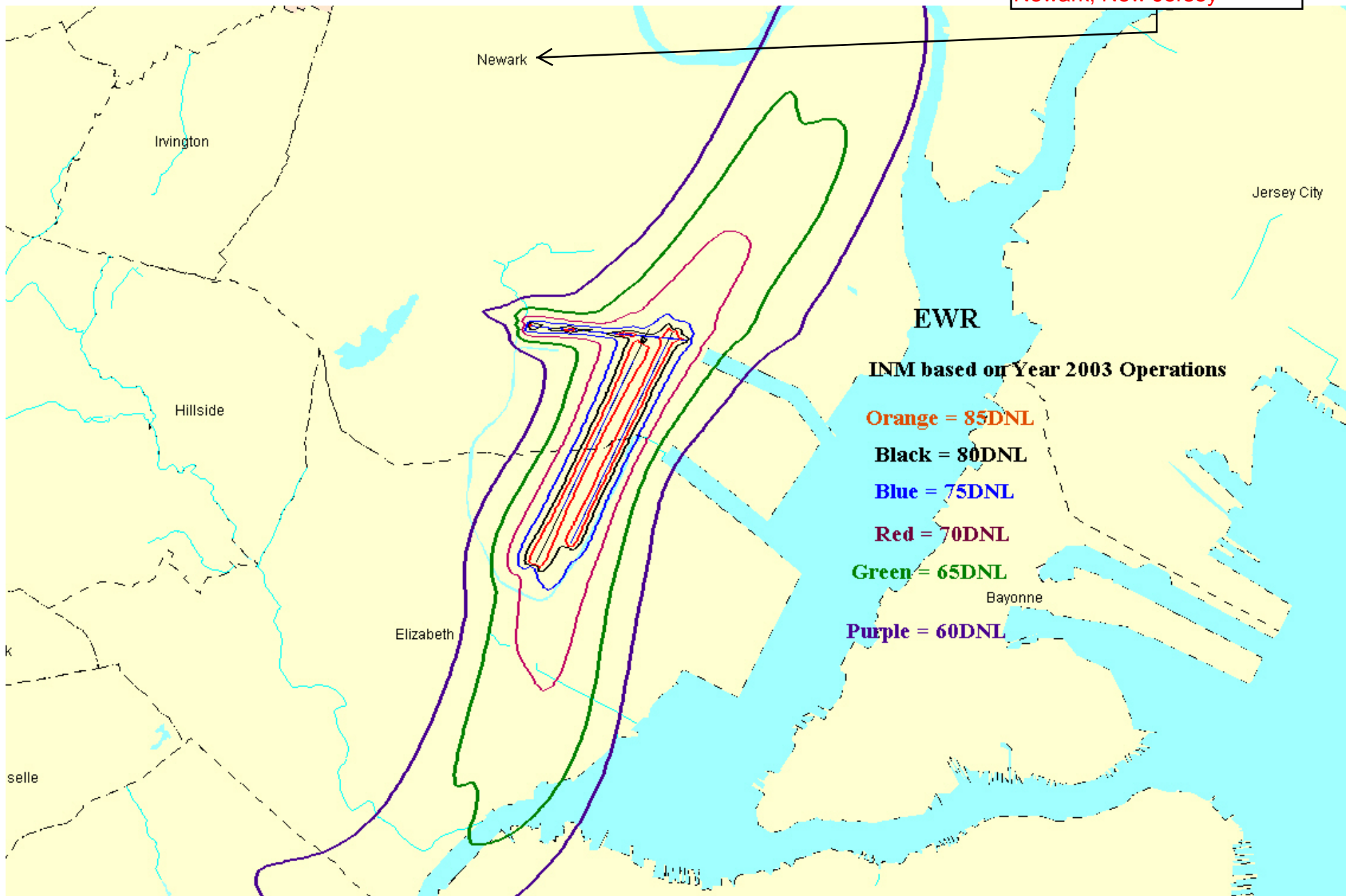


APPENDIX J

Noise Abatement and Control

NEP0011 Noise Abatement and Control

525-529 South 17th Street,
Newark, New Jersey



Williams, Beth

From: Antoun Abraham <Antoun.Abraham@dot.state.nj.us>
Sent: Friday, January 31, 2014 2:08 PM
To: TCS, tcs.info@dot.state.nj.us; Williams, Beth
Cc: Khandakar, Mahmood
Subject: Re: Traffic Count Request - City of Newark, NJ
Attachments: 3-4-638 on 02-28-2011_07_05_2011.PDF

Hello Beth,

I tried few times to call you, unfortunately, no one was available to answer your phone. However, I checked our database to see if there is any available traffic data in the general area that you are looking for, there is only one traffic data on 14th Avenue between 16th and 15th Streets (please see the attached PDF file). Since these routes are local routes, you may contact Essex County Engineering office to check if they may have any traffic data in their county at the close proximity of your project location.

If you need any additional information, please contact me at (609) 530-3506.

Thank you,

Antoun Abraham
Principal Engineer, Planning
Bureau of Transportation Data & Safety
antoun.abraham@dot.state.nj.us

>>> "Williams, Beth" <Beth.Williams@tetrattech.com> 1/30/2014 2:28 PM >>>
Hello,

As we discussed on the telephone a few minutes ago, I am looking for some information that would assist me in calculating Day/Night Noise Levels for an area in Newark, NJ. I am looking for the following information for 15th Avenue and 16th Avenue in Newark, NJ. The cross street for both 15th and 16th Avenues is South 17th Street.

The information needed includes:

1. Average speed of the roadways
2. Average Daily Trips (ADT) for cars, medium trucks and heavy trucks
3. Night Fraction of ADT for cars, medium trucks and heavy trucks
4. Road gradient (%)

Any information would be greatly appreciated. Please feel free to contact me if additional details are needed from me.

Thank you,
Beth

Beth A Williams

Direct +1 (302) 283-2257 | Business +1 (302) 738-7551 | Fax +1 (302) 454-5988 | Beth.Williams@tetrattech.com

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New Jersey Department of Transportation

Daily Volume from 02/28/2011 through 03/03/2011

Site Names: 3-4-638, , 14TH AVE-0, 07141235__, Newark City
 County: ESSEX
 Funct. Urban Local System
 Location: Bet 16th and 15th Sts

Seasonal Factor Type: 2 Urban Other Roadways
 Daily Factor Type: 2 Urban Other Roadways
 Axle Factor Type: 19
 Growth Factor Type:

	Sun 02/27/2011			Mon 02/28/2011			Tue 03/01/2011			Wed 03/02/2011			Thu 03/03/2011			Fri 03/04/2011			Sat 03/05/2011		
	ROAD	W	E	ROAD	W	E	ROAD	W	E	ROAD	W	E	ROAD	W	E	ROAD	W	E	ROAD	W	E
00:00							76	37	39	71	40	31	75	34	41						
01:00							38	18	20	35	16	19	45	24	21						
02:00							12	4	8	18	5	13	25	14	11						
03:00							9	3	6	14	9	5	19	12	7						
04:00							19	7	12	16	7	9	17	6	11						
05:00							44	21	23	36	20	16	49	29	20						
06:00							158	48	110	159	47	112	161	51	110						
07:00							546	162	384	541	163	378	517	145	372						
08:00							589	199	390	605	205	400	583	190	393						
09:00							321	123	198	329	125	204	310	118	192						
10:00							262	120	142	294	122	172	281	126	155						
11:00							315	150	165	334	161	173	258	115	143						
12:00							330	145	185	344	159	185									
13:00							349	177	172	327	160	167									
14:00							445	211	234	443	203	240									
15:00				564	308	256	591	321	270	592	315	277									
16:00				565	321	244	601	368	233	570	321	249									
17:00				477	266	211	497	241	256	592	334	258									
18:00				383	187	196	432	222	210	437	206	231									
19:00				301	149	152	328	150	178	340	171	169									
20:00				197	101	96	253	130	123	275	141	134									
21:00				207	99	108	223	100	123	228	128	100									
22:00				150	87	63	192	97	95	165	87	78									
23:00				76	37	39	106	51	55	106	43	63									
Volume				2,920	1,555	1,365	6,736	3,105	3,631	6,871	3,188	3,683	2,340	864	1,476						
AM Peak Vol							677	207	476	676	205	475	628	196	450						
AM Peak Fct							0.91	0.82	0.88	0.98	0.84	0.94	0.92	0.80	0.92						
AM Peak Hr							7:30	7:45	7:30	7:30	8:00	7:30	7:45	7:45	7:30						
PM Peak Vol							615	369	270	620	353	289									
PM Peak Fct							0.93	0.89	0.90	0.96	0.86	0.86									
PM Peak Hr							16:15	15:45	15:00	16:45	16:30	15:30									
Seasonal Fct				1.120	1.120	1.120	1.027	1.027	1.027	1.027	1.027	1.027	1.027	1.027	1.027						
Daily Fct				0.982	0.982	0.982	0.951	0.951	0.951	0.939	0.939	0.939	0.935	0.935	0.935						
Axle Fct				0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486						
Pulse Fct				2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000						



RECORD OF COMMUNICATIONS

Date: January 31, 2013	Project Name: NEP0011 – Newark, NJ EA Project Number:
Name: Beth Williams, Tetra Tech Initiated Call <input checked="" type="checkbox"/> Returned Call <input type="checkbox"/> Received Call <input type="checkbox"/> Time:	Contact: Robert Diogo Firm/Agency: North Jersey Transportation Planning Authority (NJTPA), Modeling and Forecasting Department Phone: 973-639-8409
SUBJECT: Inquiry regarding traffic count data for 15 th and 16 th Avenues in Newark, New Jersey	

SUMMARY

Tetra Tech contacted Mr. Diogo with NJTPA in an effort to locate available traffic count data for 15th and 16th Avenues in Newark, New Jersey. According to Mr. Diogo, the NJTPA does not have traffic count data for 15th or 16th Avenues. Mr. Diogo stated that typically, only large, major thoroughfares are involved in traffic count studies but suggested contacting the City of Newark's Engineering Department to verify that such data does not exist.



RECORD OF COMMUNICATIONS

Date: January 31, 2013

Project Name: NEP0011 – Newark, NJ EA
Project Number:

Name: Beth Williams, Tetra Tech

Initiated Call

Returned Call

Received Call

Contact: Engineering Department

Firm/Agency: City of Newark

Phone: 973-733-6452

Time:

SUBJECT: Inquiry regarding traffic count data for 15th and 16th Avenues in Newark, New Jersey

SUMMARY

Tetra Tech contacted the City of Newark's Engineering Department in an effort to locate available traffic count data for 15th and 16th Avenues in Newark, New Jersey. According to the Engineering Department, traffic count data does not exist for 15th or 16th Avenues as only large, major thoroughfares are typically included in traffic count studies.