

Appendix II C

VMT and Speed for Street Segments Outside Model Area

Table 1: Historical Summary of AADTs (1990 to 2003)

Road	NDOT Count Sta	length (miles)	Segment description	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Change
I-15	0311109	1	CA stateline and Primm IC	23,600	24,400	24,800	26,400	28,400	29,100	29,500	31,000	32,200	34,000	34,900	35,700	37,800	38,100	14,500
I-15	840	11	Primm IC and Jean IC	24,400	25,100	26,200	27,900	32,000	32,700	32,200	33,200	34,300	35,200	38,200	38,500	41,700	41,600	17,200
I-15	841	13	Jean IC and Sloan IC	25,000	25,700	27,200	28,800	33,300	34,700	33,800	35,300	35,700	37,200	39,800	41,000	42,600	43,000	18,000
I-15	0311209	6	Apex and US 93	12,000	12,700	13,100	14,100	14,900	16,000	16,600	17,500	18,700	19,400	19,600	20,500	22,900	22,900	10,900
I-15	730	11	US 93 and Valley of Fire	10,700	11,100	12,000	13,200	13,100	14,000	13,600	14,300	15,200	16,300	17,100	18,200	19,000	18,600	7,900
I-15	844	5	Valley of Fire and Ute	10,400	10,800	11,700	12,900	12,700	13,600	13,300	14,000	15,000	15,800	16,700	17,900	18,600	18,000	7,600
I-15	845	4	Ute and Byron	10,400	10,800	11,700	12,900	12,700	13,600	13,300	14,000	15,000	15,800	16,700	17,900	18,600	18,100	7,700
I-15	846	4	Byron and Hidden Valley	10,400	10,800	11,700	12,900	12,700	13,600	13,300	14,000	15,000	15,800	16,700	17,900	18,600	18,100	7,700
I-15	199	2	Hidden Valley and Moapa	10,300	10,800	11,600	12,900	12,700	13,600	13,300	13,900	14,900	15,700	16,700	17,900	18,600	18,100	7,800
I-15	847	1	Moapa and Glendale	9,000	9,600	10,400	11,800	11,500	12,300	12,100	12,600	13,300	14,300	15,700	16,800	17,100	16,000	7,000
US 95	242	2	CA stateline and SR 163	1,700	1,600	2,000	2,100	2,100	2,100	2,500	2,200	2,400	2,500	3,100	3,100	3,400	3,400	1,700
US 95	851	20	SR 163 and SR 164 (Searchlight)	4,700	4,600	5,100	5,100	5,600	5,500	5,900	6,600	6,800	5,600	6,200	6,700	7,700	7,700	3,000
US 95	0331309	40	SR 164 (Searchlight) and US 93	na	na	na	5,100	5,500	5,500	5,800	6,000	6,000	6,300	6,200	6,900	7,700	7,800	2,700
US 95	367	5	TDF Model Boundary and Snow Mt Interchange	6,100	5,900	5,800	6,500	5,600	6,900	5,700	6,000	6,300	6,300	7,200	7,100	6,900	7,200	1,100
US 95	1135	5	Snow Mountain Interchange and SR 156	na	na	na	na	na	na	5,300	5,500	5,600	5,700	6,400	6,000	6,100	6,300	1,000
US 95	374	3	SR 156 and Ozone Boundary	4,400	4,200	4,400	5,200	4,700	4,900	4,100	4,200	4,400	4,300	5,200	4,900	4,900	5,100	700
US 93	0352209	5	Hoover Dam and Boulder Beach Hwy	10,000	10,900	11,600	11,800	12,100	12,800	13,000	13,100	13,200	13,100	15,300	13,200	12,300	12,600	2,600
US 93	0331509	5	Buchanan and US 93 Interchange	na	na	na	24,605	25,335	27,355	28,825	30,015	30,895	31,965	32,250	32,135	32,190	32,770	8,165
US 93	202	27	I-15 and north edge of Ozone boundary	1,200	1,400	1,400	1,200	1,100	1,500	1,300	1,500	1,500	1,400	1,700	1,700	1,700	2,600	1,400
US 93 / 95	910	2	US 93 and Railroad Pass	na	25,800	28,000	29,400	30,600	32,800	34,100	35,500	37,100	38,300	38,200	39,000	40,000	43,000	14,200
US 93 / 95	230	3	Railroad Pass and Wagon Wheel	32,000	27,100	27,500	30,800	32,800	31,900	35,400	37,300	37,900	38,300	38,500	38,000	42,700	43,000	11,000
SR 160	361	4	TDF Model and SR 159	na	na	na	na	na	na	na	na	na	9,000	8,800	9,800	8,600	8,600	(400)
SR 160	360	10	SR 159 and Ozone Boundary	2,700	3,100	3,500	3,900	4,500	4,900	5,300	6,100	6,400	6,300	7,700	6,900	7,600	7,500	4,800

Table 1 (cont'd): Historical Summary of AADTs (1990 to 2003)

SR 159	359	10	SR 160 and Red Rocks	1,165	1,210	1,275	1,585	1,470	1,855	1,700	1,750	1,950	2,850	2,150	2,250	2,250	1,950	785
SR 159	358	4	Red Rocks and TDF Model	1,690	2,045	2,175	2,345	2,160	2,260	2,300	2,400	2,800	2,650	2,850	3,100	4,150	3,650	1,960
SR 157	368	17	east of SR 158	2,300	2,300	2,300	2,500	2,800	2,600	2,700	2,900	2,500	3,200	2,800	3,200	2,600	3,000	700
SR 157	369	4	west of SR 158	1,100	1,400	1,200	1,300	1,500	1,400	1,600	1,600	1,400	1,800	1,500	1,800	1,400	1,500	400
SR 158	371	7	between SR 157 and 156	200	300	300	300	400	400	500	500	300	600	400	500	300	500	300
SR 156	373	14	west of SR 158	300	300	300	300	500	500	600	600	400	600	400	500	400	500	200
SR 156	372	3	east of SR 158	300	500	400	400	600	700	700	800	400	900	500	600	500	500	200
SR 163	0331609	18	US 95 and Needles Hwy	na	na	na	4,400	4,700	4,600	4,800	4,900	5,000	5,000	4,800	5,200	6,100	6,100	1,700
SR 163	689	3	Needles Hwy and Davis Dam Rd	4,100	4,000	4,600	4,400	5,700	6,000	6,000	5,900	5,800	5,400	5,700	5,800	6,600	6,600	2,500
SR 163	925	4	Davis Dam Rd and Casino Dr	na	na	na	na	na	na	na	na	na	na	5,230	5,800	7,900	7,750	2,520
SR 163	796	1	Casino Dr and A.Z stateline	30,200	35,700	38,200	40,500	40,400	42,200	41,300	38,800	39,000	39,000	38,000	38,500	37,000	41,200	11,000
Casino Dr	1077	4	Needles Hwy and Thomas Edison	na	na	na	na	na	na	6,300	5,000	5,500	5,400	5,300	4,500	4,500	4,300	(2,000)
Casino Dr	1078	3	Thomas Edison and XXX	na	na	na	na	na	na	22,400	19,200	19,500	20,300	19,100	19,000	19,000	18,400	(4,000)
Casino Dr	980	2	XXX and SR 163	na	na	na	30,500	38,100	34,600	35,400	33,200	33,000	33,000	32,000	32,500	29,600	32,300	1,800
Casino Dr	691	4	SR 163 and Davis Dam Rd	1,400	1,800	1,700	1,400	1,500	600	600	500	400	400	400	400	300	300	(1,100)
Bruce Woodbury	693	4	Needles Hwy and Edison	7,600	8,900	10,100	10,500	10,800	10,500	9,200	8,900	9,000	8,500	8,200	8,200	8,200	9,500	1,900
Bruce Woodbury	692	4	Edison and Thomas Edison	8,400	9,500	10,700	11,100	11,400	9,800	10,400	9,900	10,500	9,500	8,900	8,900	8,900	10,200	1,800
Davis Dam	265	5	SR 163 and Casino Drive	na	na	na	na	na	600	500	600	600	500	500	500	500	400	(200)
Davis Dam	690	2	Casino Dr and A.Z stateline	1,600	1,600	1,500	1,900	1,700	1,000	1,000	900	800	800	800	800	700	600	(1,000)
Needles Hwy	687	4	Laughlin Hwy and B Woodbury	1,100	1,000	1,100	1,200	1,100	2,000	2,000	2,000	2,000	1,900	1,700	1,600	1,700	1,900	800
Needles Hwy	688	4	B Woodbury and Casino	8,400	9,600	10,800	11,500	11,600	11,300	11,100	11,100	11,000	10,300	9,800	9,900	10,000	11,200	2,800
Needles Hwy	1075	4	Casino and XXX	na	na	na	na	na	na	7,000	5,600	6,300	6,700	6,400	5,900	6,100	5,900	(1,100)
SR 147	734	4	XXX and east end of model	2,200	2,200	2,800	2,500	2,500	2,600	2,900	2,500	3,100	3,500	3,000	3,000	2,800	2,800	600
SR 168	205	3	2 to 3 mile segment	900	900	900	1,000	900	900	1,100	1,100	1,100	1,100	1,100	1,200	1,200	1,200	300
Valley of Fire Rd	134	15	I-15 and Ozone Boundary	220	300	260	320	340	675	705	685	700	590	460	490	490	500	280
SR 161	15	12	I-15 and Goodsprings	1,100	1,200	1,300	1,400	1,500	1,700	1,800	1,700	1,700	1,900	2,100	1,700	2,000	2,200	1,100
SR 164	237	20	I-15 and Searchlight (US 95)	555	550	895	850	850	820	970	800	790	820	820	820	880	880	325

Table 2: Summary of Forecast AADTs (2005 to 2030)

Road	NDOT Count Sta	length (miles)	Segment description	Annual Change	2005 AADT	2006 AADT	2007 AADT	2009 AADT	2010 AADT	2015 AADT	2020 AADT	2025 AADT	2030 AADT
I-15	0311109	1	CA stateline and Primm IC	1,115	40,331	41,446	42,562	44,792	45,908	51,485	57,062	62,638	68,215
I-15	840	11	Primm IC and Jean IC	1,323	44,246	45,569	46,892	49,538	50,862	57,477	64,092	70,708	77,323
I-15	841	13	Jean IC and Sloan IC	1,385	45,769	47,154	48,538	51,308	52,692	59,615	66,538	73,462	80,385
I-15	0311209	6	Apex and US 93	838	24,577	25,415	26,254	27,931	28,769	32,962	37,154	41,346	45,538
I-15	730	11	US 93 and Valley of Fire	608	19,815	20,423	21,031	22,246	22,854	25,892	28,931	31,969	35,008
I-15	844	5	Valley of Fire and Ute	585	19,169	19,754	20,338	21,508	22,092	25,015	27,938	30,862	33,785
I-15	845	4	Ute and Byron	592	19,285	19,877	20,469	21,654	22,246	25,208	28,169	31,131	34,092
I-15	846	4	Byron and Hidden Valley	592	19,285	19,877	20,469	21,654	22,246	25,208	28,169	31,131	34,092
I-15	199	2	Hidden Valley and Moapa	600	19,300	19,900	20,500	21,700	22,300	25,300	28,300	31,300	34,300
I-15	847	1	Moapa and Glendale	538	17,077	17,615	18,154	19,231	19,769	22,462	25,154	27,846	30,538
US 95	242	2	CA stateline and SR 163	131	3,662	3,792	3,923	4,185	4,315	4,969	5,623	6,277	6,931
US 95	851	20	SR 163 and SR 164 (Searchlight)	231	8,162	8,392	8,623	9,085	9,315	10,469	11,623	12,777	13,931
US 95	0331309	40	SR 164 (Searchlight) and US 93	270	8,340	8,610	8,880	9,420	9,690	11,040	12,390	13,740	15,090
US 95	367	5	TDF Model Boundary and Snow Mt Interchange	85	7,369	7,454	7,538	7,708	7,792	8,215	8,638	9,062	9,485
US 95	1135	5	Snow Mountain Interchange and SR 156	143	6,586	6,729	6,871	7,157	7,300	8,014	8,729	9,443	10,157
US 95	374	3	SR 156 and Ozone Boundary	54	5,208	5,262	5,315	5,423	5,477	5,746	6,015	6,285	6,554
US 93	0352209	5	Hoover Dam and Boulder Beach Hwy	200	13,000	13,200	13,400	13,800	14,000	15,000	16,000	17,000	18,000
US 93	0331509	5	Buchanan and US 93 Interchange	817	34,403	35,220	36,036	37,669	38,486	42,568	46,651	50,733	54,816
US 93	202	27	I-15 and north edge of Ozone boundary	108	2,815	2,923	3,031	3,246	3,354	3,892	4,431	4,969	5,508
US 93 / 95	910	2	US 93 and Railroad Pass	1,291	45,582	46,873	48,164	50,745	52,036	58,491	64,945	71,400	77,855
US 93 / 95	230	3	Railroad Pass and Wagon Wheel	846	44,692	45,538	46,385	48,077	48,923	53,154	57,385	61,615	65,846
SR 160	361	4	TDF Model and SR 159	varies	9,000	9,500	10,000	11,000	12,000	15,000	17,500	20,000	25,000
SR 160	360	10	SR 159 and Ozone Boundary	varies	8,238	9,000	9,500	10,500	11,500	14,500	17,000	19,500	24,500
SR 159	359	10	SR 160 and Red Rocks	56	2,062	2,118	2,174	2,286	2,343	2,623	2,903	3,184	3,464

Table 2 (cont'd): Summary of Forecast AADTs (2005 to 2030)

SR 159	358	4	Red Rocks and TDF Model	151	3,952	4,102	4,253	4,555	4,705	5,459	6,213	6,967	7,721
SR 157	368	17	east of SR 158	54	3,108	3,162	3,215	3,323	3,377	3,646	3,915	4,185	4,454
SR 157	369	4	west of SR 158	31	1,562	1,592	1,623	1,685	1,715	1,869	2,023	2,177	2,331
SR 158	371	7	between SR 157 and 156	23	546	569	592	638	662	777	892	1,008	1,123
SR 156	373	14	west of SR 158	15	531	546	562	592	608	685	762	838	915
SR 156	372	3	east of SR 158	15	531	546	562	592	608	685	762	838	915
SR 163	0331609	18	US 95 and Needles Hwy	170	6,440	6,610	6,780	7,120	7,290	8,140	8,990	9,840	10,690
SR 163	689	3	Needles Hwy and Davis Dam Rd	192	6,985	7,177	7,369	7,754	7,946	8,908	9,869	10,831	11,792
SR 163	925	4	Davis Dam Rd and Casino Dr	varies	8500	9000	9500	11000	11500	13000	15000	17500	20000
SR 163	796	1	Casino Dr and AZ stateline	846	42,892	43,738	44,585	46,277	47,123	51,354	55,585	59,815	64,046
Casino Dr	1077	4	Needles Hwy and Thomas Edison	varies	4,500	4,500	4,500	4,750	5,000	6,000	7,000	8,000	9,000
Casino Dr	1078	3	Thomas Edison and XXX	varies	19,000	19,000	19,500	20,000	20,500	22,000	24,000	26,000	28,000
Casino Dr	960	2	XXX and SR 163	180	32,660	32,840	33,020	33,380	33,560	34,460	35,360	36,260	37,160
Casino Dr	691	4	SR 163 and Davis Dam Rd	varies	300	300	300	300	300	300	300	300	300
Bruce Woodbury	693	4	Needles Hwy and Edison	146	9,792	9,938	10,085	10,377	10,523	11,254	11,985	12,715	13,446
Bruce Woodbury	692	4	Edison and Thomas Edison	138	10,477	10,615	10,754	11,031	11,169	11,862	12,554	13,246	13,938
Davis Dam	265	5	SR 163 and Casino Drive	varies	400	400	400	400	400	400	400	400	400
Davis Dam	690	2	Casino Dr and AZ stateline	varies	600	600	600	600	600	600	600	600	600
Needles Hwy	687	4	Laughlin Hwy and B Woodbury	62	2,023	2,085	2,146	2,269	2,331	2,638	2,946	3,254	3,562
Needles Hwy	688	4	B Woodbury and Casino	215	11,631	11,846	12,062	12,492	12,708	13,785	14,862	15,938	17,015
Needles Hwy	1075	4	Casino and XXX	varies	5,586	5,900	5,900	5,900	5,900	5,900	5,900	5,900	5,900
SR 147	734	4	XXX and east end of model	46	2,892	2,938	2,985	3,077	3,123	3,354	3,585	3,815	4,046
SR 168	205	3	2 to 3 mile segment	23	1,246	1,269	1,292	1,338	1,362	1,477	1,592	1,708	1,823
Valley of Fire Rd	134	15	I-15 and Ozone Boundary	22	543	565	586	629	651	758	866	974	1,082
SR 161	15	12	I-15 and Goodsprings	85	2,369	2,454	2,538	2,708	2,792	3,215	3,638	4,062	4,485
SR 164	237	20	I-15 and Searchlight (US 95)	25	930	955	980	1030	1055	1180	1305	1430	1555

Table 3: Summary of Forecast VMT and Average Speed (2005 to 2030)

Road	NDOT Count Sta	length (miles)	Segment description	Avg Speed (MPH)	Speed Source	2003 VMT	2005 VMT	2006 VMT	2007 VMT	2009 VMT	2010 VMT	2015 VMT	2020 VMT	2025 VMT	2030 VMT
I-15	0311109	1	CA stateline and Primm IC	76.4	060061	36,100	40,331	41,446	42,562	44,792	45,908	51,485	57,062	62,638	68,215
I-15	840	11	Primm IC and Jean IC	76.4	060061	457,600	486,708	501,262	515,815	544,923	559,477	632,246	705,015	777,785	850,554
I-15	841	13	Jean IC and Sloan IC	76.4	060061	559,000	595,000	613,000	631,000	667,000	685,000	775,000	865,000	955,000	1,045,000
I-15	0311209	6	Apex and US 93	75.8	062063	137,400	147,462	152,492	157,523	167,585	172,615	197,769	222,923	248,077	273,231
I-15	730	11	US 93 and Valley of Fire	75.8	062063	204,600	217,969	224,654	231,338	244,708	251,392	284,815	318,238	351,662	385,085
I-15	844	5	Valley of Fire and Ute	75.8	062063	90,000	95,846	98,769	101,692	107,538	110,462	125,077	139,692	154,308	168,923
I-15	845	4	Ute and Byron	75.8	062063	72,400	77,138	79,508	81,877	86,615	88,985	100,831	112,677	124,523	136,369
I-15	846	4	Byron and Hidden Valley	75.8	062063	72,400	77,138	79,508	81,877	86,615	88,985	100,831	112,677	124,523	136,369
I-15	199	2	Hidden Valley and Moapa	75.8	062063	36,200	38,600	39,800	41,000	43,400	44,600	50,600	56,600	62,600	68,600
I-15	847	1	Moapa and Glendale	75.8	062063	16,000	17,077	17,615	18,154	19,231	19,769	22,462	25,154	27,846	30,538
US 95	242	2	CA stateline and SR 163	72.5	104105	6,800	7,323	7,585	7,846	8,369	8,631	9,938	11,246	12,554	13,862
US 95	851	20	SR 163 and SR 164 (Searchlight)	72.5	104105	154,000	163,231	167,846	172,462	181,692	186,308	209,385	232,462	255,538	278,615
US 95	0331309	40	SR 164 (Searchlight) and US 93	72.5	104105	312,000	333,600	344,400	355,200	376,800	387,600	441,600	495,600	549,600	603,600
US 95	367	5	TDF Model Boundary and Snow Mt Interchange	73.4	088089	36,000	36,846	37,269	37,692	38,538	38,962	41,077	43,192	45,308	47,423
US 95	1135	5	Snow Mountain Interchange and SR 156	73.4	088089	31,500	32,929	33,643	34,357	35,786	36,500	40,071	43,643	47,214	50,786
US 95	374	3	SR 156 and Ozone Boundary	73.4	088089	15,300	15,623	15,785	15,946	16,269	16,431	17,238	18,046	18,854	19,662
US 93	0352209	5	Hoover Dam and Boulder Beach Hwy	50.0	na	63,000	65,000	66,000	67,000	69,000	70,000	75,000	80,000	85,000	90,000
US 93	0331509	5	Buchanan and US 93 Interchange	45.0	na	163,850	172,015	176,098	180,180	188,345	192,428	212,840	233,253	253,665	274,078
US 93	202	27	I-15 and north edge of Ozone boundary	72.5	104105	70,200	76,015	78,923	81,831	87,646	90,554	105,092	119,631	134,169	148,708
US 93 / 95	910	2	US 93 and Railroad Pass	63.2	004005	86,000	91,164	93,745	96,327	101,491	104,073	116,982	129,891	142,800	155,709
US 93 / 95	230	3	Railroad Pass and Wagon Wheel	63.2	004005	129,000	134,077	136,615	139,154	144,231	146,769	159,462	172,154	184,846	197,538
SR 160	361	4	TDF Model and SR 159	65.0	na	34,400	36,000	38,000	40,000	44,000	48,000	60,000	70,000	80,000	100,000
SR 160	360	10	SR 159 and Ozone Boundary	65.0	na	75,000	82,385	90,000	95,000	105,000	115,000	145,000	170,000	195,000	245,000
SR 159	359	10	SR 160 and Red Rocks	55.0	na	19,500	20,621	21,182	21,743	22,864	23,425	26,229	29,032	31,836	34,639

Table 3 (cont'd): Summary of Forecast VMT and Average Speed (2005 to 2030)

SR 159	358	4	Red Rocks and TDF Model	55.0	na	14,600	15,806	16,409	17,012	18,218	18,822	21,837	24,852	27,868	30,883
SR 157	368	17	east of SR 158	55.0	na	51,000	52,831	53,746	54,662	56,492	57,408	61,985	66,562	71,138	75,715
SR 157	369	4	west of SR 158	55.0	na	6,000	6,246	6,369	6,492	6,738	6,862	7,477	8,092	8,708	9,323
SR 158	371	7	between SR 157 and 156	45.0	na	3,500	3,823	3,985	4,146	4,469	4,631	5,438	6,246	7,054	7,862
SR 156	373	14	west of SR 158	55.0	na	7,000	7,431	7,646	7,862	8,292	8,508	9,585	10,662	11,738	12,815
SR 156	372	3	east of SR 158	45.0	na	1,500	1,592	1,638	1,685	1,777	1,823	2,054	2,285	2,515	2,746
SR 163	0331609	18	US 95 and Needles Hwy	55.0	na	109,800	115,920	118,980	122,040	128,160	131,220	146,520	161,820	177,120	192,420
SR 163	689	3	Needles Hwy and Davis Dam Rd	55.0	na	19,800	20,954	21,531	22,108	23,262	23,838	26,723	29,608	32,492	35,377
SR 163	925	4	Davis Dam Rd and Casino Dr	55.0	na	31000	34000	36000	38000	44000	46000	52000	60000	70000	80000
SR 163	796	1	Casino Dr and AZ stateline	35.0	na	41,200	42,892	43,738	44,585	46,277	47,123	51,354	55,585	59,815	64,046
Casino Dr	1077	4	Needles Hwy and Thomas Edison	45.0	na	17,200	18,000	18,000	18,000	19,000	20,000	24,000	28,000	32,000	36,000
Casino Dr	1078	3	Thomas Edison and XXX	35.0	na	55,200	57,000	57,000	58,500	60,000	61,500	66,000	72,000	78,000	84,000
Casino Dr	980	2	XXX and SR 163	35.0	na	64,600	65,320	65,680	66,040	66,760	67,120	68,920	70,720	72,520	74,320
Casino Dr	691	4	SR 163 and Davis Dam Rd	45.0	na	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Bruce Woodbury	693	4	Needles Hwy and Edison	50.0	na	38,000	39,169	39,754	40,338	41,508	42,092	45,015	47,938	50,862	53,785
Bruce Woodbury	692	4	Edison and Thomas Edison	40.0	na	40,800	41,908	42,462	43,015	44,123	44,677	47,446	50,215	52,985	55,754
Davis Dam	265	5	SR 163 and Casino Drive	45.0	na	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Davis Dam	690	2	Casino Dr and AZ stateline	45.0	na	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Needles Hwy	687	4	Laughlin Hwy and B Woodbury	55.0	na	7,600	8,092	8,338	8,585	9,077	9,323	10,554	11,785	13,015	14,246
Needles Hwy	688	4	B Woodbury and Casino	40.0	na	44,800	46,523	47,385	48,246	49,969	50,831	55,138	59,446	63,754	68,062
Needles Hwy	1075	4	Casino and XXX	60.0	na	23,600	22,343	23,600	23,600	23,600	23,600	23,600	23,600	23,600	23,600
SR 147	734	4	XXX and east end of model	55.0	na	11,200	11,569	11,754	11,938	12,308	12,492	13,415	14,338	15,262	16,185
SR 168	205	3	2 to 3 mile segment	45.0	na	3,600	3,738	3,808	3,877	4,015	4,085	4,431	4,777	5,123	5,469
Valley of Fire Rd	134	15	I-15 and Ozone Boundary	70.0	na	7,500	8,146	8,469	8,792	9,438	9,762	11,377	12,992	14,608	16,223
SR 161	15	12	I-15 and Goodsprings	65.0	na	26,400	28,431	29,446	30,462	32,492	33,508	38,585	43,662	48,738	53,815
SR 164	237	20	I-15 and Searchlight (US 95)	70.0	na	17,600	18,600	19,100	19,600	20,600	21,100	23,600	26,100	28,600	31,100
TOTAL						3,528,150	3,734,833	3,844,383	3,951,561	4,167,417	4,282,594	4,822,483	5,358,872	5,897,261	6,470,850

Table 4: Aggregation of Forecast VMT by Speed Range

Road	NDOT Count Sta	length (miles)	Segment description	Avg Speed (MPH)	Speed Source	2003 VMT	2005 VMT	2006 VMT	2007 VMT	2009 VMT	2010 VMT	2015 VMT	2020 VMT	2025 VMT	2030 VMT
I-15	0311109	1	CA stateline and Primm IC	76.4	060061	38,100	40,331	41,446	42,562	44,792	45,908	51,485	57,062	62,638	68,215
I-15	840	11	Primm IC and Jean IC	76.4	060061	457,600	486,708	501,262	515,815	544,923	559,477	632,246	705,015	777,785	850,554
I-15	841	13	Jean IC and Sloan IC	76.4	060061	559,000	595,000	613,000	631,000	667,000	685,000	775,000	865,000	955,000	1,045,000
I-15	0311209	6	Apex and US 93	75.8	062063	137,400	147,462	152,492	157,523	167,585	172,615	197,769	222,923	248,077	273,231
I-15	730	11	US 93 and Valley of Fire	75.8	062063	204,600	217,969	224,654	231,338	244,708	251,392	284,815	318,238	351,662	385,085
I-15	844	5	Valley of Fire and Ute	75.8	062063	90,000	95,846	98,769	101,692	107,538	110,462	125,077	139,692	154,308	168,923
I-15	845	4	Ute and Byron	75.8	062063	72,400	77,138	79,508	81,877	86,615	88,985	100,831	112,677	124,523	136,369
I-15	846	4	Byron and Hidden Valley	75.8	062063	72,400	77,138	79,508	81,877	86,615	88,985	100,831	112,677	124,523	136,369
I-15	199	2	Hidden Valley and Moapa	75.8	062063	36,200	38,600	39,800	41,000	43,400	44,600	50,600	56,600	62,600	68,600
I-15	847	1	Moapa and Glendale	75.8	062063	16,000	17,077	17,615	18,154	19,231	19,769	22,462	25,154	27,846	30,538
Average Speed: Greater than 75 mph						1,683,700	1,793,269	1,848,054	1,902,838	2,012,408	2,067,192	2,341,115	2,615,038	2,888,962	3,162,885
US 95	367	5	TDF Model Boundary and Snow Mt Interchange	73.4	088089	36,000	36,846	37,269	37,692	38,538	38,962	41,077	43,192	45,308	47,423
US 95	1135	5	Snow Mountain Interchange and SR 156	73.4	088089	31,500	32,929	33,643	34,357	35,786	36,500	40,071	43,643	47,214	50,786
US 95	374	3	SR 156 and Ozone Boundary	73.4	088089	15,300	15,623	15,785	15,946	16,269	16,431	17,238	18,046	18,854	19,662
US 95	242	2	CA stateline and SR 163	72.5	104105	6,800	7,323	7,585	7,846	8,369	8,631	9,938	11,246	12,554	13,862
US 95	851	20	SR 163 and SR 164 (Searchlight)	72.5	104105	154,000	163,231	167,846	172,462	181,692	186,308	209,385	232,462	255,538	278,615
US 95	0331309	40	SR 164 (Searchlight) and US 93	72.5	104105	312,000	333,600	344,400	355,200	376,800	387,600	441,600	495,600	549,600	603,600
US 93	202	27	I-15 and north edge of Ozone boundary	72.5	104105	70,200	76,015	78,923	81,831	87,646	90,554	105,092	119,631	134,169	148,708
Valley of Fire Rd	134	15	I-15 and Ozone Boundary	70.0	na	7,500	8,146	8,469	8,792	9,438	9,762	11,377	12,992	14,608	16,223
SR 164	237	20	I-15 and Searchlight (US 95)	70.0	na	17,600	18,600	19,100	19,600	20,600	21,100	23,600	26,100	28,600	31,100
Average Speed: 70 to 75 mph						650,900	692,313	713,020	733,726	775,140	795,846	899,379	1,002,912	1,106,445	1,209,978
SR 160	361	4	TDF Model and SR 159	65.0	na	34,400	36,000	36,000	40,000	44,000	48,000	60,000	70,000	80,000	100,000
SR 160	360	10	SR 159 and Ozone Boundary	65.0	na	75,000	82,385	90,000	95,000	105,000	115,000	145,000	170,000	195,000	245,000
SR 161	15	12	I-15 and Goodsprings	65.0	na	26,400	28,431	29,446	30,462	32,492	33,508	38,585	43,662	48,738	53,815
US 93 / 95	910	2	US 93 and Railroad Pass	63.2	004005	86,000	91,164	93,745	96,327	101,491	104,073	116,982	129,891	142,800	155,709
US 93 / 95	230	3	Railroad Pass and Wagon Wheel	63.2	004005	129,000	134,077	136,615	139,154	144,231	146,769	159,462	172,154	184,846	197,538
Needles Hwy	1075	4	Casino and XXX	60.0	na	23,600	22,343	23,600	23,600	23,600	23,600	23,600	23,600	23,600	23,600
Average Speed: 60 to 70 mph						374,400	394,399	411,407	424,543	450,814	470,950	543,628	609,306	674,985	775,663
SR 159	359	10	SR 160 and Red Rocks	55.0	na	19,500	20,621	21,182	21,743	22,864	23,425	26,229	29,032	31,836	34,639

Table 4 (cont'd): Aggregation of Forecast VMT by Speed Range

SR 159	358	4	Red Rocks and TDF Model	55.0	na	14,600	15,806	16,409	17,012	18,218	18,822	21,837	24,852	27,868	30,883
SR 157	368	17	east of SR 158	55.0	na	51,000	52,831	53,746	54,662	56,492	57,408	61,985	66,562	71,138	75,715
SR 157	369	4	west of SR 158	55.0	na	6,000	6,246	6,369	6,492	6,738	6,862	7,477	8,092	8,708	9,323
SR 156	373	14	west of SR 158	55.0	na	7,000	7,431	7,646	7,862	8,292	8,508	9,585	10,662	11,738	12,815
SR 163	0331609	18	US 95 and Needles Hwy	55.0	na	109,800	115,920	118,980	122,040	128,160	131,220	146,520	161,820	177,120	192,420
SR 163	689	3	Needles Hwy and Davis Dam Rd	55.0	na	19,800	20,954	21,531	22,108	23,262	23,838	26,723	29,608	32,492	35,377
SR 163	925	4	Davis Dam Rd and Casino Dr	55.0	na	31000	34000	36000	38000	44000	46000	52000	60000	70000	80000
Needles Hwy	687	4	Laughlin Hwy and B Woodbury	55.0	na	7,600	8,092	8,338	8,585	9,077	9,323	10,554	11,785	13,015	14,246
SR 147	734	4	XXX and east end of model	55.0	na	11,200	11,569	11,754	11,938	12,308	12,492	13,415	14,338	15,262	16,185
Average Speed: 55 mph						277,500	293,471	301,956	310,441	329,412	337,897	376,324	416,751	459,177	501,604
US 93	0352209	5	Hoover Dam and Boulder Beach Hwy	50.0	na	63,000	65,000	66,000	67,000	69,000	70,000	75,000	80,000	85,000	90,000
Bruce Woodbury	693	4	Needles Hwy and Edison	50.0	na	38,000	39,169	39,754	40,338	41,508	42,092	45,015	47,938	50,862	53,785
Average Speed: 50 mph						101,000	104,169	105,754	107,338	110,508	112,092	120,015	127,938	135,862	143,785
US 93	0331509	5	Buchanan and US 93 Interchange	45.0	na	163,850	172,015	176,098	180,180	188,345	192,428	212,840	233,253	253,665	274,078
SR 158	371	7	between SR 157 and 156	45.0	na	3,500	3,823	3,985	4,146	4,469	4,631	5,438	6,246	7,054	7,862
SR 156	372	3	east of SR 158	45.0	na	1,500	1,592	1,638	1,685	1,777	1,823	2,054	2,285	2,515	2,746
Casino Dr	1077	4	Needles Hwy and Thomas Edison	45.0	na	17,200	18,000	18,000	18,000	19,000	20,000	24,000	28,000	32,000	36,000
Casino Dr	691	4	SR 163 and Davis Dam Rd	45.0	na	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Davis Dam	265	5	SR 163 and Casino Drive	45.0	na	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Davis Dam	690	2	Casino Dr and AZ stateline	45.0	na	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
SR 168	205	3	2 to 3 mile segment	45.0	na	3,600	3,738	3,808	3,877	4,015	4,085	4,431	4,777	5,123	5,469
Average Speed: 45 mph						194,050	203,569	207,928	212,288	222,007	227,366	253,163	278,960	304,757	330,554
Bruce Woodbury	692	4	Edison and Thomas Edison	40.0	na	40,800	41,908	42,462	43,015	44,123	44,677	47,446	50,215	52,985	55,754
Needles Hwy	688	4	B Woodbury and Casino	40.0	na	44,800	46,523	47,385	48,246	49,969	50,831	55,138	59,446	63,754	68,062
Average Speed: 40 mph						85,600	88,431	89,846	91,262	94,092	95,508	102,585	109,662	116,738	123,815
SR 163	796	1	Casino Dr and AZ stateline	35.0	na	41,200	42,892	43,738	44,585	46,277	47,123	51,354	55,585	59,815	64,046
Casino Dr	1078	3	Thomas Edison and XXX	35.0	na	55,200	57,000	57,000	58,500	60,000	61,500	66,000	72,000	78,000	84,000
Casino Dr	980	2	XXX and SR 163	35.0	na	64,600	65,320	65,680	66,040	66,760	67,120	68,920	70,720	72,520	74,320
Average Speed: 35 mph						161,000	165,212	166,418	169,125	173,037	175,743	186,274	198,305	210,335	222,366