	0	0	0	
FUL	APRIL	0	0	0	0	0	
GAL	APRIL	0	0	0	0	0	
GEA	APRIL	0	0	õ			
					0	0	
GRE	APRIL	0	0	0	0	0	
GUE	APRIL	0	0	0	0	0	
HAM	APRIL	0	0	0	0	0	
HAN	APRIL	58759	0	0	0	0	
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			0	0	0	0	
HIG	APRIL	0	0	0	0	0	
HOC	APRIL	0	0	0	0	0	
HOL	APRIL	0	0	0	0	0	
HUR	APRIL	0	0	0	0	0	
JAC	APRIL	0	0	0	0	0	
JEF	APRIL	0					
			0	0	0	0	
KNO	APRIL	0	0	0	0	0	
LAK	APRIL	0	0	0	0	0	
LAW	APRIL	0	0	0	0	0	
LIC	APRIL	0	0	0	0	0	
LOG	APRIL	0	0	0	0	0	
LOR	APRIL	0	0	0	0	0	
LUC	APRIL	0	0	0			
					0	0	
MAD	APRIL	0	0	0	0	0	
MAH	APR!L	0	0	0	0	0	
MAR	APRIL	0	0	0	0	0	
MED	APRIL	0	0	0	0	0	
MEG	APRIL	0	0	0	0	0	
MER	APRIL	0	0	0	0	0	
MIA	APRIL	õ	0	0			
MOE					0	0	
	APRIL	0	0	0	0	0	
MOT	APR!L	0	0	0	0	0	
MRG	APRIL	0	0	0	0	0	
MRW	APRIL	0	0	0	0	0	
MUS	APRIL	0	0	0	0	0	
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PAU	APRIL	0	0	0	0	0	
PER	APRIL	0	0	0	0	0	
PIC	APRIL	С	0	0	0	0	
PIK	APRIL	0	0	0	0	0	
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	APRIL	0	0	0	0	0	
RIC	APRIL	0	0	0	0	С	
ROS	APRIL	0	0	0	0	0	
SAN	APRIL	0	0	0	0	0	

SCI	APRIL	0	0	0	0	0
SEN	APRIL	0	0	0	0	0
SHE	APR/L	0	0	0	0	0
STA	APRIL	0	0	0	0	0
SUM	APRIL	0	0	0	0	0
TRU	APRIL	0	0	0	0	0
TUS	APR!L	0	0	0	0	0
UNI	APRIL	0	0	0	0	0
VAN	APRIL	11922	0	0	0	0
VIN	APRIL	0	0	0	0	0
WAR	APRIL	0	0	0	0	0
WAS	APRIL	0	0	0	0	0
WAY	APRIL	0	0	0	0	0
WIL	APRIL	0	0	0	0	0
woo	APRIL	0	0	0	0	0
WYA	APRIL	0	0	0	0	0
XXX	APRIL	45100	0	0	0	0
TOT	APRIL	3314798	0	0	о	0
ADA	JULY	0	0	0	0	0
ALL	JULY	3452309	0.2825	0.7762	0	0
ASD	JULY	0	0	0	0	0
ATB	JULY	0	0	0	0	0
ATH	JULY	0	0	0	0	0
AUG	JULY	464	0	0.0001	0	0
BEL	JULY	0	0	0	0	0
BRO	JULY	0	0	0	0	0
BUT	JULY	0	0	0	0	0
CAR	JULY	0	0	0	0	0
CHP	JULY	0	0	0	0	0
CLA	JULY	0	0	0	0	0
CLE	JULY	0	0	0	0	0
CLI	JULY	0	0	0	0	0
COL	JULY	0	0	0	0	0
COS	JULY	0	0	0	0	0
CRA	JULY	0	0	0	0	0
CUY	JULY	0	0	0	0	0
DAR	JULY	0	0	0	0	0
DEF	JULY	0	0	0	0	0
DEL	JULY	0	0	0	0	0
ERI	JULY	0	0	0	0	0
FAI	JULY	0	0	0	0	0
FAY	JULY	0	0	0	0	0
FRA	JULY	0	0	0	0	0
FUL	JULY	0	0	0	0	0
GAL	JULY	0	0	0	0	0
GEA	JULY	0	0	0	0	о
GRE	JULY	0	0	0	0	0
GUE	JULY	0	0	0	0	0
HAM	JULY	0	0	0	0	0
HAN	JULY	63459	0.0052	0.0156	0	0
HAR	JULY	2184	0.0001	0.0004	0	0
HAS	JULY	0	0	0	0	0
HEN	JULY	0	0	0	0	0
HIG	JULY	0	0	0	0	0
нос	JULY	0	0	0	0	0
HOL	JULY	0	0	0	0	0
HUR	JULY	0	0	0	0	0
JAC	JULY	0	0	0	0	0
JEF	JULY	0	0	0	0	0
KNO	JULY	O	0	0	0	0
LAK	JULY	0	õ	0	0	ō
LAW	JULY	0	0	0	0	0
LIC	JULY	0	0	C	0	0
LOG	JULY	0	0	0	0	ō
LOR	JULY	0	0	0	0	0
LUC	JULY	C	0	0	0	0
		ũ.				

MAD	JULY	0	0	0	0	
MAH	JULY	0	0	C	0	
MAR	JULY	0	0	0	0	
MED	JULY	0	0	0	0	
MEG	JULY	0	0	0	0	
MER	JULY	0	0	0	0	
MIA	JULY	0	0	0	0	
MOE	JULY	0	0	0	0	
MOT	JULY	0	0	0	0	
MRG	JULY	0	0	0	0	
MRW	JULY	0		0		
MUS	JULY	0				
NOB	JULY	0	0			
оп	JULY	0	0	0		
PAU	JULY	0		0		
PER	JULY	0	0	0		
PIC	JULY	0	0	0		
PIK	JULY	0	0	0		
POR	JULY	0	0	0		
PRE	JULY	0	0	0		
PUT	JULY	0	0	0		
RIC	JULY	0	0	0		
ROS	JULY	0	0	0		
		0				
SAN	JULY		0	0		
SCI	JULY	0	0	0		
SEN	JULY	0	0	0	0	
SHE	JULY	0	0	0	0	
STA	JULY	0	0	0		
SUM	JULY	0	0	0		
TRU	JULY	0	0	0	0	
TUS	JULY	0	0	0	0	
UNI	JULY	0	0	0	0	
VAN	JULY	12876	0.0013	0.0028	0	
VIN	JULY	0	0	0	0	
WAR	JULY	0	0	0	0	
WAS	JULY	0	0	0	0	
WAY	JULY	0	0	0	0	
WIL	JULY	0	0	0	0	
WOO	JULY	0	0	0	0	
WYA	JULY	0	0	0	0	
XXX	JULY	48708	0.0034	0.0097	0	
TOT	JULY	3452309	0.2825	0.7762	0	
MOVES	INTRAZON	EMISSIONS	OUTPUT			
MONTH	VMT	HC	NOX	SO2	PM2.5	
JANUARY	9390	0	0	0	0	
APRIL	9390	0	0	0	0	
JULY	10141	0.0012	0.0024	0	0	
MOVES	VEHICLE	BASED	EMISSIONS	OUTPUT		
MONTH	VEHICLES	HC	NOX	SO2	PM2.5	
JANUARY	120339	0	0	0	0	
APRIL	120339	0	0	0	0	
JULY	129966	0.8722	0.4326	0	0	

MOVES	BASED	EMISSIONS	6 REPORT				
97	ozone	runs	for	2018 update	to	2040 Irp	
Loaded	Network:	I:\ut\mpo\	,mode!\lim\;	aq\!rp40in18\LIM40J24	ASNLRP.N	IET	
Network	Emission	Factors:	::\ut\mpo\	model\lim\aq\lrp40in1	.8\2040LA	CRPC_ozone_3source_rpd.csv	
Vehicle	Emission	Factors:	l:\ut\mpo\	model\lim\aq\lrp40in1	.8\2040LA	CRPC_ozone_3source_rpv.csv	
Vehicle	Population	:	I:\ut\mpo\	model\lim\aq\lrp40in1	.8\STP204	0LACRPC.csv	
Intrazonal	Trips	:	I:\ut\mpo\	model\lim\aq\lrp40in1	.8\LIM40T	BVLRP.MAT	
Area	File	(sq	mi):	I:\ut\mpo\model\lim\	aq\lrp40i	n18\area.prn	
Volume	Field	Used:	VOL24_TO	Г			
Truck	Volume	Field	Used:	NONE			
Capacity	Field	Used:	CAPHRAM				

CMS/AQ REPORT POSTCMS1 UPDATED DEC 2009, GTG DATE:05/3: TIME:13:02:36

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PARAMETE FILE DUMP (DAILY.DAT FILE)

	IOUR		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	L
	CTADT	-			0.0	0.5	0.0		2.5	F 4	7.0	6.2	5	4.0	F	<b>F D</b>		6.7	7 0	0		<b>F</b> 0	4.4	2	
	JRB	FWY		0.9	0.6	0.5	0.6	1	2.5	5.4 4	7.3 6.3	6.2 5.7	5	4.8 5.1	5 5.8	5.2 6.2	5.5	6.2 6.8		8 8.3	8.2 8.2		4.1 4.5	3.4 3.6	
	JRB	ART		0.6	0.4	0.3	0.4	0.7	2						5.8	6.2 5.9	6.2				0.2 7			3.5	
	UR	FWY		1.2	1	0.9	1	1.4	2.6	4.4	5.4	5.1	5.2	5.5			6.2	6.7 6.4		7.4 8.1			4.3		
	UR	ART		0.8	0.6	0.5	0.7	1.2	2.7	5.2	6.4	5.6	5.2	5.2	5.5	5.7	5.9	6.4	7.5	8.1	7.9	5.6	4.1	3.3	,
	CTADT	T		10		1.0	1.0	2.2	2.4	4.2	4.0	ГС	6.2	65	6.6	65	65	<i>с</i> 4	c	F 2	4.6	4.7	26	л ·	<b>,</b>
	JRB	FWY		1.8	1.6	1.6	1.8	2.2	3.1	4.2	4.9	5.6	6.2	6.5	6.6	6.5	6.5	6.4		5.3 5.8	4.6		3.6	3.2	
	JRB	ART		0.9	0.8	0.9	1.1	1.6	2.6	4.6	6.3	7.1	7.3	7.3	7.3 6	7.3	7.3	7.3 6		5.8 5.5	4.7	3.4	2.7	2.2	
	RUR	FWY		2.1	1.9	1.8	2	2.4	3.2	4.1	4.5	4.9	5.5	5.8		6.1	6.1			5.5 5.5	5.1 4.6	4.6	4.2	3.7	
	UR CTDIR	ART		1.5	1.4	1.4	1.7	2.3	3.1	4.6	5.4	6.2	6.6	6.8	6.9	6.8	6.8	6.6	0.2	5.5	4.0	3.7	3.1	2.6	,
	JRB	FWY		38	40	40	46	56	64	70	70	68	62	58	52	52	52	50	46	38	38	46	52	46	5
	JRB	ART		38 44	40 46	40	40	54	62	66	68	64	56	54	52	50	50	50		40	38		52	48	
	UR	FWY		44	40	48	48 54	60	68	68	64	58	54	52	50	50	50	52		42	40		48	48	
	UR	ART		40	42	44	48	58	66	72	68	60	56	54	50	50	50	50		40	38		50	46	
n				40	72		40	50	00	12	00	00	50	54	50	50	50	50		10	50		50	-10	
D	os	Е	vc		0	0.625	1.25	1.875	2.5	3.125	3.75	4.375	5	5.625	6.25	6.875	7.5	8.125	8.75	9.375	10	10.625	11.25	11.875	;
	PEEDVC																								
	urve1		75	75	75	75	75	75	74.9	74.8	74.6	74.2	73.5	72.3	70.5	67.8	64.2	59.5	54	47.7	41.2	34.9	28.9	23.7	1
с	urve2		70	70	70	70	70	70	70	69.9	69.8	69.6	69.2	68.4	67.1	65.1	62.2	58.2	53	47	40.5	33.9	27.7	22.2	2
с	urve3		65	65	65	65	65	65	65	65	65	64.9	64.8	64.4	63.8	62.6	60.5	57	52	45.4	37.8	29.9	22.7	16.7	/
с	urve4		60	60	60	60	60	60	60	60	60	59.9	59.8	59.6	59.1	58.2	56.7	54.3	50.8	46.1	40.3	33.8	27.3	21.3	3
С	urve5		55	55	55	55	55	55	55	55	55	55	55	54.9	54.7	54.3	53.6	52.3	50	46.5	41.5	35.3	28.5	21.9	£
	urve6		60	60	60	60	60	60	60	60	59.9	59.8	59.7	59.4	59.1	58.5	57.7	56.5	55	53.1	50.7	47.9	44.7	41.1	L
с	urve7		55	55	55	55	55	55	55	55	54.9	54.9	54.7	54.5	54.2	53.8	53.1	52.2	50.9	49.3	47.3	44.9	42.1	39	)
С	urve8		50	50	50	50	50	50	50	50	49.9	49.9	49.8	49.6	49.4	49	48.5	47.7	46.7	45.4	43.8	41.8	39.5	36.8	3
с	urve9		45	45	45	45	45	45	45	45	45	44.9	44.8	44.7	44.4	44.1	43.6	43	42.1	40.9	39.4	37.6	35.5	33.1	L
С	urve10		50	50	50	50	49.9	49.8	49.7	49.4	49	48.4	47.5	46.5	45.1	43.5	41.7	39.6	37.3	34.9	32.4	29.8	27.3	24.9	)
с	urve11		50	50	50	50	50	49.9	49.7	49.4	48.9	48	46.7	44.9	42.5	39.6	36.2	32.6	28.7	25	21.4	18.2	15.3	12.9	)
с	urve12		50	50	50	50	50	49.9	49.8	49.6	49.1	48.2	46.8	44.5	41.4	37.5	32.9	28	23.1	18.7	14.9	11.8	9.2	7.2	2
с	urve13		40	40	40	40	40	40	39.9	39.8	39.5	39.2	38.6	37.8	36.7	35.3	33.5	31.4	29	26.4	23.7	21.1	18.5	16.1	L
с	urve14		4Ó	40	40	40	40	39.9	39.8	39.6	39.1	38.5	37.5	36.1	34.3	32.1	29.4	26.5	23.5	20.5	17.7	15.1	12.8	10.7	!
С	urve15		40	40	40	40	40	39.9	<sup>-</sup> 39.7	39.4	38.8	37.9	36.5	34.7	32.3	29.5	26.4	23.2	20	17	14.3	11.9	9.9	8.2	1
С	urve16		35	35	35	35	35	34.9	34.8	34.5	34	33.2	32.1	30.5	28.5	26.1	23.5	20.6	17.9	15.2	12.8	10.7	8.9	7.4	ŧ
с	urve17		35	35	35	35	35	34.9	34.7	34.4	33.9	33.1	32	30.3	28.3	25.8	23.1	20.3	17.5	14.9	12.5	10.4	8.6	7.2	1
с	urve18		35	35	35	35	35	34.9	34.6	34.2	33.5	32.4	30.9	28.8	26.3	23.4	20.4	17.4	14.6	12.1	9.9	8.1	6.6	5.4	4
С	urve19		30	30	30	30	30	29.9	29.8	29.5	29	28.2	27.1	25.6	23.7	21.5	19.1	16.6	14.2	12	10	8.3	6.8	5.6	ذ
с	urve20		30	30	30	30	30	29.9	29.7	29.4	28.9	28.1	26.9	25.3	23.4	21.1	18.6	16.1	13.6	11.4	9.5	7.8	6.4	5.3	\$
С	urve21		30	30	30	30	30	29.9	29.7	29.3	28.7	27.7	26.2	24.4	22.1	19.6	17	14.4	ິ 12	9.9	8.1	6.6	5.4	4.4	ŧ
С	urve22		55	54.9	54.4	53.2	51.1	47.9	44	39.5	34.9	30.4	26.2	22.4	19.2	16.4	14	12	10.4	9	7.8	6.8	6	5.3	ال
v	/C	RATIO	то	LO	NC	CONVERSIC (\		SHOWN IS		LOWER L	IMIT F	FOR	THAT (	LOS)(URBA R	OADS US		PEED	BREAKS	BELOW F	OR L	OS	DETERMIN, (AL	1 1	JSE	THE
v	-	BASE	RUR			contensit ()						2							//						
A	4		0	0	0																				
В			0.3	0	0.25																				
С	2		0.5	0.1	0.4																				
-				• •	0.0																				

0.5 0.1 0.4 0.7 0.3 0.6 D

	22	23					
	2.9	2.2		1.6			
	2.8			1.0			
	2.9			1.7			
	2.7	1.9		1.3			
	2.,	1.5		1.0			
	2.9	2.5		2.2			
	1.8	1.5		1.2			
	3.3	3		2.5			
	2.4	2.1		1.8			
	42	42		40			
	46			46			
	44	46		44			
	44	44		44			
	12.5	13.125	:	13.75		14.375	
	19.2	15.5					
	17.6	13.8					
	12.1	8.6					
	16.2	12.2					
	16.1	11.5					
	37.3	33.4					
	35.7	32.2					
	33. <del>9</del>	30.9					
	30.5	27.8					
	22.6	20.4					
	10.8	<sup>*</sup> 9					
	5.7	4.5					
	13.9	12					
	9	7.6					
	6.8	5.6					
	6.1	5.1					
	5.9	4.9					
	4.4	3.6					
	4.6	3.8					
	4.3	3.6					
	3.6						
	4.7	4.1					
THE		BASE	VC'S		то		DETERMINI EXCEEDANCE)

E	0.	.9 0	.5 0.3	3																
F			1 :																	
F+	1.	.1 1	.1 1.:	1																
F++	1.	.3 1	.3 1.3	3																
SPEED	VC	RATIO	BREAKS		URBAN	STREETS	(HIGHEST	SPEED	FOR	GIVEN	LOS	&	FF	SPEED)						
FFS >47	В 4	C A	D	E	F	i c														
>37	4		24 21 28 21			L6 L3														
>32	3		24 18			10														
<33	2		.9 13			7														
LEVEL	OF		THRESHO	LI BY	AREA															
NUM	LOS	DEFINITIO																		
	1 F		AT CENTRAL			S (CUY,FRA,														
	2 E	OTHER	TMA	MPOS	(AKRON,			t counti	IES FROM	1)										
	3 E 4 E	OTHER RURAL	MPOS NON	& MPO	PARTS COUNTIE		AREAS		1 &		2 OUTSID	E URBANI	IZEL AREA							
	46	NUNAL	NON	MPO	COONTE	2														
PEAK	SPREADIN	6 MODEL	INFO	(SET	MAX	ITERATION	N: TO		0 TO	DISABLE	PEAK	SPREAD	NG)							
MAX	VC	RATIO	FWY:	1.3	3															
MAX	VC	RAT!O	ART:	1.3	3															
MAX	ITERATION	N: #	1000	)																
TRUCK	PCE:		2																	
			-																	
AQ	SEASON	FACTOR:	1.08	3																
MODEL	CLASS	PARAME	ΓΕ (ΜΑΧ	,	CLASSES,	HOURS	0-23	w/	NO	OVERLA		CLASS,	ALLOC	ATE ENTIRE	CLASS	AS	TRUCK(1		NOT(0))	
CLS	TRK		0 1			0 (		0	0		0	0	0	0	0	0	0	0	NOT(0))	
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CLS	NUM		1 3		)	0 0	) (	0	0	0	0	0	0	0	0	0	0	0		
-																				
	MOVES			EMISSION		507														
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	COUNTY ADA	MONTH JANUARY	VMT C	HC (	NOX )	0 0	) (	0												
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	COUNTY ADA ALL ASD ATB ATH AUG	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 3341977 0 0 0 431		NOX ) ) ) )	0 (0 0 (0 0 (0 0 (0		0 0 0												
	COUNTY ADA ALL ASD ATB ATH AUG BEL	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 3341977 C C C 431		NOX ) ) ) ) ) )			0 0 0 0 0 0												
	COUNTY ADA ALL ASD ATB ATH AUG BEL BRO	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT C 3341977 C C C C 431 C C C C C C C C C C C C C C C C C C C		NOX ) ) ) ) ) ) )			0 0 0 0 0 0 0 0												
	COUNTY ADA ALL ASD ATB ATH AUG BEL BRO BUT	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 3341977 0 0 0 0 431 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )			0 0 0 0 0 0 0 0 0												
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )			0 0 0 0 0 0 0 0 0 0 0 0												
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS CRA	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COS CRA CUY	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS CRA CUY DAR	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COS CRA CUY DAR DEF	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COS CRA CUY DAR DEF DEL	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COS CRA CUY DAR DEF DEL ERI	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 000000000000000000000000000000000000		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COS CRA CUY DAR DEF DEL ERI FAI	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COS CRA CUY DAR DEF DEL ERI	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COS CRA CUY DAR DEF DEL ERI FAI FAY	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COL COL COL COL COL COL COL COL	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 000000000000000000000000000000000000		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COS CRA CLY DAR DEF DEL ERI FAI FAY FRA FUL GAL GEA	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 000000000000000000000000000000000000		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															
	COUNTY ADA ALL ASD ATB AUG BEL BRO BUT CAR CHP CLA CLE CLI COL COL COL COL COL COL COL COL COL COL	MONTH JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY JANUARY	VMT 00 3341977 00 431 00 00 00 00 00 00 00 00 00 00 00 00 00		NOX ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )															

HAM	JANUARY	0	0	0	0	0
HAN	JANUARY	65165	0	0	0	0
HAR	JANUARY	2023	0	0	0	0
HAS	JANUARY	0	0	0	0	0
		0	0	õ	0	Ő
HEN	JANUARY					
HIG	JANUARY	0	0	0	0	0
HOC	JANUARY	0	0	0	0	0
HOL	JANUARY	0	0	0	0	0
HUR	JANUARY	0	0	0	0	0
JAC	JANUARY	0	0	0	0	0
JEF	JANUARY	0	0	0	0	ο
	JANUARY			õ	õ	Ō
KNO		0	0			
LAK	JANUARY	0	0	0	0	0
LAW	JANUARY	0	0	0	0	0
LIC	JANUARY	0	0	0	0	0
LOG	JANUARY	0	0	0	0	0
LOR	JANUARY	0	0	0	0	0
LUC	JANUARY	0	0	0	0	0
MAD	JANUARY	0	0	0	0	0
MAH	JANUARY	0	0	0	0	0
MAR	JANUARY	0	0	0	0	0
MED	JANUARY	0	0	0	0	0
MEG	JANUARY	0	0	0	0	0
MER	JANUARY	0	0	0	0	0
				0	õ	0
MIA	JANUARY	0	0			
MOE	JANUARY	0	0	0	0	0
MOT	JANUARY	0	0	0	0	0
MRG	JANUARY	0	0	0	0	0
MRW	JANUARY	0	0	0	0	0
MUS	JANUARY	0	0	0	0	0
NOB	JANUARY	0	0	ō	0	0
						0
оп	JANUARY	0	0	0	0	
PAU	JANUARY	0	0	0	0	0
PER	JANUARY	0	0	0	0	0
PIC	JANUARY	0	0	٥	0	0
PIK	JANUARY	0	0	0	0	0
POR	JANUARY	0	0	0	0.	0
PRE	JANUARY	0	0	0	0	0
					0	0
PUT	JANUARY	0	0	0		
RIC	JANUARY	0	0	0	0	0
ROS	JANUARY	0	0	0	0	0
SAN	JANUARY	0	0	0	0	0
SCI	JANUARY	0	0	0	0	0
SEN	JANUARY	0	0	0	0	0
SHE	JANUARY	0	0	0	0	0
STA	JANUARY	0	0	0	0	0
SUM	JANUARY	0	0	0	0	0
TRU	JANUARY	0	0	0	0	0
TUS	JANUARY	0	0	0	0	0
UNI	JANUARY	0	0	0	0	0
VAN	JANUARY	12105	0	0	0	0
VIN	JANUARY	0	0	0	0	0
WAR	JANUARY	0	ō	0	0	0
WAS	JANUARY	0	0	0	0	0
WAY	JANUARY	0	0	0	0	0
WIL	JANUARY	0	0	0	0	0
woo	JANUARY	0	0	0	0	0
WYA	JANUARY	0	0	0	0	0
XXX	JANUARY	48019	0	0	0	0
			0	0	C	0
тот	JANUARY	3469706				
ADA	APRIL	0	0	0	0	0
ALL	APRIL	3341977	0	0	0	0
ASD	APRIL	0	0	0	0	0
ATB	APRIL	0	0	0	0	0
ATH	APRIL	0	0	0	0	0
AUG	APRIL	431	0	0	0	0
	7 11 TALE	-27		v	~	v

BEL	APRIL	0	0	0	0	0
BRO	APRIL	0	0	0	0	0
BUT	APRIL	0	0	0	0	0
CAR	APRIL	0	0	0	0	0
CHP	APRIL	0	0	0	0	0
CLA	APRIL	0	0	0	0	0
CLE	APRIL	0	0	0	0	0
CLI	APR!L	0	0	0	0	0
COL	APRIL	0	0	0	0	0
COS	APRIL	0	0	0	0	0
CRA	APRIL	0	0	0	0	0
CUY	APRIL	0	0	0	0	0
DAR	APRIL	0	0	0	0	0
DEF	APRIL	0	0	0	0	0
			0	0	0	0
DEL	APRIL	0				
ERI	APRIL	0	0	0	0	0
FAI	APRIL	0	0	0	0	0
FAY	APRIL	0	0	0	0	0
FRA	APRIL	0	0	0	0	0
FUL	APRIL	0	0	0	0	0
GAL	APRIL	0	0	0	0	0
GEA	APRIL	0	0	0	0	0
GRE	APRIL	0	0	0	0	0
GUE	APRIL	0	0	0	0	0
HAM	APRIL	0	0	0	0	0
HAN	APRIL	65165	0	0	0	0
HAR	APR!L	2023	0	0	0	0
HAS	APRIL	0	0	0	0	0
HEN	APRIL	0	0	0	0	0
HIG	APRIL	0	0	0	0	0
HOC	APRIL	0	0	0	0	0
HOL	APRIL	0	0	0	0	0
HUR	APRIL	0	0	0	0	0
JAC	APRIL	0	0	0	0	0
JEF	APRIL	0	0	0	0	0
KNO	APRIL	0	0	0	0	0
LAK	APRIL	0	0	0	0	0
LAW	APRIL	0	0	0	0	0
LIC	APRIL	0	0	0	0	0
LOG			0	0	0	0
	APRIL	0				
LOR	APRIL	0	0	0	0	0
LUC	APRIL	0	0	0	0	0
MAD	APRIL	0	0	0	0	0
MAH	APRIL	0	0	0	0	0
MAR	APRIL	0	0	0	0	0
MED	APRIL	0	0	0	0	0
MEG	APRIL	0	0	0	0	0
MER	APRIL	0	0	0	0	0
MIA	APRIL	0	0	0	0	0
MOE	APRIL	0	0	0	0	0
MOT	APRIL	0	0	0	0	0
MRG	APRIL	0	0	0	0	0
MRW	APRIL	0	0	0	0	0
MUS	APRIL	0	0	0	0	0
NOB	APRIL	0	0	0	0	0
оп	APRIL	0	0	0	0	0
PAU	APRIL	0	0	0	0	0
PER	APRIL	0	0	0	0	0
PIC	APRIL	ο	0	0	0	0
PIK	APRIL	0	0	0	0	0
POR	APRIL	0	0	0	0	0
PRE	APRIL	0	0	0	0	0
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PUT	APRIL	0			0	0
RIC	APRIL	0	0	0	0	0
ROS	APRIL	0	0	0	0	0
SAN	APRIL	0	0	0	0	0
JAN	AFRIL	U	U	U	0	U

SCI	APRIL	0	0	0	0	0
SEN	APRIL	0	0	0	0	0
SHE	APRIL	0	0	0	0	0
STA	APRIL	0	0	0	0	0
SUM	APRIL	0	0	0	0	0
TRU	APRIL	0	0	0	0	0
TUS	APRIL	0	0	0	0	0
UNI	APR!L	0	0	0	0	0
VAN	APRIL	12105	0	0	0	õ
VIN	APRIL	0	0	0	0	0
WAR	APRIL	0	0	0	0	0
WAS	APRIL	0	0	0	0	0
WAY	APRIL	0	0	0	0	0
WIL	APRIL	0	0	0	0	0
WOO		õ				
	APRIL		0	0	0	0
WYA	APRIL	0	0	0	0	0
XXX	APRIL	48019	0	0	0	0
TOT	APRIL	3469706	0	0	0	0
ADA	JULY	0	0	0	0	0
ALL	JULY	3609335	0.2027	0.4579	0	0
ASD	JULY	0	0	0	0	0
ATB	JULY	0	0	0	0	0
ATH	JULY	0	0	0	0	0
AUG	JULY	465	0	0.0001	0	0
BEL	JULY	0	0	0	0	õ
BRO	JULY	0	0	0	0	0
BUT	JULY	0	0	0	0	0
CAR	JULY	0	0	0	0	0
CHP	JULY	0	0	0	0	0
CLA	JULY	0	0	0	0	0
CLE	JULY	0	0	0	0	0
CLI	JULY	0	0	0	0	0
COL	JULY	0	0	0	0	0
COS	JULY	0	0	0	0	0
CRA	JULY	0	0	0	0	0
CUY	JULY	0	0	0	0	0
DAR		0				
	JULY		0	0	0	0
DEF	JULY	0	0	0	0	0
DEL	JULY	0	0	0	0	0
ERI	JULY	0	0	0	0	0
FAI	JULY	0	0	0	0	0
FAY	JULY	0	0	0	0	0
	JULY					
FRA		0	0	0	0	0
FUL	JULY	0	0	0	0	0
GAL	JULY	0	0	0	0	0
GEA	JULY	0	0	0	0	0
GRE	JULY	0	0	0	0	0
GUE	JULY	0	0	0	0	0
HAM	JULY	0 0	õ	0	õ	
						0
HAN	JULY	70378	0.0038	0.0098	0	0
HAR	JULY	2185	0.0001	0.0002	0	0
HAS	JULY	0	0	0	0	0
HEN	JULY	0	C	0	0	0
HIG	JULY	0	0	0	0	Ő
HOC	JULY	0	0	0	0	0
HOL	JULY	0	0	0	0	0
HUR	JULY	0	0	0	0	0
JAC	JULY	0	0	0	0	0
JEF	JULY	0	0	0	0	0
KNO		0	0			
	JULY			0	0	0
LAK	JULY	0	0	0	0	0
LAW	JULY	0	0	0	0	0
LIC	JULY	0	0	0	0	0
LOG	JULY	0	0	0	0	0
LOR	JULY	0	0	0 0	0	0
LUC		0			0	
LUC	JULY	U	0	0	U	0

MAD	JULY	C	) 0	0	0	
MAH	JULY	C	0	0	0	
MAR	JULY	C	0	C	0	
MED	JULY	С	0	C	0	
MEG	JULY	C	0	0	0	
MER	JULY	C	0	C	0	
MIA	JULY	C	0	C	0	
MOE	JULY	C				
MOT	JULY	C				
MRG	JULY	0				
MRW	JULY	0				
MUS	JULY	0				
NOB	JULY	0				
OTT	JULY	0				
PAU	JULY	0				
PER	JULY	0				
PIC	JULY	0				
PIK	JULY	0				
POR	JULY	0				
PRE	JULY	0				
PUT	JULY	0		0		
RIC	JULY	0		0		
ROS	JULY	0		0	0	
SAN	JULY	0	0	0	0	
SCI	JULY	0	0	0	0	
SEN	JULY	0	0	0	0	
SHE	JULY	0	0	0	0	
STA	JULY	0	0	0	0	
SUM	JULY	0	0	0	0	
TRU	JULY	0	0	0	0	
TUS	JULY	0	0	0	0	
UNI	JULY	0	0	0	0	
VAN	JULY	13074	0.0009	0.0016	0	
VIN	JULY	0	0	0	0	
WAR	JULY	0	0	0	0	
WAS	JULY	0	0	0	0	
WAY	JULY	0	0	0	0	
WIL	JULY	0	0	0	0	
WOO	JULY	0	0	0	0	
WYA	JULY	0	0	0	0	
XXX	JULY	51861	0.0024	0.0058	0	
TOT	JULY	3609335	0.2027	0.4579	0	
MOVES		EMISSIONS		0.4515	0	
MONTH	VMT	HC	NOX	SO2	PM2.5	
JANUARY	9990	0	0	0	0	
APRIL	9990	0				
JULY		0.0009	0	0	0	
	10789		0.0014		0	
MOVES	VEHICLE	BASED	EMISSIONS		DMD F	
MONTH	VEHICLES	НС	NOX	SO2	PM2.5	
JANUARY	129958	0	0	0	0	
APRIL	129958	0	0	0	0	
JULY	140355	0.6329	0.3006	0	0	

Month TYPE	JULY YEAR	VMT/VEH		NOX S	SO2	PM2.5		Instructions Open RPT file as space delimited
LINK	2002			12.029	0.000		1	Select all columns, copy, paste to one
	2002	· · · · ·	3.451 3.604	12.029	0.000			Rename tab to make sense for you
VEH								Clear data from any unused tabs
INTRA TOTAL	2002	11333 3481204	0.019	0.048	0.000		•	Set Month in B1 to desired value
	2004							
LINK	2004		2.815	10.347	0.000 0.000			Change Notes
VEH	2004		3.521	1.836 0.044	0.000			If you need to exclude counties you n
INTRA	2004	11659 3366106	0.017	12.227	0.000		4	See Yellow Highlight Formulas on Indi
TOTAL	2000		· · · · · ·					See reliow Highlight Fornitias on indi
LINK	2009		1.687	7.449	0.000			
VEH	2009		2.987	1.781 0.034	0.000 0.000			
INTRA	2009	12475 3420167	0.011 4.684	9.264	0.000			
TOTAL	2010							
LINŘ	2018		0.638	4.343	0.000		2018 and earlier are old MOVES10 runs from the 2012 SIP work used to establish budgets	
VEH	2018		1.431	1.022	0.000			
INTRA	2018		0.003	0.012	0.000		4	
TOTAL		3533606	2.073	5.376	0.000			
LINK	2020	3291325	0.562	1.905	0.000			
VEH	2020		1.377	0.716	0.000		2020 down are MOVES14 runs for the 2018 update to the 2040 LRP	
INTRA	2020		0.002	0.006	0.000			
TOTAL		3300955	1.942	2.627	0.000			
LINK	2030		0.283	0.776	0.000			
VEH	2030		0.872	0.433	0.000			
INTRA	2030		0.001	0.002	0.000			
TOTAL		3462450	1.156	1.211	0.000			
LINK	2040		0.203	0.458	0.000			
VEH	2040		0.633	0.301	0.000			
INTRA	2040		0.001	0.001	0.000			
TOTAL		3620124	0.837	0.760	0.000	0.000		

one of the tabs in this xls

JANUARY APRIL JULY

you need to do that manually on the individual rpt tabs

n Individual Tabs for Excluding Other Counties!!!!