

APPENDIX D: Traffic Noise Modelling Data

Table D-1. Existing Hourly Traffic Volumes Used in TNM Calibration

	Segment	Direction	Number of Lanes	Total Hourly Traffic	Auto #	MT #	HT #	Bus #	Moto #	Speed (A/MT/HT/B/M)
SR-160	North of Leisure Lane	WB	2	688	640	32	8	4	4	65/65/65/65/65
	North of Leisure Lane	EB	2	1528	1488	28	8	0	4	65/65/65/0/65
	Eastbound Offramp	EB	1	120	108	8	0	0	4	30/30/0/0/30
	Eastbound Onramp	EB	1	136	136	0	0	0	0	65/0/0/0/0
Leisure Lane	Exposition Blvd to Expo Pkwy	WB	1	180	168	12	0	0	0	30/30/0/0/0
	Expo Pkwy to Exposition Blvd	EB	1	168	168	0	0	0	0	30/0/0/0/0

Table D-2. Existing Average Daily Traffic Volumes Used in TNM

	Segment	Direction	Number of Lanes	Total Average Daily Traffic	Auto %	MT %	HT %	Speed (A/MT/HT)
SR-160	North of Leisure Lane	WB	2	19,476	97	1	2	65/65/65
	North of Leisure Lane	EB	2	19,476	97	1	2	65/65/65
	Eastbound Offramp	EB	1	890	97	1	2	65/65/65
	Eastbound Onramp	EB	1	1220	97	1	2	65/65/65
Leisure Lane	Exposition Blvd to EB Onramp	WB	1	2330	97	1	2	30/30/30
	EB OffRamp to Expo Pkwy	WB	1	2340	97	1	2	30/30/30
	Expo Pkwy to EB Offramp	EB	1	3060	97	1	2	30/30/30
	EB Onramp to Exposition Blvd	EB	1	3060	97	1	2	30/30/30
Expo Pkwy	Leisure Lane to Canterbury Rd	NB	1	2740	97	1	2	25/25/25
	Canterbury Rd to Leisure Lane	SB	1	2060	97	1	2	25/25/25
	Costco to Leisure Lane	WB	1	1990	97	1	2	25/25/25
	Leisure Lane to Costco	EB	1	1490	97	1	2	25/25/25

Table D-3. Baseline No-Project Average Daily Traffic Volumes Used in TNM

	Segment	Direction	Number of Lanes	Total Average Daily Traffic	Auto %	MT %	HT %	Speed (A/MT/HT)
SR-160	North of Leisure Lane	WB	2	19,476	97	1	2	65/65/65
	North of Leisure Lane	EB	2	19,476	97	1	2	65/65/65
	Eastbound Offramp	EB	1	1360	97	1	2	65/65/65
	Eastbound Onramp	EB	1	1390	97	1	2	65/65/65
Leisure Lane	Exposition Blvd to EB Onramp	WB	1	2960	97	1	2	30/30/30
	EB OffRamp to Expo Pkway	WB	1	2960	97	1	2	30/30/30
	Expo Pkway to EB Offramp	EB	1	3280	97	1	2	30/30/30
	EB Onramp to Exposition Blvd	EB	1	2350	97	1	2	30/30/30
Expo Pkwy	Leisure Lane to Canterbury Rd	NB	1	4070	97	1	2	25/25/25
	Canterbury Rd to Leisure Lane	SB	1	2290	97	1	2	25/25/25
	Costco to Leisure Lane	WB	1	2080	97	1	2	25/25/25
	Leisure Lane to Costco	EB	1	1610	97	1	2	25/25/25

Table D-4. Baseline With Project Average Daily Traffic Volumes Used in TNM

	Segment	Direction	Number of Lanes	Total Average Daily Traffic	Auto %	MT %	HT %	Speed (A/MT/HT)
SR-160	North of Leisure Lane	WB	2	19,476	97	1	2	65/65/65
	North of Leisure Lane	EB	2	19,476	97	1	2	65/65/65
	Eastbound Offramp	EB	1	1680	97	1	2	65/65/65
	Eastbound Onramp	EB	1	1700	97	1	2	65/65/65
Leisure Lane	Exposition Blvd to EB Onramp	WB	1	2670	97	1	2	30/30/30
	EB OffRamp to Expo Pkway	WB	1	3270	97	1	2	30/30/30
	Expo Pkway to EB Offramp	EB	1	3550	97	1	2	30/30/30
	EB Onramp to Exposition Blvd	EB	1	2930	97	1	2	30/30/30
Expo Pkwy	Leisure Lane to Canterbury Rd	NB	1	4200	97	1	2	25/25/25
	Canterbury Rd to Leisure Lane	SB	1	2380	97	1	2	25/25/25
	Costco to Leisure Lane	WB	1	2170	97	1	2	25/25/25
	Leisure Lane to Costco	EB	1	1700	97	1	2	25/25/25