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**YUCCA MOUNTAIN TRANSPORTATION ROUTES:
PRELIMINARY CHARACTERIZATION AND RISK ANALYSIS**

**VOLUME II: FIGURES
VOLUME III: TECHNICAL APPENDICES**

by

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Shashi K. Sathisan
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Transportation Research Center
University of Nevada, Las Vegas

May 31, 1991

MASTER

Nevada Agency for Nuclear Projects, Nuclear Waste Project Office

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The Nevada Agency for Nuclear Projects/Nuclear Waste Project Office (NWPO) was created by the Nevada Legislature to oversee federal high-level nuclear waste activities in the State. Since 1985, it has dealt largely with the U.S. Department of Energy's (DOE) siting of a high-level nuclear waste repository at Yucca Mountain in southern Nevada. As part of its oversight role, NWPO has contracted for studies designed to assess the transportation impacts of a repository.

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TRANSPORTATION RESEARCH CENTER
UNIVERSITY OF NEVADA, LAS VEGAS

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**YUCCA MOUNTAIN TRANSPORTATION ROUTES:
PRELIMINARY CHARACTERIZATION AND RISK ANALYSIS**

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**YUCCA MOUNTAIN TRANSPORTATION ROUTES:
PRELIMINARY CHARACTERIZATION AND RISK ANALYSIS**

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Appendix 2-A

Route: A (From Wendover via Las Vegas)

Section Classification

	<u>Distance¹</u>	<u>Location²</u>
Section 1:	60.058 mi	<u>US 93 Alt</u> Wendover to Lage's Jct
Section 2:	59.986 mi	<u>US 93</u> Lage's Jct to Ely
Section 3:	24.027 mi	<u>US 6</u> Ely to Jct US 6 & SR 318
Section 4:	110.162 mi	<u>SR 318</u> Jct US 6 & SR 318 to Jct SR 318 & US 93
Section 5:	85.103 mi	<u>US 93</u> Jct SR 318 & US 93 to Jct US 93 & I-15
Section 6:	15.871 mi	<u>I-15</u> Jct US 93 & I-15 to Jct I-15 & Craig Rd
Section 7:	7.326 mi	<u>Craig Rd</u> Jct I-15 & Craig Rd to Jct Craig Rd & Tonopah Hwy
Section 8:	1.646 mi	<u>Tonopah Hwy (Rancho Road)</u> Craig Rd & Tonopah Hwy to Tonopah Hwy & US 95
Section 9:	51.510 mi	<u>US 95</u> Tonopah Hwy & US 95 to Jct US 95 & Mercury Interchange
Total	415.689 mi	

1. NDOT 1988 Annual Traffic Report
2. NDOT Cumulative Mileage Milepost Listing

Segment Description

	<u>Distance¹</u>	<u>Location²</u>
Segment 1.1:	0.775 mi	I-80 at Utah border heading west to West Wendover Interchange. [I-80]
Segment 1.2:	0.114 mi	I-80 West Wendover Interchange heading south to Junction Old US 40. [US93A]
Segment 1.3:	0.278 mi	Junction Old US 40 heading east to SR224. [US93A]
Segment 1.4:	58.891 mi	SR 224 heading south to Lage's Jct. [US93A]
Segment 2.1:	14.208 mi	Lage's Jct heading south to SR 489. [US93]
Segment 2.2:	6.021 mi	SR 489 heading south to Schellbourne Rd. [US93]
Segment 2.3:	21.927 mi	Schellbourne Rd heading south to SR 486. [US93]
Segment 2.4:	4.616 mi	SR 486 heading south to North McGill. [US93]

Route: A (From Wendover via Las Vegas)

Segment Description

	<u>Distance¹</u>	<u>Location²</u>
Segment 2.5:	1.154 mi	North McGill heading south to South McGill [US93]
Segment 2.6:	8.184 mi	South McGill heading south to Ely Airport. [US93]
Segment 2.7:	2.370 mi	Ely Airport heading south to East Ely. [US93]
Segment 2.8:	0.831 mi	East Ely heading west to Ely. [US93]
Segment 2.9:	0.675 mi	Ely heading south to Jct US 6 & US 95. [US93]
Segment 3.1:	0.407 mi	Jct US 6 & US 95 in Ely heading west to east city limit of Ely. [US 6]
Segment 3.2:	1.393 mi	East city limit of Ely heading west to Murry st. & US 6 in Ely. [US6]
Segment 3.3:	0.211 mi	Murry st. & US 6 in Ely heading south to south city limit Ely. [US 6]
Segment 3.4:	3.923 mi	South city limit Ely heading south to Ward Mt Rd. [US 6]
Segment 3.5:	18.093 mi	Ward Mt Rd heading south to SR 318 [US 6]
Segment 4.1:	5.998 mi	SR 318 & US 6 heading east to Preston. [SR 318]
Segment 4.2:	5.202 mi	Preston heading east to North Lund. [SR 318]
Segment 4.3:	1.288 mi	North Lund heading south to South Lund. [SR 318]
Segment 4.4:	28.634 mi	South Lund heading south to Sunnyside. [SR 318]
Segment 4.5:	64.318 mi	Sunnyside heading south to Hiko. [SR 318]
Segment 4.6:	4.722 mi	Hiko heading south to Jct SR 318 & US 93. [SR 318]
Segment 5.1:	12.038 mi	Jct SR 318 & US 93 heading south to Alamo. [US 93]
Segment 5.2:	38.580 mi	Alamo heading south to Lincoln/Clark County line. [US 93]
Segment 5.3:	3.766 mi	Lincoln/Clark County line heading south to Jct SR 168 & US 93. [US 93]
Segment 5.4:	30.719 mi	Jct SR 168 & US 93 heading south to I-15 Int. [US 93]
Segment 6.1:	6.138 mi	US 93 & I-15 heading west to Apex Int. [I-15]
Segment 6.2:	7.038 mi	Apex Int. heading west to 13.176 miles from US 93 & I-15. [I-15]
Segment 6.3:	1.000 mi	13.176 miles from US 93 & I-15 heading west to Lamb Int. [I-15]
Segment 6.4:	1.026 mi	Lamb Int heading west to North Las Vegas city limit. [I-15]

Route: A (From Wendover via Las Vegas)

Segment Description

	<u>Distance¹</u>	<u>Location²</u>
Segment 6.5:	0.669 mi	North Las Vegas city limit heading west to Craig Road Int. [I-15]
Segment 7.1:	2.300 mi	Craig Road Int heading west to 2.3 miles from Craig Road Int. [Craig Rd]
Segment 7.2:	4.000 mi	2.3 miles from Craig Road Int heading west to 6.3 miles from Craig Road Int. [Craig Rd]
Segment 7.3:	1.026 mi	6.3 miles from Craig Road Int heading west to Jct Craig Road & Tonopah Hwy (Rancho Rd). [Craig Road]
Segment 8.1:	1.000 mi	Craig Road & Tonopah Hwy heading north to 1.0 miles from Craig Road & Tonopah Hwy. [Tonopah Hwy (Rancho Rd)]
Segment 8.2:	0.646 mi	1.0 mile from Craig Road & Tonopah Hwy heading north to Tonopah Hwy and US 95. [Tonopah Hwy (Rancho Rd)]
Segment 9.1:	0.467 mi	Tonopah Hwy & US 95 heading north to 0.467 miles from Tonopah Hwy & US 95. [US 95]
Segment 9.2:	2.400 mi	0.467 miles Tonopah Hwy & US 95 heading north to 2.867 miles from Tonopah Hwy & US 95. [US 95]
Segment 9.3:	2.900 mi	2.867 miles from Tonopah Hwy & US 95 heading north to FAU 613 (SR157). [US 95]
Segment 9.4:	1.000 mi	FAU 613 (SR 157) heading north to 6.767 miles from Tonopah & US 95. [US 95]
Segment 9.5:	12.650 mi	6.767 miles from Tonopah Hwy & US 95 heading north to SR 156. [US 95]
Segment 9.6:	12.803 mi	SR 156 heading north to 32.22 miles from Tonopah Hwy & US 95. [US 95]
Segment 9.7:	1.000 mi	32.22 miles from Tonopah Hwy & US 95 heading west to Indian springs air base road. [US 95]
Segment 9.8:	1.000 mi	Indian Springs Air Base Road heading north to 33.22 miles from Tonopah Hwy & US 95. [US 95]
Segment 9.9:	17.290 mi	33.22 miles from Tonopah Hwy & US 95 heading west to Mercury Int. [US 95]
Total	415.689 mi	

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1. NDOT 1988 Annual Traffic Report
 2. NDOT Cumulative Mileage Milepost Listing

Appendix 2-B

Route: A (From Wendover via Las Vegas)

Highway Traffic and Accident History

	Segment Number									
	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	2.5	2.6
Basic Data										
Length in mi (1)	0.775	0.114	0.273	58.891	14.208	6.021	21.927	4.616	1.154	8.184
Length in km (1)	1.248	0.184	0.448	94.826	22.878	9.695	35.307	7.433	1.858	13.178
Functional classification (2)	1	5	5	5	5	5	5	5	5	5
Road class (2)	5	1	3	3	3	3	3	3	3	3
Traffic Data (1)										
1988 Total Traffic	1346850	1744700	2458275	158775	312075	312075	319375	421575	830375	994625
1987 Total Traffic	1184425	1691775	2383450	136875	270100	264625	266450	370475	762850	876000
1986 Total Traffic	1089525	1529350	2153500	140525	260975	257325	260975	348940	715400	803000
1985 Total Traffic	1014700	1454525	2047650	144175	260975	257325	262800	350400	724525	810300
1984 Total Traffic	939875	1396490	1967350	113150	259150	246010	259880	330325	834755	969075
1988 Truck Traffic	592760	610645	196735	60225	93805	97090	98915	97090	99645	119355
1987 Truck Traffic	521220	592395	190530	52195	81030	82125	82490	85045	91615	105120
1986 Truck Traffic	479245	535090	172280	53655	81030	79935	81030	81030	85775	104390
1985 Truck Traffic	446395	727080	184325	54750	81030	79935	81760	73730	65335	105485
1984 Truck Traffic	404055	698245	177025	27010	64970	63875	67525	69350	75190	87235
Vehicle Miles Traveled										
1988 Total VMT	1043809	198896	683400	9350419	4433962	1879004	7002936	1945990	958253	8140011
1987 Total VMT	917929	192862	662599	8060706	3837581	1593307	5842449	1710113	880329	7169184
1986 Total VMT	844382	174346	598673	8275658	3707933	1549354	5722399	1610707	825572	6571752
1985 Total VMT	786393	165816	569247	8490610	3707933	1549354	5762416	1617446	836102	6631495
1984 Total VMT	728403	159200	546923	6663517	3682003	1481226	5698389	1524780	963307	7930910
1988 Truck VMT	459389	69614	54692	3546710	1332781	584579	2168909	448167	114990	976801
1987 Truck VMT	403946	67533	52967	3073816	1151274	494475	1808758	392568	105724	860302
1986 Truck VMT	371415	61000	47894	3159797	1151274	481289	1776745	374034	98984	854328
1985 Truck VMT	345956	82887	51242	3224282	1151274	481289	1792752	340338	75397	863289
1984 Truck VMT	313143	79600	49213	1590646	923094	384591	1480621	320120	86769	713931
Vehicle Kilometers Traveled										
1988 Total VKT	1680741	320262	1100411	15056044	7139565	3025572	11276127	3133433	1542979	13107046
1987 Total VKT	1478050	310547	1066917	12979348	6179273	2565543	9407512	2753623	1417506	11543820
1986 Total VKT	1359624	280732	963983	13325464	5970513	2494770	9214207	2593560	1329335	10581835
1985 Total VKT	1266249	266997	916601	13671580	5970513	2494770	9278642	2604412	1346291	10678034
1984 Total VKT	1172875	256344	880656	10729595	5928762	2385070	9175546	2455201	1551117	12770351
1988 Truck VKT	739708	112092	88066	5710913	2146045	941289	3492378	721639	185157	1572845
1987 Truck VKT	650433	108742	85288	4949458	1853782	796203	2912463	632113	170236	1385258
1986 Truck VKT	598052	98223	77119	5087904	1853782	774971	2860914	602270	159385	1375639
1985 Truck VKT	557059	133465	82510	5191739	1853782	774971	2886688	548012	121404	1390068
1984 Truck VKT	504222	128172	79243	2561258	1486366	619269	2384095	515457	139716	1149572
Accident Data										
1988 Total accidents	4	0	0	12	4	0	8	1	1	7
1987 Total accidents	1	0	0	9	6	2	9	1	0	7
1986 Total accidents	2	0	0	8	4	3	11	4	2	8
1985 Total accidents	3	0	0	10	4	2	7	1	4	7
1984 Total accidents	1	1	1	22	9	7	11	0	4	6
1988 Truck only accidents	1	0	0	5	1	0	0	0	1	1
1987 Truck only accidents	1	0	0	1	2	1	1	0	0	1
1986 Truck only accidents	0	0	0	1	2	0	1	0	0	0
1985 Truck only accidents	3	0	0	1	1	0	1	0	0	0
1984 Truck only accidents	1	0	0	2	1	0	1	0	0	1

Route A - Highway Traffic and Accident History (continued)
Segment Number

	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	2.5	2.6
Accidents / mile										
1988 Total accidents/mi	5.16	0.00	0.00	0.20	0.28	0.00	0.36	0.22	0.87	0.86
1987 Total accidents/mi	1.29	0.00	0.00	0.15	0.42	0.33	0.41	0.22	0.00	0.86
1986 Total accidents/mi	2.58	0.00	0.00	0.14	0.28	0.50	0.50	0.87	1.73	0.98
1985 Total accidents/mi	3.87	0.00	0.00	0.17	0.28	0.33	0.32	0.22	3.47	0.86
1984 Total accidents/mi	1.29	8.77	3.60	0.37	0.63	1.16	0.50	0.00	3.47	0.73
1988 Truck accidents/mi	1.29	0.00	0.00	0.08	0.07	0.00	0.00	0.00	0.87	0.12
1987 Truck accidents/mi	1.29	0.00	0.00	0.02	0.14	0.17	0.05	0.00	0.00	0.12
1986 Truck accidents/mi	0.00	0.00	0.00	0.02	0.14	0.00	0.05	0.00	0.00	0.00
1985 Truck accidents/mi	3.87	0.00	0.00	0.02	0.07	0.00	0.05	0.00	0.00	0.00
1984 Truck accidents/mi	1.29	0.00	0.00	0.03	0.07	0.00	0.05	0.00	0.00	0.12
Accidents / km										
1988 Total accidents/km	3.21	0.00	0.00	0.13	0.17	0.00	0.23	0.13	0.54	0.53
1987 Total accidents/km	0.80	0.00	0.00	0.09	0.26	0.21	0.25	0.13	0.00	0.53
1986 Total accidents/km	1.60	0.00	0.00	0.08	0.17	0.31	0.31	0.54	1.08	0.61
1985 Total accidents/km	2.40	0.00	0.00	0.11	0.17	0.21	0.20	0.13	2.15	0.53
1984 Total accidents/km	0.80	5.45	2.23	0.23	0.39	0.72	0.31	0.00	2.15	0.46
1988 Truck accidents/km	0.80	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.54	0.08
1987 Truck accidents/km	0.80	0.00	0.00	0.01	0.09	0.10	0.03	0.00	0.00	0.08
1986 Truck accidents/km	0.00	0.00	0.00	0.01	0.09	0.00	0.03	0.00	0.00	0.00
1985 Truck accidents/km	2.40	0.00	0.00	0.01	0.04	0.00	0.03	0.00	0.00	0.00
1984 Truck accidents/km	0.80	0.00	0.00	0.02	0.04	0.00	0.03	0.00	0.00	0.08
Accidents / MVMT										
1988 Total accidents/MVMT	383	0	0	128	90	0	114	51	104	86
1987 Total accidents/MVMT	109	0	0	112	156	126	154	58	0	98
1986 Total accidents/MVMT	237	0	0	97	108	194	192	248	242	122
1985 Total accidents/MVMT	381	0	0	118	108	129	121	62	478	106
1984 Total accidents/MVMT	137	628	183	330	244	473	193	0	415	76
Average.....	250	126	37	157	141	184	155	84	248	97
Standard Deviation....	116	251	73	87	56	157	34	85	181	16
1988 Truck accidents/MTMT	218	0	0	141	75	0	0	0	870	102
1987 Truck accidents/MTMT	248	0	0	33	174	202	55	0	0	116
1986 Truck accidents/MTMT	0	0	0	32	174	0	56	0	0	0
1985 Truck accidents/MTMT	867	0	0	31	87	0	56	0	0	0
1984 Truck accidents/MTMT	319	0	0	126	108	0	68	0	0	140
Average.....	330	0	0	72	124	40	47	0	174	72
Standard Deviation....	289	0	0	50	42	81	24	0	348	60

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route A - Highway Traffic and Accident History (continued)

	Segment Number									
	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	4.1	4.2
Basic Data										
Length in mi (1)	2.37	0.831	0.675	0.407	1.393	0.211	3.923	18.093	5.998	5.202
Length in km (1)	3.816	1.338	1.087	0.655	2.243	0.340	6.317	29.133	9.658	8.376
Functional classification (2)	5	5	5	5	5	5	5	5	7	7
Road class (2)	3	7	3	3	3	3	3	3	3	3
Traffic Data (1)										
1988 Total traffic	1562200	3153600	100375	394200	365000	417925	405150	359525	253675	286525
1987 Total traffic	1379700	2717425	85775	354050	343100	361350	337625	326675	239075	242725
1986 Total traffic	1215450	2657200	74825	293825	264625	310250	306600	304775	219000	182500
1985 Total traffic	1213625	2669975	89425	315725	302950	355875	333975	328500	248200	208050
1984 Total traffic	1257425	2491855	91980	316455	312075	332150	327405	310980	233600	224475
1988 Truck traffic	125195	157680	22265	94900	94900	104390	97090	89790	63510	71540
1987 Truck traffic	110230	135780	18980	85045	89060	90520	81030	81760	59860	60590
1986 Truck Traffic	97090	132860	16425	70445	68985	77745	73730	76285	54750	45625
1985 Truck Traffic	97090	106945	17885	75920	78840	89060	77015	78840	62050	52195
1984 Truck Traffic	100740	99645	18250	69715	74825	83220	75190	74460	77745	56210
Vehicle Miles Traveled										
1988 Total VMT	3702414	2620642	67753	160439	508445	88182	1589403	6504886	1521543	1490503
1987 Total VMT	3269889	2258180	57898	144098	477938	76245	1324503	5910531	1433972	1262655
1986 Total VMT	2880617	2208133	50507	119587	368623	65463	1202792	5514294	1313562	949365
1985 Total VMT	2876291	2218749	60362	128500	422009	75090	1310184	5943551	1488704	1082276
1984 Total VMT	2980097	2070732	62087	128797	434720	70084	1284410	5626561	1401133	1167719
1988 Truck VMT	296712	131032	15029	38624	132196	22026	380884	1624570	380933	372151
1987 Truck VMT	261245	112833	12812	34613	124061	19100	317881	1479284	359040	315189
1986 Truck VMT	230103	110407	11087	28671	96096	16404	289243	1380225	328391	237341
1985 Truck VMT	230103	88871	12072	30899	109824	18792	302130	1426452	372176	271518
1984 Truck VMT	238754	82805	12319	28374	104231	17559	294970	1347205	466315	292404
Vehicle Kilometers Traveled										
1988 Total VKT	5961627	4219757	109096	258340	818698	141991	2559257	10474167	2449988	2400008
1987 Total VKT	5265175	3636122	93228	232027	769576	122769	2132715	9517137	2308981	2033128
1986 Total VKT	4638369	3555536	81326	192559	593556	105408	1936735	8879116	2115098	1528668
1985 Total VKT	4631404	3572630	97195	206911	679519	120909	2109658	9570305	2397111	1742681
1984 Total VKT	4798553	3334292	99972	207389	699987	112849	2068157	9059889	2256104	1880261
1988 Truck VKT	477766	210988	24199	62193	212862	35467	613300	2615883	613378	599238
1987 Truck VKT	420657	181684	20629	55734	199762	30754	511851	2381943	578127	507518
1986 Truck VKT	370512	177777	17852	46166	154734	26414	465739	2222437	528774	382167
1985 Truck VKT	370512	143101	19439	49754	176839	30258	486489	2296873	599278	437199
1984 Truck VKT	384441	133333	19836	45688	167833	28274	474961	2169269	750860	470830
Accident Data										
1988 Total accidents	8	7	4	4	0	0	2	3	0	2
1987 Total accidents	5	12	0	0	1	1	1	16	0	1
1986 Total accidents	2	12	1	0	1	0	3	9	1	4
1985 Total accidents	5	17	1	0	0	1	4	20	1	2
1984 Total accidents	4	17	3	0	1	1	7	12	0	2
1988 Truck only accidents	0	1	0	0	0	0	1	0	0	0
1987 Truck only accidents	0	0	0	0	0	0	0	3	0	0
1986 Truck only accidents	0	0	0	0	0	0	0	4	0	0
1985 Truck only accidents	0	0	0	0	0	0	1	5	0	0
1984 Truck only accidents	1	0	0	0	0	1	2	4	0	0

Route A - Highway Traffic and Accident History (continued)

		Segment Number									
		2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	4.1	4.2
Accidents / mile											
1988 Total accidents/mi		3.38	8.42	5.93	9.83	0.00	0.00	0.51	0.17	0.00	0.38
1987 Total accidents/mi		2.11	14.44	0.00	0.00	0.72	4.74	0.25	0.88	0.00	0.19
1986 Total accidents/mi		0.84	14.44	1.48	0.00	0.72	0.00	0.76	0.50	0.17	0.77
1985 Total accidents/mi		2.11	20.46	1.48	0.00	0.00	4.74	1.02	1.11	0.17	0.38
1984 Total accidents/mi		1.69	20.46	4.44	0.00	0.72	4.74	1.78	0.66	0.00	0.38
1988 Truck accidents/mi		0.00	1.20	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00
1987 Truck accidents/mi		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00
1986 Truck accidents/mi		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
1985 Truck accidents/mi		0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.28	0.00	0.00
1984 Truck accidents/mi		0.26	0.00	0.00	0.00	0.00	2.94	0.32	0.14	0.00	0.00
Accidents / km											
1988 Total accidents/km		2.10	5.23	3.68	6.10	0.00	0.00	0.32	0.10	0.00	0.24
1987 Total accidents/km		1.31	8.97	0.00	0.00	0.45	2.94	0.16	0.55	0.00	0.12
1986 Total accidents/km		0.52	8.97	0.92	0.00	0.45	0.00	0.47	0.31	0.10	0.48
1985 Total accidents/km		1.31	12.70	0.92	0.00	0.00	2.94	0.63	0.69	0.10	0.24
1984 Total accidents/km		1.05	12.70	2.76	0.00	0.45	2.94	1.11	0.41	0.00	0.24
1988 Truck accidents/km		0.00	0.75	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
1987 Truck accidents/km		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
1986 Truck accidents/km		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
1985 Truck accidents/km		0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.17	0.00	0.00
1984 Truck accidents/km		0.26	0.00	0.00	0.00	0.00	2.94	0.32	0.14	0.00	0.00
Accidents / MVMT											
1988 Total accidents/MVMT		216	267	5904	2493	0	0	126	46	0	134
1987 Total accidents/MVMT		153	531	0	0	209	1312	76	271	0	79
1986 Total accidents/MVMT		69	543	1980	0	271	0	249	163	76	421
1985 Total accidents/MVMT		174	766	1657	0	0	1332	305	336	67	185
1984 Total accidents/MVMT		134	821	4832	0	230	1427	545	213	0	171
Average.....		149	586	2874	499	142	814	260	206	29	198
Standard Deviation....		48	197	2170	997	118	666	165	99	35	117
1988 Truck accidents/MTMT		0	763	0	0	0	0	263	0	0	0
1987 Truck accidents/MTMT		0	0	0	0	0	0	0	203	0	0
1986 Truck accidents/MTMT		0	0	0	0	0	0	0	290	0	0
1985 Truck accidents/MTMT		0	0	0	0	0	0	331	351	0	0
1984 Truck accidents/MTMT		260	0	0	0	0	3537	421	184	0	0
Average.....		52	153	0	0	0	707	203	206	0	0
Standard Deviation....		104	305	0	0	0	1415	173	119	0	0

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route A - Highway Traffic and Accident History (continued)

	Segment Number									
	4.3	4.4	4.5	4.6	5.1	5.2	5.3	5.4	6.1	6.2
Basic Data										
Length in mi (1)	1.288	28.634	64.318	4.722	12.038	38.580	3.766	30.719	6.138	7.038
Length in km (1)	2.074	46.106	103.565	7.603	19.384	62.122	6.064	49.464	9.883	11.333
Functional classification (2)	7	7	7	7	5	5	5	5	1	2
Road class (2)	3	3	3	3	3	3	3	3	3	3
Traffic Data (1)										
1988 Total traffic	370475	224475	226300	286525	463550	392375	392375	410625	3774100	3494875
1987 Total traffic	339450	193450	211700	262800	438000	350400	350400	383250	3520425	3230250
1986 Total traffic	365000	173375	178850	253675	450775	366825	366825	352225	3151775	2826925
1985 Total traffic	383250	175200	164250	246375	445300	308425	308425	350400	3111625	2874375
1984 Total traffic	346750	127750	125925	217175	391280	279955	279955	246375	2956500	2701000
1988 Truck traffic	55480	56210	56575	71540	111325	113880	113880	110960	943525	943525
1987 Truck traffic	51100	48545	52925	65700	105120	101835	101835	103660	880015	872350
1986 Truck Traffic	54750	43435	44895	63510	99280	98915	98915	91615	819425	791685
1985 Truck Traffic	57670	43800	41245	61685	98185	83220	83220	91250	809205	804825
1984 Truck Traffic	52195	32120	31390	54385	74460	75555	75555	64240	709560	621230
Vehicle Miles Traveled										
1988 Total VMT	477172	6427617	14555163	1352971	5580215	15137828	1477684	12613989	23165426	24596930
1987 Total VMT	437212	5539247	13616121	1240942	5272644	13518432	1319606	11773057	21608369	22734500
1986 Total VMT	470120	4964420	11503274	1197853	5426429	14152109	1381463	10820000	19345595	19895898
1985 Total VMT	493626	5016677	10564232	1163383	5360521	11899037	1161529	10763938	19099154	20229851
1984 Total VMT	446614	3657994	8099244	1025500	4710229	10800664	1054311	7568394	18146997	19009638
1988 Truck VMT	71458	1609517	3638791	337812	1340130	4393490	428872	3408580	5791356	6640529
1987 Truck VMT	65817	1390038	3404030	310235	1265435	3928794	383511	3184332	5401532	6139599
1986 Truck VMT	70518	1243718	2887557	299894	1195133	3816141	372514	2816321	5029631	5571879
1985 Truck VMT	74279	1254169	2652796	291277	1181951	3210628	313407	2803109	4966900	5664358
1984 Truck VMT	67227	919724	2018942	256806	896349	2914912	284540	1973389	4355279	4372217
Vehicle Kilometers Traveled										
1988 Total VKT	768342	10349749	23436724	2178554	8985262	24374930	2379367	20311046	37300969	39605977
1987 Total VKT	703998	8919296	21924677	1998164	8490011	21767379	2124830	18956976	34793795	36607091
1986 Total VKT	756987	7993709	18522572	1928783	8737637	22787725	2224432	17422364	31150277	32036375
1985 Total VKT	794837	8077853	17010526	1873279	8631512	19159829	1870293	17332092	30753458	32574106
1984 Total VKT	719138	5890101	13041403	1651261	7584410	17391229	1697651	12186627	29220295	30609319
1988 Truck VKT	115062	2591644	5859181	543945	2157878	7074398	690570	5488496	9325242	10692580
1987 Truck VKT	105978	2238238	5481169	499541	2037603	6326145	617529	5127411	8697547	9885983
1986 Truck VKT	113548	2002634	4649544	482890	1924403	6144750	599822	4531620	8098711	8971840
1985 Truck VKT	119604	2019463	4271532	469014	1903178	5169753	504647	4513566	7997703	9120750
1984 Truck VKT	108249	1480940	3250900	413509	1443302	4693591	458167	3177550	7012871	7040143
Accident Data										
1988 Total accidents	0	6	19	2	4	22	22	8	22	9
1987 Total accidents	0	8	15	0	9	23	23	9	9	13
1986 Total accidents	0	2	7	1	2	12	12	5	12	10
1985 Total accidents	1	8	12	0	4	20	20	15	12	19
1984 Total accidents	1	16	16	0	7	11	11	9	8	12
1988 Truck only accidents	0	0	1	0	1	2	2	0	4	2
1987 Truck only accidents	0	0	4	0	2	0	0	2	1	3
1986 Truck only accidents	0	0	0	0	0	1	1	0	0	2
1985 Truck only accidents	0	1	0	0	1	1	1	0	3	3
1984 Truck only accidents	0	3	4	0	1	1	1	1	2	1

Table 2A-1
Route A - Highway Traffic and Accident History (continued)

		Segment Number									
		4.3	4.4	4.5	4.6	5.1	5.2	5.3	5.4	6.1	6.2
Accidents / mile											
1988 Total	accidents/mi	0.00	0.21	0.30	0.42	0.33	0.57	5.84	0.26	3.58	1.28
1987 Total	accidents/mi	0.00	0.28	0.23	0.00	0.75	0.60	6.11	0.29	1.47	1.85
1986 Total	accidents/mi	0.00	0.07	0.11	0.21	0.17	0.31	3.19	0.16	1.96	1.42
1985 Total	accidents/mi	0.78	0.28	0.19	0.00	0.33	0.52	5.31	0.49	1.96	2.70
1984 Total	accidents/mi	0.78	0.56	0.25	0.00	0.58	0.29	2.92	0.29	1.30	1.71
1988 Truck	accidents/mi	0.00	0.00	0.02	0.00	0.08	0.05	0.53	0.00	0.65	0.28
1987 Truck	accidents/mi	0.00	0.00	0.06	0.00	0.17	0.00	0.00	0.07	0.16	0.43
1986 Truck	accidents/mi	0.00	0.00	0.00	0.00	0.00	0.03	0.27	0.00	0.00	0.28
1985 Truck	accidents/mi	0.00	0.03	0.00	0.00	0.08	0.03	0.27	0.00	0.49	0.43
1984 Truck	accidents/mi	0.00	0.10	0.06	0.00	0.08	0.03	0.27	0.03	0.33	0.14
Accidents / km											
1988 Total	accidents/km	0.00	0.13	0.18	0.26	0.21	0.35	3.63	0.16	2.23	0.79
1987 Total	accidents/km	0.00	0.17	0.14	0.00	0.46	0.37	3.79	0.18	0.91	1.15
1986 Total	accidents/km	0.00	0.04	0.07	0.13	0.10	0.19	1.98	0.10	1.21	0.88
1985 Total	accidents/km	0.48	0.17	0.12	0.00	0.21	0.32	3.30	0.30	1.21	1.68
1984 Total	accidents/km	0.48	0.35	0.15	0.00	0.36	0.18	1.81	0.18	0.81	1.06
1988 Truck	accidents/km	0.00	0.00	0.01	0.00	0.05	0.03	0.33	0.00	0.40	0.18
1987 Truck	accidents/km	0.00	0.00	0.04	0.00	0.10	0.00	0.00	0.04	0.10	0.26
1986 Truck	accidents/km	0.00	0.00	0.00	0.00	0.00	0.02	0.16	0.00	0.00	0.18
1985 Truck	accidents/km	0.00	0.02	0.00	0.00	0.05	0.02	0.16	0.00	0.30	0.26
1984 Truck	accidents/km	0.00	0.07	0.04	0.00	0.05	0.02	0.16	0.02	0.20	0.09
Accidents / MVMT											
1988 Total	accidents/MVMT	0	93	131	148	72	145	1489	63	95	37
1987 Total	accidents/MVMT	0	144	110	0	171	170	1743	76	42	57
1986 Total	accidents/MVMT	0	40	61	83	37	85	869	46	62	50
1985 Total	accidents/MVMT	203	159	114	0	75	168	1722	139	63	94
1984 Total	accidents/MVMT	224	437	198	0	149	102	1043	119	44	63
Average.....		85	175	123	46	100	134	1373	89	61	60
Standard Deviation....		105	138	44	60	51	35	356	35	19	19
1988 Truck	accidents/MTMT	0	0	27	0	75	46	466	0	69	30
1987 Truck	accidents/MTMT	0	0	118	0	158	0	0	63	19	49
1986 Truck	accidents/MTMT	0	0	0	0	0	26	268	0	0	36
1985 Truck	accidents/MTMT	0	80	0	0	85	31	319	0	60	53
1984 Truck	accidents/MTMT	0	326	198	0	112	34	351	51	46	23
Average.....		0	81	69	0	86	27	281	23	39	38
Standard Deviation....		0	126	78	0	52	15	155	28	26	11

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route A - Highway Traffic and Accident History (continued)

	Segment Number									
	6.3	6.4	6.5	7.1	7.2	7.3	8.1	8.2	9.1	9.2
Basic Data										
Length in mi (1)	1.000	1.026	0.669	2.300	4.000	1.026	1.000	0.646	0.580	2.400
Length in km (1)	1.610	1.652	1.077	3.703	6.441	1.652	1.610	1.040	0.934	3.864
Functional classification (2)	2	2	2	3	3	3	4	4	12	12
Road class (2)	3	3	5	6	6	6	5	5	5	5
Traffic Data (1)										
1988 Total traffic	3494875	3261275	3261275	1466935	1466935	1466935	1569500	1569500	3027675	3027675
1987 Total traffic	3230250	3014900	3014900	1282975	1282975	1282975	1520225	1520225	2932775	2932775
1986 Total traffic	2826925	2536750	2536750	970170	970170	970170	1374225	1374225	2726550	2726550
1985 Total traffic	2874375	2445500	2445500	769055	769055	769055	1334075	1334075	2626175	2626175
1984 Total traffic	2701000	2423600	2423600	698610	698610	698610	1251950	1251950	2401700	2401700
1988 Truck traffic	943525	978565	978565	87965	87965	87965	94170	94170	302950	302950
1987 Truck traffic	872350	904470	904470	77015	77015	77015	91250	91250	293460	293460
1986 Truck Traffic	791685	837310	837310	58035	58035	58035	82490	82490	272655	272655
1985 Truck Traffic	804825	807015	807015	45990	45990	45990	79935	79935	262800	262800
1984 Truck Traffic	621230	508810	508810	41975	41975	41975	75190	75190	240170	240170
Vehicle Miles Traveled										
1988 Total VMT	3494875	3346068	2181793	3373951	5867740	1505075	1569500	1013897	1756052	7266420
1987 Total VMT	3230250	3093287	2016968	2950843	5131900	1316332	1520225	982065	1701010	7038660
1986 Total VMT	2826925	2602706	1697086	2231391	3880680	995394	1374225	887749	1581399	6543720
1985 Total VMT	2874375	2509083	1636040	1768827	3076220	789050	1334075	861812	1523182	6302820
1984 Total VMT	2701000	2486614	1621388	1606803	2794440	716774	1251950	808760	1392986	5764080
1988 Truck VMT	943525	1004008	654660	202320	351860	90252	94170	60834	175711	727080
1987 Truck VMT	872350	927986	605090	177135	308060	79017	91250	58948	170207	704304
1986 Truck VMT	791685	859080	560160	133481	232140	59544	82490	53289	158140	654372
1985 Truck VMT	804825	827997	539893	105777	183960	47186	79935	51638	152424	630720
1984 Truck VMT	621230	522039	340394	96543	167900	43066	75190	48573	139299	576408
Vehicle Kilometers Traveled										
1988 Total VKT	5627448	5387839	3513123	5432735	9448235	2423472	2527209	1632577	2827594	11700389
1987 Total VKT	5201349	4980811	3247722	4751447	8263323	2119558	2447866	1581322	2738965	11333650
1986 Total VKT	4551915	4190876	2732647	3592986	6248671	1602784	2212777	1429454	2546369	10536698
1985 Total VKT	4628319	4040125	2634351	2848164	4953329	1270529	2148128	1387690	2452627	10148801
1984 Total VKT	4349150	4003945	2610760	2587274	4499607	1154149	2015890	1302265	2242986	9281322
1988 Truck VKT	1519264	1616653	1054134	325775	566565	145324	151633	97955	282930	1170744
1987 Truck VKT	1404658	1494243	974317	285222	496038	127234	146931	94917	274067	1134070
1986 Truck VKT	1274771	1383291	901970	214930	373792	95878	132825	85805	254637	1053670
1985 Truck VKT	1295929	1333241	869336	170322	296212	75978	128711	83148	245433	1015585
1984 Truck VKT	1000305	840587	548102	155453	270353	69345	121071	78212	224299	928132
Accident Data										
1988 Total accidents	9	3	9	56	56	56	29	29	5	5
1987 Total accidents	13	0	8	48	48	48	28	28	15	15
1986 Total accidents	10	2	7	44	44	44	18	18	5	5
1985 Total accidents	19	1	6	42	42	42	23	23	12	12
1984 Total accidents	12	5	7	32	32	32	23	23	13	13
1988 Truck only accidents	2	0	1	0	0	0	1	1	0	0
1987 Truck only accidents	3	0	0	0	0	0	1	1	0	0
1986 Truck only accidents	2	0	1	1	1	1	0	0	1	1
1985 Truck only accidents	3	0	0	1	1	1	3	3	0	0
1984 Truck only accidents	1	0	0	0	0	0	0	0	0	0

Route A - Highway Traffic and Accident History (continued)

	Segment Number									
	6.3	6.4	6.5	7.1	7.2	7.3	8.1	8.2	9.1	9.2
Accidents / mile										
1988 Total accidents/mi	9.00	2.92	13.45	24.35	14.00	54.58	29.00	44.89	8.62	2.08
1987 Total accidents/mi	13.00	0.00	11.96	20.87	12.00	46.78	28.00	43.34	25.86	6.25
1986 Total accidents/mi	10.00	1.95	10.46	19.13	11.00	42.88	18.00	27.86	8.62	2.08
1985 Total accidents/mi	19.00	0.97	8.97	18.26	10.50	40.94	23.00	35.60	20.69	5.00
1984 Total accidents/mi	12.00	4.87	10.46	13.91	8.00	31.19	23.00	35.60	22.41	5.42
1988 Truck accidents/mi	2.00	0.00	1.49	0.00	0.00	0.00	1.00	1.55	0.00	0.00
1987 Truck accidents/mi	3.00	0.00	0.00	0.00	0.00	0.00	1.00	1.55	0.00	0.00
1986 Truck accidents/mi	2.00	0.00	1.49	0.43	0.25	0.97	0.00	0.00	1.72	0.42
1985 Truck accidents/mi	3.00	0.00	0.00	0.43	0.25	0.97	3.00	4.64	0.00	0.00
1984 Truck accidents/mi	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Accidents / km										
1988 Total accidents/km	5.59	1.86	5.59	34.78	34.78	34.78	18.01	18.01	3.11	3.11
1987 Total accidents/km	8.07	0.00	4.97	29.81	29.81	29.81	17.39	17.39	9.32	9.32
1986 Total accidents/km	6.21	1.24	4.35	27.33	27.33	27.33	11.18	11.18	3.11	3.11
1985 Total accidents/km	11.80	0.62	3.73	26.08	26.08	26.08	14.28	14.28	7.45	7.45
1984 Total accidents/km	7.45	3.11	4.35	19.87	19.87	19.87	14.28	14.28	8.07	8.07
1988 Truck accidents/km	1.24	0.00	0.93	0.00	0.00	0.00	0.62	0.96	0.00	0.00
1987 Truck accidents/km	1.86	0.00	0.00	0.00	0.00	0.00	0.62	0.96	0.00	0.00
1986 Truck accidents/km	1.24	0.00	0.93	0.27	0.16	0.61	0.00	0.00	1.07	0.26
1985 Truck accidents/km	1.86	0.00	0.00	0.27	0.16	0.61	1.86	2.88	0.00	0.00
1984 Truck accidents/km	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Accidents / MVMT										
1988 Total accidents/MVMT	258	90	413	1660	954	3721	1848	2860	285	69
1987 Total accidents/MVMT	402	0	397	1627	935	3646	1842	2851	882	213
1986 Total accidents/MVMT	354	77	412	1972	1134	4420	1310	2028	316	76
1985 Total accidents/MVMT	661	40	367	2374	1365	5323	1724	2669	788	190
1984 Total accidents/MVMT	444	201	432	1992	1145	4464	1837	2844	933	226
Average.....	424	81	404	1925	1107	4315	1712	2650	641	155
Standard deviation....	134	67	22	271	156	608	206	319	282	68
1988 Truck accidents/MTMT	212	0	153	0	0	0	1062	1644	0	0
1987 Truck accidents/MTMT	344	0	0	0	0	0	1096	1696	0	0
1986 Truck accidents/MTMT	253	0	179	749	431	1679	0	0	632	153
1985 Truck accidents/MTMT	373	0	0	945	544	2119	3753	5810	0	0
1984 Truck accidents/MTMT	161	0	0	0	0	0	0	0	0	0
Average.....	268	0	66	339	195	760	1182	1830	126	31
Standard deviation....	79	0	82	420	241	941	1373	2125	253	61

1. N.D.O.T. 1988 Annual Traffic Report

2. N.D.O.T. Record Layout and Description for the Accident Records

Route A - Highway Traffic and Accident History (continued)

	Segment Number						
	9.3	9.4	9.5	9.6	9.7	9.8	9.9
Basic Data							
Length in mi (1)	2.900	1.000	12.650	12.803	1.000	1.000	17.290
Length in km (1)	4.670	1.610	20.369	20.615	1.610	1.610	27.840
Functional classification (2)	12	3	3	3	3	3	3
Road class (2)	5	5	5	5	5	5	5
Traffic Data (1)							
1988 Total traffic	3027675	1801275	1801275	1527525	1527525	1282975	1282975
1987 Total traffic	2932775	1700900	1700900	1496500	1496500	1241000	1241000
1986 Total traffic	2726550	1631550	1631550	1483725	1483725	1237350	1237350
1985 Total traffic	2626175	1540300	1540300	1387000	1387000	1178950	1178950
1984 Total traffic	2401700	1387000	1387000	1241000	1241000	1144275	1144275
1988 Truck traffic	302950	306235	306235	244550	244550	205130	205130
1987 Truck traffic	293460	289080	289080	239440	239440	136510	136510
1986 Truck Traffic	272655	277400	277400	237250	237250	136145	136145
1985 Truck Traffic	262800	246375	246375	208050	208050	129575	129575
1984 Truck Traffic	240170	221920	221920	186150	186150	125925	125925
Vehicle Miles Traveled							
1988 Total VMT	8780258	1801275	22786129	19556903	1527525	1282975	22182638
1987 Total VMT	8505048	1700900	21516385	19159690	1496500	1241000	21456890
1986 Total VMT	7906995	1631550	20639108	18996131	1483725	1237350	21393782
1985 Total VMT	7615908	1540300	19484795	17757761	1387000	1178950	20384046
1984 Total VMT	6964930	1387000	17545550	15888523	1241000	1144275	19784515
1988 Truck VMT	878555	306235	3873873	3130974	244550	205130	3546698
1987 Truck VMT	851034	289080	3656862	3065550	239440	136510	2360258
1986 Truck VMT	790700	277400	3509110	3037512	237250	136145	2353947
1985 Truck VMT	762120	246375	3116644	2663664	208050	129575	2240352
1984 Truck VMT	696493	221920	2807288	2383278	186150	125925	2177243
Vehicle Kilometers Traveled							
1988 Total VKT	14137971	2900413	36690225	31490525	2459621	2065846	35718483
1987 Total VKT	13694827	2738789	34645683	30850932	2409664	1998258	34549884
1986 Total VKT	12731843	2627122	33233091	30587570	2389094	1992381	34448267
1985 Total VKT	12263134	2480191	31374417	28593547	2233347	1898345	32822390
1984 Total VKT	11214930	2233347	28251845	25583700	1998258	1842512	31857026
1988 Truck VKT	1414649	493100	6237710	5041494	393774	330300	5710893
1987 Truck VKT	1370335	465477	5888279	4936149	385546	219808	3800487
1986 Truck VKT	1273184	446669	5650369	4891001	382020	219221	3790326
1985 Truck VKT	1227166	396713	5018420	4289032	335002	208642	3607414
1984 Truck VKT	1121493	357336	4520295	3837555	299739	202764	3505797
Accident Data							
1988 Total accidents	5	20	20	13	13	22	22
1987 Total accidents	15	19	19	23	23	12	12
1986 Total accidents	5	20	20	17	17	18	18
1985 Total accidents	12	16	16	13	13	23	23
1984 Total accidents	13	19	19	13	13	18	18
1988 Truck only accidents	0	2	2	0	0	0	0
1987 Truck only accidents	0	0	0	3	3	0	0
1986 Truck only accidents	1	0	0	1	1	0	0
1985 Truck only accidents	0	1	1	1	1	0	0
1984 Truck only accidents	0	2	2	0	0	2	2

Route A - Highway Traffic and Accident History (continued)

	Segment Number						
	9.3	9.4	9.5	9.6	9.7	9.8	9.9
Accidents / mile							
1988 Total accidents/mi	1.72	20.00	1.58	1.02	13.00	22.00	1.27
1987 Total accidents/mi	5.17	19.00	1.50	1.80	23.00	12.00	0.69
1986 Total accidents/mi	1.72	20.00	1.58	1.33	17.00	18.00	1.04
1985 Total accidents/mi	4.14	16.00	1.26	1.02	13.00	23.00	1.33
1984 Total accidents/mi	4.48	19.00	1.50	1.02	13.00	18.00	1.04
1988 Truck accidents/mi	0.00	2.00	0.16	0.00	0.00	0.00	0.00
1987 Truck accidents/mi	0.00	0.00	0.00	0.23	3.00	0.00	0.00
1986 Truck accidents/mi	0.34	0.00	0.00	0.08	1.00	0.00	0.00
1985 Truck accidents/mi	0.00	1.00	0.08	0.08	1.00	0.00	0.00
1984 Truck accidents/mi	0.00	2.00	0.16	0.00	0.00	2.00	0.12
Accidents / km							
1988 Total accidents/km	3.11	12.42	12.42	8.07	8.07	13.66	13.66
1987 Total accidents/km	9.32	11.80	11.80	14.28	14.28	7.45	7.45
1986 Total accidents/km	3.11	12.42	12.42	10.56	10.56	11.18	11.18
1985 Total accidents/km	7.45	9.94	9.94	8.07	8.07	14.28	14.28
1984 Total accidents/km	8.07	11.80	11.80	8.07	8.07	11.18	11.18
1988 Truck accidents/km	0.00	1.24	0.10	0.00	0.00	0.00	0.00
1987 Truck accidents/km	0.00	0.00	0.00	0.15	1.86	0.00	0.00
1986 Truck accidents/km	0.21	0.00	0.00	0.05	0.62	0.00	0.00
1985 Truck accidents/km	0.00	0.62	0.05	0.05	0.62	0.00	0.00
1984 Truck accidents/km	0.00	1.24	0.10	0.00	0.00	1.24	0.07
Accidents / MVMT							
1988 Total accidents/MVMT	57	1110	88	66	851	1715	99
1987 Total accidents/MVMT	176	1117	88	120	1537	967	56
1986 Total accidents/MVMT	63	1226	97	89	1146	1455	84
1985 Total accidents/MVMT	158	1039	82	73	937	1951	113
1984 Total accidents/MVMT	187	1370	108	82	1048	1573	91
Average.....	128	1172	93	86	1104	1532	89
Standard deviation....	56	115	9	19	238	327	19
1988 Truck accidents/MTMT	0	653	52	0	0	0	0
1987 Truck accidents/MTMT	0	0	0	98	1253	0	0
1986 Truck accidents/MTMT	126	0	0	33	421	0	0
1985 Truck accidents/MTMT	0	406	32	38	481	0	0
1984 Truck accidents/MTMT	0	901	71	0	0	1588	92
Average.....	25	392	31	34	431	318	18
Standard deviation....	51	356	28	36	458	635	37

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Appendix 2-C

Route: A (From Wendover via Las Vegas)

Bridges and Culverts

Bridge	US93ALT	1.032 miles from start of section 1. Steel Stringer/Concrete Tee Beam G-132 Length: 134' Width: 28' 2 lanes
Culvert	US93ALT	9.864 miles from start of section 1. Double 10'X6' RCB B-621
Culvert	US93ALT	15.629 miles from start of section 1. Triple 10'X6' RCB B-617
Bridge	US93ALT	17.859 from start of section 1. Double 144 spp M-616
Bridge	US93	58.200 miles from start of section 2. Steel frame G-384 Length: 176.54' Width: 34' to 44' 2 lanes
Culvert	US6	20.631 miles from start of section 3. Triple 10'X6' RCB B-665
Culvert	SR318	49.900 miles from start of section 4. Triple 10'X8' RCB B-1302
Culvert	US93	5.655 miles from start of section 5. Double 10'X3' RCB B-1285
Culvert	US93	44.102 miles from start of section 5. Double 10'X6' RCB B-1137
Culvert	US93	44.387 miles from start of section 5. B-1136
Culvert	US93	84.101 miles from start of section 5. Double 10'X4' RCB B-1115
Culvert	I-15	2.263 miles from start of section 6. Double 12'X5' RCB B-1072
Culvert	I-15	3.328 miles from start of section 6. Double 10'X3' RCB B-1070
Interchange	I-15	6.143 miles from start of section 6. I-969
Culvert	I-15	6.236 miles from start of section 6. Triple 10'X5' RCB B-1052
Culvert	I-15	7.921 miles from start of section 6. Double 12'X5' RCB B-1021

Route: A (From Wendover via Las Vegas)

Bridges and Culverts (cont)

Culvert	I-15	8.154 miles from start of section 6. Triple 12'X5' RCB B-967
Culvert	I-15	9.066 miles from start of section 6. Double 12'X4' RCB B-596
Culvert	I-15	9.797 miles from start of section 6. Triple 12'X4' RCB B-966
Culvert	I-15	10.253 miles from start of section 6. Double 10'X3' RCB B-1043
Bridge	I-15	10.652 miles from start of section 6. G-965 (bridge over RR)
Culvert	I-15	11.080 miles from start of section 6. Double 10'X4' RCB B-964
Culvert	I-15	11.567 miles from start of section 6. Triple 12'X4' RCB B-963
Culvert	I-15	12.550 miles from start of section 6. Double 12'X4' RCB B-962
Bridge	I-15	12.798 miles from start of section 6. G-961 (bridge over RR)
Culvert	I-15	.188 miles from start of section 6. B-976
Bridge	I-15	.365 miles from start of section 6. G-958 (bridge over RR)
Culvert	US95	4.983 miles from start of section 9. Double 10'X14' RCB B-1078
Culvert	US95	7.559 miles from start of section 9. Double 10'X4' RCB B-1081
Culvert	US95	8.479 miles from start of section 9. Triple 10'X4' RCB B-1083
Culvert	US95	13.150 miles from start of section 9. Double 10'X4' RCB B-1085
Culvert	US95	13.546 miles from start of section 9. Double 10'X4' RCB B-1056
Culvert	US95	50.100 miles from start of section 9. Double 10'X10' RCB B-1106

Railroad Crossings/Overpasses/Underpasses

Overpass	US93ALT	1.032 miles from start of section 1. WPRR Overpass (road goes over RR) G-132
Crossing	US93	48.945 miles from start of section 2. NNRR Crossing 855-878-T
Crossing	US93	50.501 miles from start of section 2. NNRR Crossing 855-906-U
Overpass	US93	58.200 miles from start of section 2. NNRR Overpass (road goes over RR) G-1041
Underpass	I-15	3.986 miles from start of section 6. UPRR Underpass (road goes under RR)
Overpass	I-15	10.652 miles from start of section 6. Navy RR Overpass (road goes over RR) G-965
Overpass	I-15	12.798 miles from start of section 6. Nellis RR Overpass (road goes over RR) G-961
Overpass	I-15	.365 miles from start of section 6. UPRR spur Overpass (road goes over RR) G-958
Crossing	Craig Rd	0.284 miles from start of section 7. UPRR grade crossing

Route A: Posted speed limit by segment

Segment	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
MPH	65	35	35	55	55	55	55	55	25	55	55	35	25/35
Distance	0.775	0.114	0.278	58.891	14.208	6.021	21.927	4.616	1.154	8.184	2.37	0.831	0.675
Travel T.	0.012	0.003	0.008	1.071	0.258	0.109	0.399	0.084	0.046	0.149	0.043	0.024	0.023
Segment	3.1	3.2	3.3	3.4	3.5	4.1	4.2	4.3	4.4	4.5	4.6	5.1	5.2
MPH	35/55	55	55	55	55	55	55	55	55	55	55	55	55
Distance	0.407	1.393	0.211	3.923	18.093	5.998	5.202	1.288	28.634	64.318	4.722	12.038	38.56
Travel T.	0.009	0.025	0.004	0.071	0.329	0.109	0.095	0.023	0.521	1.169	0.086	0.219	0.702
Segment	5.3	5.4	6.1	6.2	6.3	6.4	6.5	7.1	7.2	7.3	8.1	8.2	9.1
MPH	55	55	65	65	55/65	55	55	35/45	35/45	35/45	45/55	45/55	55
Distance	3.766	30.719	6.138	7.038	1.00	1.026	0.669	2.3	4.00	1.026	1.00	0.646	0.58
Travel T. (hour)	0.068	0.559	0.094	0.108	0.017	0.019	0.012	0.058	0.100	0.026	0.020	0.013	0.011
Segment	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9					
MPH	55	55	55	55	55	35	35	55/65					
Distance	2.4	2.9	1.00	12.65	12.803	1.00	1.00	17.29					
Travel T. (hour)	0.044	0.053	0.018	0.230	0.233	0.029	0.029	0.288					

Total Travel Time: 7.62 Hours

In Wendover	35 MPH		
In McGill	35 MPH	On US93alt	55 MPH
In Ely	25/35 MPH	On US93alt	55 MPH
		On US6	55 MPH
		On SR 318	55 MPH
		On US93	55 MPH
		On I-15	55/65 MPH
In Las Vegas			
Craig Rd	35/45 MPH		
Rancho Rd	45/55 MPH		
In Indian Springs	35 MPH	On US95	55 MPH
		On US95	55/65 MPH

Appendix 2-D

Hazardous Shipments and Inventories

Miles of High-Pressure Natural Gas Pipeline Within Corridor

Route A: (From Wendover via Las Vegas)

Corridor							#
Segment	1/2	1	2	6	10	20 crossings	
6.2	1	1	3.376	7.038	7.038	7.038	1
6.3	0	0	1	2	2	2	
6.4	0	1.026	2.052	2.052	2.052	2.052	
6.5	0.911	1.338	1.338	1.338	1.338	1.338	1
7.1	0.5	2.8	3.387	4.08	4.6	4.6	1
7.2	0	4	4	4	4.28	6.253	
7.3	0	1.026	1.026	1.026	1.026	1.026	
8.1	0.587	1	1	1	1	1	1
8.2	0	0	0	0.5	0.646	0.646	
9.1	0	0	0.467	0.467	0.467	0.467	
Totals	2.998	12.19	17.646	23.501	24.447	26.42	4

Route B: (From Wendover via Tonopah)

No pipeline lies within any corridor of Route B or crosses any part of Route B.

Miles of High-Pressure Natural Gas Pipeline Within Corridor

Route: I-15 to US 95 from Arizona

Segment	Corridor						# crossings
	1/2	1	2	6	10	20	
1.19	1.982	1.982	1.982	1.982	1.982	3.964	
1.20	1.722	1.722	1.722	1.722	1.722	3.444	
1.21	1.238	1.238	1.238	1.238	1.238	2.476	1
1.22	0.575	0.575	0.575	0.575	0.575	1.15	
2.1	0.352	0.352	0.352	0.352	0.352	0.704	
2.2	0	0	0.521	0.721	0.721	1.442	
2.3	0	0	0	1.049	1.049	2.098	
2.4	0	0	0	0	0.784	1.568	
2.5	0	0	0	0	0.995	1.99	
2.6	0	0	0	0	2.336	2.336	
2.7	0	0	0	0	0	1.678	
2.8	0	0	0	2.036	2.036	2.036	
2.9	0	0	1.032	1.032	1.032	1.032	
2.10	0	0	1.024	1.024	1.024	1.024	
2.11	0	0	0.512	0.512	0.512	0.512	
2.12	0	0	0.508	0.508	0.508	0.508	
2.13	0.33	0.33	0.928	0.928	0.928	0.928	
2.14	0	0	0.467	0.467	0.467	0.467	
Totals	6.199	6.199	10.861	14.146	18.261	29.357	1

Miles of High-Pressure Natural Gas Pipeline Within Corridor

Route: I-15 to US 95 from California

Segment	Corridor						# crossings
	1/2	1	2	6	10	20	
1.1	0	0	0.372	0.372	0.372	0.372	
1.2	0	0	12.100	12.200	12.200	12.200	
1.3	0	4.64	6.56	12.897	12.897	12.897	
1.4	0	0	0	2.316	2.316	2.316	
1.5	0	1	2.44	4.589	4.589	5.589	1
1.6	0	0	0	1.123	1.123	2.246	
1.7	0	0	0	1.393	1.393	2.786	
1.8	0.330	0.830	0.830	4.936	4.936	4.936	1
1.9	0	0.250	0.990	0.990	0.990	1.980	
1.10	0.781	0.781	0.781	0.781	0.781	1.562	1
1.11	0	0.779	0.779	0.779	0.779	1.558	
1.12	0.580	0.580	0.580	0.580	0.580	1.160	
1.13	1.203	1.203	1.203	1.203	1.203	2.406	
1.14	1.176	1.176	1.176	1.176	1.176	2.352	
2.1	0.352	0.352	0.352	0.352	0.352	0.704	
2.2	0	0	0.521	0.721	0.721	1.442	
2.3	0	0	0	1.049	1.049	2.098	
2.4	0	0	0	0	0.784	1.568	
2.5	0	0	0	0	0.995	1.99	
2.6	0	0	0	0	2.336	2.336	
2.7	0	0	0	0.800	0.800	1.678	
2.8	0	0	0	2.036	2.036	2.036	
2.9	0	0	1.032	1.032	1.032	1.032	
2.10	0	0	1.024	1.024	1.024	1.024	
2.11	0	0	0.512	0.512	0.512	0.512	
2.12	0	0	0.508	0.508	0.508	0.508	
2.13	0.330	0.330	0.928	0.928	0.928	0.928	
2.14	0	0	0.467	0.467	0.467	0.467	
Totals	4.7	11.9	33.2	54.8	58.9	72.7	3

Hazmat Trucks per Day Along Routes

Route A: (From Wendover via Las Vegas)

Segment	Category of Hazardous Materials								Daily	
	1	2	3	4	5	6	7	8	9	Total
1.1	4.4	1.7	29.5	1.0	2.0	0.7	0	17.6	5.1	62
1.3	0	3.0	31.5	0	0	0	0	0	1.5	36
1.4	0	3.0	31.5	0	0	0	0	0	1.5	36
2.1	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.2	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.3	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.4	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.5	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.6	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.7	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.8	0	0.9	13.4	0	0.4	0.4	0	0	0.9	16
2.9	0	0.9	14.7	0	0.4	0.4	0	0.7	0.9	18
3.1	0	1.1	9.6	0	0.6	0.6	0	0	1.1	13
3.2	0	1.1	9.6	0	0.6	0.6	0	0	1.1	13
3.3	0	1.1	9.6	0	0.6	0.6	0	0	1.1	13
3.4	0	1.1	9.6	0	0.6	0.6	0	0	1.1	13
3.5	0	1.1	9.6	0	0.6	0.6	0	0	1.1	13
4.1	0	0	7.6	0	0.8	0.8	0	0	1.7	11
4.2	0	0	7.6	0	0.8	0.8	0	0	1.7	11
4.3	0	0	7.6	0	0.8	0.8	0	0	1.7	11
4.4	0	0	7.6	0	0.8	0.8	0	0	1.7	11
4.5	0	0	7.6	0	0.8	0.8	0	0	1.7	11
4.6	0	0	7.6	0	0.8	0.8	0	0	1.7	11
5.1	0	0	8.3	0	0.9	0.9	0	0	1.8	12
5.2	0	0	8.3	0	0.9	0.9	0	0	1.8	12
5.3	0	0	8.3	0	0.9	0.9	0	0	1.8	12
5.4	0	0	8.3	0	0.9	0.9	0	0	1.8	12
6.2	0.8	1.7	41.7	0	1.7	0.8	6.7	16.7	5.9	76
6.3	0.8	1.7	41.7	0	1.7	0.8	6.7	16.7	5.9	76
6.4	0.8	1.7	41.7	0	1.7	0.8	6.7	16.7	5.9	76
6.5	0.8	1.7	41.7	0	1.7	0.8	6.7	16.7	5.9	76
9.1	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.2	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.3	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.4	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.5	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.6	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.7	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.8	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24
9.9	1.1	1.7	13.4	0	0.2	0	3.7	2.6	1.3	24

Hazmat Trucks per Day Along Routes

Route B: (From Wendover via Tonopah)

Segment	Category of Hazardous Material									Daily Total
	1	2	3	4	5	6	7	8	9	
1.1	4.4	1.7	29.5	1.0	2.0	0.7	0.0	17.6	5.1	62
1.3	0.0	3.0	31.5	0.0	0.0	0.0	0.0	0.0	1.5	36
1.4	0.0	3.0	31.5	0.0	0.0	0.0	0.0	0.0	1.5	36
2.1	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.2	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.3	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.4	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.5	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.6	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.7	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.8	0.0	0.9	13.4	0.0	0.4	0.4	0.0	0.0	0.9	16
2.9	0.0	0.9	14.7	0.0	0.4	0.4	0.0	0.7	0.9	18
3.1	0.0	1.1	9.6	0.0	0.6	0.6	0.0	0.0	1.1	13
3.2	0.0	1.1	9.6	0.0	0.6	0.6	0.0	0.0	1.1	13
3.3	0.0	1.1	9.6	0.0	0.6	0.6	0.0	0.0	1.1	13
3.4	0.0	1.1	9.6	0.0	0.6	0.6	0.0	0.0	1.1	13
3.5	0.0	1.1	9.6	0.0	0.6	0.6	0.0	0.0	1.1	13
3.6	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.7	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.8	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.9	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.10	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.11	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.12	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.13	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
3.14	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
4.1	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.2	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.3	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.4	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.5	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.6	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.7	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.8	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.9	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.10	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.11	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.12	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.13	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.14	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
4.15	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14

Hazmat Trucks per Day Along Routes

Route: I-15 to US 95 from Arizona

Category of Hazardous Material

Segment	1	2	3	4	5	6	7	8	9	Daily Total
1.1	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.2	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.3	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.4	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.5	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.6	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.7	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.8	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.9	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.10	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.11	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.12	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.13	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.14	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.15	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.16	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.17	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.18	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.19	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.20	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.21	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
1.22	0.8	1.7	41.7	0.0	1.7	0.8	6.7	16.7	5.9	76
2.1	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.2	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.3	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.4	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.5	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.6	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.7	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.8	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.9	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.10	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.22	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.12	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.13	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.14	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.15	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.16	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.17	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.18	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.19	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.20	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.21	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.22	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24

HAZMAT Trucks per Day Along Routes

Route: 1-15 to US 95 from California

Category of Hazardous Material

Segment	1	2	3	4	5	6	7	8	9	Daily Totals
1.1	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.2	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.3	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.4	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.5	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.6	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.7	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.8	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.9	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.10	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.11	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.12	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.13	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
1.14	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117
2.1	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.2	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.3	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.4	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.5	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.6	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.7	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.8	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.9	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.10	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.22	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.12	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.13	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.14	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.15	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.16	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.17	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.18	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.19	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.20	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.21	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24
2.22	1.1	1.7	13.4	0.0	0.2	0.0	3.7	2.6	1.3	24

Hazmat Trucks per Day Crossing Routes

Route A: (From Wendover via Las Vegas)

none

Route B: (From Wendover via Tonopah)

Category of Hazardous Material

Segment	1	2	3	4	5	6	7	8	9	Daily Total
4.1	2.394	0.4	12.2	0.2	0.2	0.0	0.0	2.394	0.2	18

Route: I-15 to US 95 from Arizona

Category of Hazardous Material

Segment	1	2	3	4	5	6	7	8	9	Daily Total
2.1	3.7	3.7	36.9	0.0	0.9	0.0	8.3	14.8	3.7	72

Route: I-15 to US 95 from California

Category of Hazardous Material

Segment	1	2	3	4	5	6	7	8	9	Daily Total
1.5	0	7.014	0	0	0	0	0	34.98	0	42
1.7	0	0	8.0	0	0	0	0	0	0	8
2.1	3.7	3.7	36.9	0	0.9	0	8.3	14.8	3.7	72

Hazardous Material Shipments (tons per day)

Route A: (From Wendover via Las Vegas)

Segment	Category Of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
1.1	76.6	67.2	599.0	27.4	54.3	20.1	0.0	449.0	91.5	1385.1
1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	0.0	95.0	1048.9	0.0	0.0	0.0	0.0	0.0	27.5	1171.4
1.4	0.0	95.0	1048.9	0.0	0.0	0.0	0.0	0.0	27.5	1171.4
2.1	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.2	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.3	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.4	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.5	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.6	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.7	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.8	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.9	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
3.1	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.2	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.3	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.4	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.5	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
4.1	0.0	0.0	245.9	0.0	16.9	15.0	0.0	0.0	30.8	308.6
4.2	0.0	0.0	245.9	0.0	16.9	15.0	0.0	0.0	30.8	308.6
4.3	0.0	0.0	245.9	0.0	16.9	15.0	0.0	0.0	30.8	308.6
4.4	0.0	0.0	245.9	0.0	16.9	15.0	0.0	0.0	30.8	308.6
4.5	0.0	0.0	245.9	0.0	16.9	15.0	0.0	0.0	30.8	308.6
4.6	0.0	0.0	245.9	0.0	16.9	15.0	0.0	0.0	30.8	308.6
5.1	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
5.2	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
5.3	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
5.4	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
6.1	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
6.2	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
6.3	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
6.4	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
6.5	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Hazardous Material Shipments (tons per day)

Route A: (From Wendover via Las Vegas, cont.)

Segment	Category Of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
9.1	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.2	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.3	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.4	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.5	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.6	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.7	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.8	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
9.9	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8

Total for Route A: 5,916 tons/day

Hazardous Material Shipments (tons per day)

Route B: (From Wendover via Tonopah)

Category of Hazardous Material

Segment	1	2	3	4	5	6	7	8	9	total
1.1	76.6	67.2	599.0	27.4	54.3	20.1	0.0	449.0	91.5	1385.1
1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	0.0	95.0	1048.9	0.0	0.0	0.0	0.0	0.0	27.5	1171.4
1.4	0.0	95.0	1048.9	0.0	0.0	0.0	0.0	0.0	27.5	1171.4
2.1	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.2	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.3	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.4	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.5	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.6	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.7	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.8	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
2.9	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
3.1	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.2	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.3	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.4	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.5	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.6	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.7	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.8	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.9	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.10	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.11	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.12	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.13	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
3.14	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
4.1	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.2	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.3	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.4	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.5	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.6	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.7	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.8	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.9	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.10	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.11	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.12	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.13	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.14	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
4.15	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8

Total for Route B: 3,682

Hazardous Material Shipments (tons per day)

Route: I-15 to US 95 from Arizona

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
1.1	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.2	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.3	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.4	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.5	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.6	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.7	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.8	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.9	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.10	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.11	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.12	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.13	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.14	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.15	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.16	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.17	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.18	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.19	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.20	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.21	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.22	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
2.1	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.2	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.3	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.4	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.5	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.6	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.7	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.8	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.9	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.10	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.11	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.12	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.13	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.14	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.15	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.16	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.17	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.18	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.19	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.20	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.21	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.22	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8

Total for I-15 North: 2,291

Hazardous Material Shipments (tons per day)

Route: I-15 to US 95 from California

Category of Hazardous Material

Segment	1	2	3	4	5	6	7	8	9	Total
1.1	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.2	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.3	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.4	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.5	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.6	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.7	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.8	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.9	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.10	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.11	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.12	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.13	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
1.14	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
2.1	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.2	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.3	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.4	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.5	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.6	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.7	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.8	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.9	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.10	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.11	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.12	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.13	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.14	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.15	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.16	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.17	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.18	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.19	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.20	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.21	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
2.22	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8

Total for I-15 South: 2,291

Appendix 2-E

Route: A (From Wendover via Las Vegas)

Population Density

Population density along route A within 0.5 mile corridor

Segment	Location	(a) Cumulative		(b)	Total Pop (a)*(b)	Segment Number	County
		Segment Distance (mile)	dist. fr entry to Destinat.	Segment Pop per sq. mi.			
1.10	I-80 Utah to W Wendover Int.	0.775	0.775	11.78	9.13	1.1	Elko
1.20	I-80 Wendover Int S Jct Old US 40	0.114	0.889	11.78	1.34	1.2	
1.30	Jct Old US40 E to SR 224	0.278	1.167	11.78	3.27	1.3	
1.40	SR 224 S to Lage's Jct.	58.891	60.058	11.78	693.74	1.4	Elko
2.10	Lage's Jct S to SR 489	14.208	74.266	4.15	58.96	2.1	White Pine
2.20	SR 489 S to Schellbourne Rd.	6.021	80.287	4.15	24.99	2.2	
2.30	Schellbourne Rd. S to SR 486	21.927	102.214	4.15	91.00	2.3	
2.40	SR 486 S to North McGill	4.616	106.830	4.15	19.16	2.4	
2.50	North McGill to South McGill	1.154	107.984	4.15	4.79	2.5	
2.60	South McGill S to Ely Airport	8.184	116.168	4.15	33.96	2.6	
2.70	Ely Airport S to East Ely	2.370	118.538	220.29	522.09	2.7	
2.80	East Ely to West Ely	0.831	119.369	1738.00	1444.28	2.8	
2.90	Ely South to Jct US6/US95	0.675	120.044	1738.00	1173.15	2.9	
3.10	Jct US6/US95 in Ely West to ECL of Ely	0.407	120.451	1738.00	707.37	3.1	
3.20	ECL of Ely West to Murry St/US6	1.393	121.844	1738.00	2421.03	3.2	
3.30	Murry St/US6 S to SCL of Ely	0.211	122.055	4.15	0.88	3.3	
3.40	SCL of Ely South to War. Mt Rd.	3.923	125.978	4.15	16.28	3.4	
3.50	War Mt Rd. South Jct SR318/US6	18.093	144.071	4.15	75.09	3.5	
4.10	SR 318/US6 East to Preston	5.998	150.069	4.15	24.89	4.1	
4.20	Preston East to North Lund	5.202	155.271	4.15	21.59	4.2	
4.30	North Lund to South Lund	1.288	156.559	4.15	5.35	4.3	White Pine
4.40	South Lund South to Sunnyside	28.634	185.193	11.59	331.87	4.4	Nye
4.50	Sunnyside South to Hiko	64.318	249.511	1.15	73.97	4.5	Lincoln
4.60	Hiko South to Jct 318/US93	4.722	254.233	1.15	5.43	4.6	
5.10	Jct318/US93 South to Alamo	12.038	266.271	1.15	13.84	5.1	
5.20	Alamo to Lincoln/Clark Co. Line	38.580	304.851	1.15	44.37	5.2	Lincoln
5.30	Lincoln/Clark Co. Line S to Jct SR168/US93	3.766	308.617	0.00	0.00	5.3	Clark
5.40	Jct SR168/US93 S to I-15 Int.	30.719	339.336	0.00	0.00	5.4	
6.10	US95/I-15 West to Apex Int/I-15	6.138	345.474	0.00	0.00	6.1	
6.20	Apex Int W to 13.176 mi from start of sect. 6	7.038	352.512	0.00	0.00	6.2	
6.30	13.176 mi from start of sect. 6 to Lamb/I-15	1.000	353.512	2.00	2.00	6.3	
6.40	Lamb Int W to MLV city limit/I-15	1.026	354.538	0.00	0.00	6.4	
6.50	MLV city limit W to Craig/I-15	0.669	355.207	679.10	454.32	6.5	
7.10	Craig Rd Int W to 2.3 mile fr start of Sect7	2.300	357.507	0.00	0.00	7.1	
7.20	2.3 mi fr start of Sect7 W to 6.3 mi Sect7	4.000	361.507	46.00	184.00	7.2	
7.30	6.3 mi Sect7 W to Jct Craig/Tonopah Hwy	1.026	362.533	1498.66	1537.63	7.3	
8.10	Craig/Tonopah Hwy N to 1.0 mile from Sect8	1.000	363.533	1498.66	1498.66	8.1	
8.20	1.0 mile from Sect8 N to Tonopah Hwy/US95	0.646	364.179	399.79	258.27	8.2	
9.10	Tonopah Hwy/US95 N to 0.467 mile Section 9	0.467	364.646	399.79	186.70	9.1	
9.20	0.467 mi Sect9 N to 2.867 mi from Sect9	2.400	367.046	31.76	76.22	9.2	
9.30	2.867 mi from Sect9 N to FAU613(SR157)/US95	2.900	369.946	5.83	16.92	9.3	
9.40	FAU613(SR157)/US95 N to 6.767mi from Sect9	1.000	370.946	5.83	5.83	9.4	
9.50	6.767mi from Sect9 N to SR156/US95	12.650	383.596	0.00	0.00	9.5	
9.60	SR156/US95 N to 32.22 mi from start of Sect9	12.803	396.399	0.00	0.00	9.6	
9.70	32.22 mi of Sect9 to Indian Spr Air Base Rd	1.000	397.399	394.35	394.35	9.7	
9.80	Indian Spr Air Base Rd N to 33.22mi of Sect9	1.000	398.399	394.35	394.35	9.8	Clark
9.90	33.22mi of Sect9 W to Mercury Int/US95	17.290	415.689	0.00	0.00	9.9	Nye
		415.689			12831		

Source: Population statistic from 1989 Nevada Department of Taxation
Source: Clark County Department of Comprehensive Planning 1988
(for route within Clark County)

ROUTE A: August 10, 1990

Pop based on 1989 Nv. Dept of Taxation Projection

$$Pr = (Mr/Mt) * (Pt - Pc)$$

$$Pd = Pr / (Mr * 0.5)$$

where:

Pt = Total Population in County
Pc = Total Population in County's Cities/Towns
Mt = Total County Improved Roads
Mr = Total miles of Route-A in County
Pr = Population within 0.5 mile-wide corridor Outside of Cities/Towns
Pd = Population Density for Pr (person/Sq Mile)

Population Density for areas outside of cities/towns in Nevada

County	Total Pop in County (Pt)	Name of Cities	Tot Pop in Co. Cities (Pc)	Tot Co. roads (Mt)	Total A- Route in county (Mr)	Pop in 1/4mi BW O/cities (Pr)	Pop Den. #/Sq Mi (Pd)
Nye	17980	Gabbs Tonopah Beatty Pahrump	780 2680 925 5346	1423.41	65.00	376.69	11.59
			9731				
Clark	733180	Las Vegas	397320	3502.42	100.71	9657.07	N/Apply
Lincoln	4330	Caliente Panaca Pioche Alamo	1160 758 794 1126	852.18	86.00	49.65	1.15
			3838				
WhitePine	8830	Ely	5190	1754.86	112.50	233.35	4.15
Elko	33210	Elko Carlin Wells	16700 2150 1400	2199.53	55.06	324.41	11.78
			20250				
Esmeralda	1240	Goldfield	500	315.37	Not Incl	N/Apply	N/Apply
						10641	

Appendix 2-F

Route: A (From Wendover via Las Vegas)

Non-Resident Population Estimation

ID	# ROOMS	DIST FROM ROUTE	BAND WIDTH	# ROOMS IN BAND	PERCENT
-	-	-	0-1/4 mile	0	0.00
-	-	-	1/4-1/2 mile	0	0.00
-	-	-	0-1/2 mile	0	0.00
-	-	-	1/2-1 mile	0	0.00
-	-	-	0-1 mile	0	0.00
81	52	4			
92	16	4			
112	32	4			
155	10	4			
172	16	4			
195	8	4			
232	17	4			
240	110	4			
264	53	4			
-----			1-3 miles	314	0.21
	314		0-3 miles	314	0.21
6	379	5			
10	650	5			
15	308	5			
17	652	5			
19	720	5			
22	109	5			
23	106	5			
24	1917	5			
28	161	5			
32	796	5			
34	212	5			
45	435	5			
52	452	5			
61	1038	5			
69	40	5			
70	62	5			
75	102	5			
76	95	5			
82	56	5			
94	81	5			
100	30	5			
104	150	5			
107	154	5			
110	147	5			
121	10	5			
123	200	5			
129	46	5			
148	71	5			
166	19	5			
170	20	5			
178	28	5			
184	11	5			
187	48	5			
188	14	5			
189	111	5			
193	82	5			
197	102	5			
229	30	5			
231	58	5			
248	46	5			
251	57	5			
260	30	5			
265	31	5			
269	43	5			
-----			3-5 miles	9909	6.67
	10223		0-5 miles	10223	6.88

(Note, band width is one-half of corridor width)

Route: A (From Wendover via Las Vegas)

Non-Resident Population Estimation (cont)

ID	# ROOMS	DIST FROM ROUTE	BAND WIDTH	# ROOMS IN BAND	PERCENT
1	1100	6			
2	500	6			
3	100	6			
4	2832	6			
5	198	6			
7	201	6			
8	150	6			
9	1648	6			
11	143	6			
12	2788	6			
13	821	6			
14	1160	6			
16	1025	6			
18	3173	6			
20	592	6			
21	300	6			
26	1395	6			
27	400	6			
29	324	6			
30	2700	6			
31	298	6			
33	499	6			
35	149	6			
36	3174	6			
37	314	6			
38	795	6			
39	705	6			
40	3049	6			
42	220	6			
43	192	6			
44	451	6			
46	320	6			
47	272	6			
48	192	6			
49	2136	6			
50	238	6			
51	1500	6			
53	203	6			
54	720	6			
55	228	6			
56	488	6			
57	150	6			
58	1326	6			
59	287	6			
60	1909	6			
62	852	6			
64	340	6			
65	105	6			
67	161	6			
68	139	6			
71	44	6			
72	20	6			
79	88	6			
80	96	6			
83	129	6			
84	38	6			
85	20	6			
86	83	6			
88	33	6			
90	55	6			
91	12	6			
93	22	6			
95	19	6			
96	21	6			
98	100	6			
99	92	6			
101	25	6			
102	57	6			

(Note, band width is one-half of corridor width.)

Route: A (From Wendover via Las Vegas)

Non-Resident Population Estimation (cont)

ID	# ROOMS	DIST FROM ROUTE	BAND WIDTH	# ROOMS IN BAND	PERCENT
103	19	6			
105	106	6			
106	56	6			
108	128	6			
109	151	6			
111	127	6			
113	35	6			
114	29	6			
116	24	6			
117	87	6			
119	55	6			
122	38	6			
124	16	6			
126	127	6			
130	162	6			
131	27	6			
132	252	6			
135	28	6			
136	66	6			
139	41	6			
140	88	6			
141	20	6			
142	45	6			
143	18	6			
147	28	6			
149	15	6			
150	220	6			
152	7	6			
153	31	6			
154	123	6			
156	75	6			
157	41	6			
158	300	6			
159	35	6			
160	17	6			
162	22	6			
163	90	6			
164	104	6			
167	50	6			
168	100	6			
169	44	6			
171	114	6			
174	33	6			
175	223	6			
176	21	6			
177	85	6			
179	12	6			
180	28	6			
181	71	6			
182	54	6			
183	34	6			
185	880	6			
192	42	6			
194	15	6			
196	33	6			
200	24	6			
201	53	6			
202	204	6			
203	46	6			
204	28	6			
206	17	6			
208	30	6			
210	12	6			
211	11	6			
212	97	6			
213	26	6			
214	14	6			
216	21	6			

(Note, band width is one-half of corridor width)

Route: A (From Wendover via Las Vegas)

Non-Resident Population Estimation (cont)

ID	# ROOMS	DIST FROM ROUTE	BAND WIDTH	# ROOMS IN BAND	PERCENT
217	23	6			
218	35	6			
220	102	6			
221	14	6			
224	29	6			
226	104	6			
227	22	6			
228	24	6			
233	80	6			
234	153	6			
235	8	6			
236	64	6			
238	26	6			
239	150	6			
241	300	6			
242	60	6			
243	100	6			
244	12	6			
245	22	6			
246	108	6			
249	90	6			
250	29	6			
252	36	6			
253	159	6			
254	58	6			
255	128	6			
256	99	6			
257	150	6			
258	117	6			
259	36	6			
261	364	6			
263	22	6			
266	44	6			
267	100	6			
268	23	6			
270	10	6			
271	58	6			
273	115	6			
275	100	6			
277	22	6			
278		6			
279	76	6			
280	4032	6			
281	430	6			

	67150		5-10 miles	56927	38.3%
			0-10 miles	67150	45.2%
25	780	7			
66	34	7			
97	44	7			
118	56	7			
120	44	7			
125	21	7			
128	88	7			
137	50	7			
144	46	7			
165	150	7			
186	26	7			
198	56	7			
215	140	7			
222	25	7			
223	21	7			
225	45	7			
237	24	7			
272	55	7			
276	33	7			
41	300	7			
63	258	7			

(Note, band width is one-half of corridor width)

Route: A (From Wendover via Las Vegas)

Non-Resident Population Estimation (cont)

ID	# ROOMS	DIST FROM ROUTE	BAND WIDTH	# ROOMS IN BAND	PERCENT
77	58	7			
78	70	7			
87	21	7			
89	50	7			
115	26	7			
127	52	7			
133	38	7			
134	19	7			
138	16	7			
145	300	7			
146	155	7			
151	20	7			
161	28	7			
173	42	7			
190	63	7			
191	54	7			
199	19	7			
205	18	7			
207	120	7			
209	12	7			
219	26	7			
230	14	7			
247	20	7			
262	130	7			
274	13	7			
> 10 miles				3680 70830	2.48 47.69

1989 visitor volume (A) = 18129684
 1989 Ave. night stay (B) = 3.20
 No. of rooms w/in B/width = XI
 Total Hotel/Hotel Rooms = TOT(71929)

B/width, miles	No. of Rooms within B/width	No. of non-res. pop. w/in B/width
0.25	0	0
0.50	0	0
1.00	0	0
3.00	314	694
5.00	10223	22590
10.00	67150	148385

$$* - [(XI)*(A)*(B)]/[365*TOT]$$

(Note, band width is one-half of corridor width)

Appendix 2-G

Route: A (From Wendover via Las Vegas)

Land Use Within 2 Mile Corridor

Segment	Length (mile)	Total Area (sq mil)	Area City (sq. miles)	non-use
1.1	0.775	0.775	0.775	0
1.2	0.114	0.114	0.114	0
1.3	0.278	0.278	0.278	0
1.4	58.891	117.782	1.423	116.36
2.3	21.927	43.854	0	43.85
2.4	4.616	9.232	0	9.23
2.5	1.154	2.308	0.960	1.35
2.6	8.184	16.368	1.000	15.37
2.7	2.370	4.740	0.122	4.62
2.8	0.831	1.662	0.891	0.77
2.9	0.675	1.350	0.620	0.73
3.1	0.407	0.814	0.084	0.73
3.2	1.393	2.786	1.283	1.50
3.3	0.211	0.422	0.031	0.39
3.4	3.923	7.846	0	7.85
3.5	18.093	36.186	0	36.19
4.1	5.998	11.996	0.211	11.79
4.2	5.202	10.404	0.194	10.21
4.3	1.288	2.576	0.301	2.28
4.4	28.634	57.268	0.411	56.86
4.5	64.318	128.636	0	128.64
4.6	4.722	9.444	0	9.44
5.1	12.038	24.076	0.223	23.85
5.2	38.58	77.16	0.392	76.77
5.3	3.766	7.532	0	7.53
5.4	30.719	61.438	4.000	57.44
6.1	6.138	12.276	1.667	10.61

Route: A (From Wendover via Las Vegas)

Land Use Within 2 Mile Corridor (cont)

Segment	Length (mile)	Total Area (sq mi)	gov/non	res	ind	comm	nonpro	trans	minor
6.2	7.038	14.076	13.572						
6.3	1	2	2.00						0.51
6.4	1.026	2.052	1.54			0.51			
6.5	0.669	1.338	1.00		0.33				
7.1	2.3	4.6	2.88	1.72					
7.2	4	8	7.00	0.52					0.50
7.3	1.026	2.052	1.54	0.51					
8.1	1	2	1.00	1.00					
8.2	0.645	1.292	0.86	0.43					
9.1	0.467	0.934	0.62	0.31					
9.2	2.4	4.8	4.00	0.40		0.40			
9.3	0.900	5.800	5.80						
9.4	1.000	2.000	2.00						
9.5	12.650	25.300	25.30						
9.6	12.803	25.606	25.61						
9.7	1.000	2.000	2.00						
9.8	1.000	2.000	2.00						
9.9	17.290	34.580	34.58						

Legend:

gov/non - government, vacant
res - residential
ind - industrial
comm - commercial
nonpro - non-profit
trans - transportation
minor - minor improvement

Appendix 2-H

Route: A (From Wendover via Las Vegas)

Property Values Within 2 Mile Corridor

Segment	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Square Mile
<hr/>				
1.1	0.775	0.775	\$9,471,933	\$12,221,849
1.2	0.114	0.114	\$1,393,291	\$12,221,849
1.3	0.278	0.278	\$3,397,674	\$12,221,849
1.4	58.891	117.782	\$38,743,451	\$328,942
2.1	14.208	28.416	\$5,214,308	\$183,499
2.2	6.021	12.042	\$2,209,695	\$183,499
2.3	21.927	43.854	\$8,047,165	\$183,499
2.4	4.616	9.232	\$1,694,063	\$183,499
2.5	1.154	2.308	\$2,086,903	\$904,204
2.6	8.184	16.368	\$4,736,207	\$289,358
2.7	2.370	4.740	\$2,131,125	\$449,605
2.8	0.831	1.662	\$9,520,852	\$5,728,551
2.9	0.675	1.350	\$6,662,643	\$4,935,291
3.1	0.407	0.814	\$1,016,937	\$1,249,309
3.2	1.393	2.786	\$13,785,924	\$4,948,286
3.3	0.211	0.422	\$71,760	\$170,048
3.4	3.923	7.846	\$1,439,733	\$183,499
3.5	18.093	36.186	\$6,640,095	\$183,499
4.1	5.998	11.996	\$5,148,284	\$429,167
4.2	5.202	10.404	\$3,989,539	\$383,462
4.3	1.288	2.576	\$931,367	\$361,555
4.4	28.634	57.268	\$11,136,051	\$194,455
4.5	64.318	128.636	\$23,604,577	\$183,499
4.6	4.722	9.444	\$1,732,965	\$183,499
5.1	12.038	24.076	\$5,500,909	\$228,481
5.2	38.58	77.16	\$16,062,214	\$208,168
5.3	3.766	7.532	\$773,253	\$102,662
5.4	30.719	61.438	\$6,811,291	\$110,864
6.1	6.138	12.276	\$2,735,120	\$222,802
6.2	7.038	14.076	\$27,368,733	\$1,944,354
6.3	1.000	2.000	\$12,062,990	\$6,031,495
6.4	1.026	2.052	\$32,633,305	\$15,903,170
6.5	0.669	1.338	\$86,231,759	\$64,448,250

Segment	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Square Mile
7.1	2.300	4.600	\$97,335,793	\$21,159,955
7.2	4.000	8.000	\$29,349,062	\$3,668,633
7.3	1.026	2.052	\$21,074,093	\$10,270,026
8.1	1.000	2.000	\$87,837,619	\$43,918,810
8.2	0.646	1.292	\$8,357,801	\$6,468,887
9.1	0.467	0.934	\$49,096,258	\$52,565,587
9.2	2.400	4.800	\$73,840,769	\$15,383,494
9.3	2.900	5.800	\$7,530,468	\$1,298,357
9.4	1.000	2.000	\$3,001,426	\$1,500,713
9.5	12.650	25.300	\$5,214,204	\$206,095
9.6	12.803	25.606	\$3,466,644	\$135,384
9.7	1.000	2.000	\$15,548,137	\$7,774,068
9.8	1.000	2.000	\$3,612,671	\$1,806,336
9.9	17.29	34.580	\$3,560,802	\$102,973

Route	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Square Mile
A	415.689	830.211	\$763,811,862	\$313,965,333

Appendix 2-I
Difficult or Dangerous to Evacuate Locations
School Enrollment
Route A: (From Wendover via Las Vegas)

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 1.4:			443	443	443	443
Segment 2.6:			149	149	149	149
Segment 2.8:		555	555	555	555	555
Segment 3.1:			596	776	776	776
Segment 4.4:		115	115	115	115	115
Segment 5.2:		286	286	286	286	286
Segment 6.4:				1,529	1,529	1,529
Segment 6.5:				3,818	9,725	23,015
Segment 7.1:				2,712	11,577	20,500
Segment 7.2:				2,228	8,422	18,818
Segment 7.3:				3,483	8,285	18,587
Segment 9.2:				49	49	49
Totals	0	956	2,144	16,143	41,911	84,822

School Enrollment

Route B: (From Wendover via Tonopah)

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 1.4			443	443	443	443
Segment 2.6:			149	149	149	149
Segment 2.8:		555	555	555	555	555
Segment 3.1:			596	596	596	596
Segment 3.14:				254	257	257
Segment 4.1:		704	704	704	704	704
Segment 4.5:	71	71	71	71	71	71
Segment 4.10:	204	204	204	204	204	204
Segment 4.12:			98	98	98	98
Totals	204	1,463	2,820	3,074	3,077	3,077

School Enrollment

Route: I-15 to US 95 from Arizona

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 1.17				1,529	1,529	1,529
Segment 1.19						
Segment 1.19	761	761	1,410	2,950	4,016	6,404
Segment 1.20	530	1,592	2,094	5,390	6,678	6,678
Segment 1.21	170	689	2,331	8,469	10,427	11,490
Segment 1.22						
Segment 1.22	0	0	372	3,531	7,766	15,588
Segment 2.1	0	529	529	6,414	8,851	15,839
Segment 2.2		551	551	1,315	1,315	1,315
Segment 2.3	0	0	1,672	2,315	2,315	2,315
Segment 2.4	3,303	4,845	4,845	8,575	9,226	9,226
Segment 2.5	0	526	2,484	3,294	4,281	4,281
Segment 2.6	862	2,685	3,261	3,261	7,097	7,736
Segment 2.7	0	0	647	3,199	4,033	4,033
Segment 2.8	0	0	0	836	836	836
Segment 2.9	0	0	1,299	1,918	1,918	1,918
Segment 2.10	0	0	729	729	729	729
Segment 2.15	0	0	0	49	49	49
Total	5,626	12,178	22,224	53,774	71,006	89,996

School Enrollment

Route: I-15 to US 95 from California

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 1.7	0	0	0	0	0	1,540
Segment 1.8	0	0	0	0	3,276	6,084
Segment 1.9	0	0	0	659	4,321	8,859
Segment 1.10	0	0	0	1,692	2,493	3,101
Segment 1.11	0	0	0	1,636	3,069	3,794
Segment 1.12	0	643	643	643	4,471	4,471
Segment 1.13	0	0	0	3,346	4,800	5,863
Segment 1.14	0	0	0	6,364	6,364	6,364
Segment 2.1	0	529	529	6,414	8,851	15,839
Segment 2.2		551	551	1,315	1,315	1,315
Segment 2.3	0	0	1,672	2,315	2,315	2,315
Segment 2.4	3,303	4,845	4,845	8,575	9,226	9,226
Segment 2.5	0	526	2,484	3,294	4,281	4,281
Segment 2.6	862	2,685	3,261	3,261	7,097	7,736
Segment 2.7	0	0	647	3,199	4,033	4,033
Segment 2.8	0	0	0	836	836	836
Segment 2.9	0	0	1,299	1,918	1,918	1,918
Segment 2.10	0	0	729	729	729	729
Segment 2.15	0	0	0	49	49	49
Totals	4,165	9,779	16,748	46,764	70,998	88,289

Number of Hospital Beds

Route A: (From Wendover via Las Vegas)

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 3.2:	40	40	40	40	40	40
Segment 6.3:				45	45	45
Segment 6.5:						190
Segment 7.1:				163	163	903
Segment 7.2:					310	816
Segment 7.3:	34	34	34	34	34	230
Totals	74	74	74	282	429	2,055

Route B: (From Wendover via Tonopah)

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 3.2:	40	40	40	40	40	40
Segment 4.1:	45	45	45	45	45	45
Totals	85	85	85	85	85	85

Route: I-15 to US 95 from Arizona

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 1.16	0	0	0	45	45	45
Segment 1.21	0	0	163	163	163	163
Segment 2.1	0	0	0	0	760	950
Segment 2.2	0	0	310	746	746	746
Segment 2.5	0	0	0	50	130	130
Segment 2.6	0	0	0	36	36	36
Segment 2.7	0	0	0	0	80	80
Segment 2.11	0	0	0	34	34	34
Totals	0	0	473	1074	1994	2184

Number of Hospital Beds (cont)

Route: I-15 to US 95 from California

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 1.9	0	0	0	100	290	290
Segment 1.11	0	0	0	679	679	679
Segment 1.12	0	0	0	111	111	111
Segment 1.14	0	746	746	746	746	746
Segment 2.1	0	0	0	0	760	950
Segment 2.2	0	0	310	746	746	746
Segment 2.5	0	0	0	50	130	130
Segment 2.6	0	0	0	36	36	36
Segment 2.7	0	0	0	0	80	80
Segment 2.11	0	0	0	34	34	34
Totals	0	746	1056	2502	3612	3802

Prison Inmates

Route A: (From Wendover via Las Vegas)

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 2.7:					638	638
Segment 6.4:				58	58	58
Segment 9.8:			1,491	1,491	1,491	1,491
Totals	0	0	1,491	1,549	2,187	2,187

Route B: (From Wendover via Tonopah)

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 2.7	0	0	0	0	638	638

Route: I-15 to US 95 from Arizona

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 2.21:	0	0	1,491	1,491	1,491	1,491

Route: I-15 to US 95 from California

Corridor Width (miles)

	1/2	1	2	6	10	20
Segment 2.21:	0	0	1,491	1,491	1,491	1,491

Appendix 2-J

Route: B (From Wendover via Tonopah)

Section Classification

	Distance ¹	Location ²
Section 1:	60.058 mi	US 93 Alt Wendover to Lage's
Section 2:	59.986 mi	US 93 Lage's to Ely
Section 3:	168.169 mi	US 6 Ely to Tonopah
Section 4:	146.645 mi	US 95 Tonopah to Mercury Int
Total	434.858 mi	

Segment Description

	Distance ¹	Location ²
Segment 1.1:	0.775 mi	I-80 at Utah border heading west to West Wendover Interchange. [I-80]
Segment 1.2:	0.114 mi	I-80 West Wendover Interchange heading south to Junction Old US 40. [US93A]
Segment 1.3:	0.278 mi	Junction Old US 40 heading east to SR224. [US93A]
Segment 1.4:	58.891 mi	SR 224 heading south to Lage's Jct. [US93A]
Segment 2.1:	14.208 mi	Lage's Jct heading south to SR 489. [US93]
Segment 2.2:	6.021 mi	SR 489 heading south to Schellbourne Rd. [US93]
Segment 2.3:	21.927 mi	Schellbourne Rd heading south to SR 486. [US93]
Segment 2.4:	4.616 mi	SR 486 heading south to North McGill. [US93]
Segment 2.5:	1.154 mi	North McGill heading south to South McGill [US93]
Segment 2.6:	8.184 mi	South McGill heading south to Ely Airport. [US93]
Segment 2.7:	2.370 mi	Ely Airport heading south to East Ely. [US93]
Segment 2.8:	0.831 mi	East Ely heading west to Ely. [US93]
Segment 2.9:	0.675 mi	Ely heading south to Jct US 6 & US 95. [US93]
Segment 3.1:	0.407 mi	Jct US 6 & US 95 in Ely heading west to east city limit of Ely. [US 6]
Segment 3.2:	1.393 mi	East city limit of Ely heading west to Murry st. & US 6 in Ely. [US6]

Route: B (From Wendover via Tonopah)

Segment Description

	<u>Distance¹</u>	<u>Location²</u>
Segment 3.3:	0.211 mi	Murry st. & US 6 in Ely heading south to south city limit Ely. [US 6]
Segment 3.4:	3.923 mi	South city limit Ely heading south to Ward Mt Rd. [US 6]
Segment 3.5:	18.093 mi	Ward Mt Rd heading south to SR 318 [US 6]
Segment 3.6:	27.891 mi	SR 318 heading south to SR 379. [US 6]
Segment 3.7:	9.843 mi	SR 379 heading south to Co Rd to Nyala. [US 6]
Segment 3.8:	47.476 mi	Co Rd to Nyala heading south to Hot Creek Road. [US 6]
Segment 3.9:	9.564 mi	Hot Creek Road heading south to SR 375. [US 6]
Segment 3.10:	37.560 mi	SR 375 heading west to AEC Rd. [US 6]
Segment 3.11:	4.944 mi	AEC Rd heading west to Tonopah Air Field. [US 6]
Segment 3.12:	1.467 mi	Tonopah Air Field heading west to SR 376. [US 6]
Segment 3.13:	5.193 mi	SR 376 heading west to the east limit of Tonopah. [US 6]
Segment 3.14:	0.204 mi	East limit of Tonopah heading west to US 95 in Tonopah. [US 6]
Segment 4.1:	0.560 mi	Jct US 6 & US 95 in Tonopah heading south to south Tonopah. [US 95]
Segment 4.2:	21.413 mi	South Tonopah heading south to Silverpeak Rd. [US 95]
Segment 4.3:	3.481 mi	Silverpeak Rd heading south to North Goldfield. [US 95]
Segment 4.4:	1.292 mi	North Goldfield heading south to South Goldfield. [US 95]
Segment 4.5:	14.475 mi	South Goldfield heading south to SR 266. [US 95]
Segment 4.6:	16.135 mi	SR 266 heading south to SR 267. [US 95]
Segment 4.7:	25.335 mi	SR 267 heading south to Springdale. [US 95]
Segment 4.8:	10.044 mi	Springdale heading south to North Beatty. [US 95]
Segment 4.9:	0.154 mi	North Beatty heading south to SR 374. [US 95]
Segment 4.10:	0.170 mi	SR 374 heading south to South Beatty. [US 95]
Segment 4.11:	29.021 mi	South Beatty heading south to NRDS road. [US 95]
Segment 4.12:	0.207 mi	NRDS Road heading south to SR 373. [US 95]
Segment 4.13:	16.585 mi	SR 373 heading south to SR 160. [US 95]
Segment 4.14:	5.870 mi	SR 160 heading east to NRDS Road. [US 95]
Segment 4.15:	1.903 mi	NRDS Road heading east to Mercury Int. [US 95]
Total	434.858 mi	

Appendix 2-K

Route: B (From Wendover via Tonopah)

Highway Traffic and Accident History

	Segment Number									
	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	2.5	2.6
Basic Data										
Length in mi (1)	0.775	0.114	0.278	58.891	14.208	6.021	21.927	4.616	1.154	8.184
Length in km (1)	1.248	0.184	0.448	94.826	22.878	9.695	35.307	7.433	1.858	13.178
Functional classification (2)	1	5	5	5	5	5	5	5	5	5
Road class (2)	5	1	3	3	3	3	3	3	3	3
Traffic Data (1)										
1988 Total Traffic	1346850	1744700	2458275	158775	312075	312075	319375	421575	830375	994625
1987 Total Traffic	1184425	1691775	2383450	136875	270100	264625	266450	370475	762850	876000
1986 Total Traffic	1089525	1529350	2153500	140525	260975	257325	260975	348940	715400	803000
1985 Total Traffic	1014700	1454525	2047650	144175	260975	257325	262800	350400	724525	810300
1984 Total Traffic	939875	1396490	1967350	113150	259150	246010	259880	330325	834755	969075
1988 Truck Traffic	592760	610645	196735	60225	93805	97090	98915	97090	99645	119355
1987 Truck Traffic	521220	592395	190530	52195	81030	82125	82490	85045	91615	105120
1986 Truck Traffic	479245	535090	172280	53655	81030	79935	81030	81030	85775	104390
1985 Truck Traffic	446395	727080	184325	54750	81030	79935	81760	73730	65335	105485
1984 Truck Traffic	404055	698245	177025	27010	64970	63875	67525	69350	75190	87235
Vehicle Miles Traveled										
1988 Total VMT	1043809	198896	683400	9350419	4433962	1879004	7002936	1945990	958253	8140011
1987 Total VMT	917929	192862	662599	8060706	3837581	1593307	3242449	1710113	880329	7169184
1986 Total VMT	844382	174346	598673	8275658	3707933	1549354	5722399	1610707	825572	6571752
1985 Total VMT	786393	165816	569247	8490610	3707933	1549354	5762416	1617446	836102	6631495
1984 Total VMT	728403	159200	546923	6663517	3682003	1481226	5698389	1524780	963307	7930910
1988 Truck VMT	459389	69614	54692	3546710	1332781	584579	2168909	448167	114990	976801
1987 Truck VMT	403946	67533	52967	3073816	1151274	494475	1808758	392568	105724	860302
1986 Truck VMT	371415	61000	47894	3159797	1151274	481289	1776745	374034	98981	854328
1985 Truck VMT	345956	82887	51242	3224282	1151274	481289	1792752	340338	75397	863289
1984 Truck VMT	313143	79600	49213	1590646	923094	384591	1480621	320120	86769	713931
Vehicle Kilometers Traveled										
1988 Total VKT	1680741	320262	1100411	15056044	7139565	3025572	11276127	3133433	1542979	13107046
1987 Total VKT	1478050	310547	1066917	12979348	6179273	2565543	9407512	2753623	1417506	11543820
1986 Total VKT	1359624	280732	963983	13325464	5970513	2494770	9214207	2593560	1329335	10581835
1985 Total VKT	1266249	266997	916601	13671580	5970513	2494770	9278642	2604412	1346291	10678034
1984 Total VKT	1172875	256344	880656	10729595	5928762	2385070	9175546	2455201	1551117	12770351
1988 Truck VKT	739708	112092	88066	5710913	2146045	941289	3492378	721639	185157	1572845
1987 Truck VKT	650433	108742	85288	4949458	1853782	796203	2912463	632113	170236	1385258
1986 Truck VKT	598052	98223	77119	5087904	1853782	774971	2860914	602270	159385	1375639
1985 Truck VKT	557059	133465	82510	5191739	1853782	774971	2886688	548012	121404	1390068
1984 Truck VKT	504222	128172	79243	2561258	1486366	619269	2384095	515457	139716	1149572
Accident Data										
1988 Total accidents	4	0	0	12	4	0	8	1	1	7
1987 Total accidents	1	0	0	9	6	2	9	1	0	7
1986 Total accidents	2	0	0	8	4	3	11	4	2	8
1985 Total accidents	3	0	0	10	4	2	7	1	4	7
1984 Total accidents	1	1	1	22	9	7	11	0	4	6
1988 Truck only accidents	1	0	0	5	1	0	0	0	1	1
1987 Truck only accidents	1	0	0	1	2	1	1	0	0	1
1986 Truck only accidents	0	0	0	1	2	0	1	0	0	0
1985 Truck only accidents	3	0	0	1	1	0	1	0	0	0
1984 Truck only accidents	1	0	0	2	1	0	1	0	0	1

Route: B (From Wendover via Tonopah)

Highway Traffic and Accident History (cont.)

	Segment Number									
	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	2.5	2.6
Accidents / mile										
1988 Total accidents/mi	5.16	0.00	0.00	0.20	0.28	0.00	0.36	0.22	0.87	0.86
1987 Total accidents/mi	1.29	0.00	0.00	0.15	0.42	0.33	0.41	0.22	0.00	0.86
1986 Total accidents/mi	2.58	0.00	0.00	0.14	0.28	0.50	0.50	0.87	1.73	0.98
1985 Total accidents/mi	3.87	0.00	0.00	0.17	0.28	0.33	0.32	0.22	3.47	0.86
1984 Total accidents/mi	1.29	8.77	3.60	0.37	0.63	1.16	0.50	0.00	3.47	0.73
1988 Truck accidents/mi	1.29	0.00	0.00	0.08	0.07	0.00	0.00	0.00	0.87	0.12
1987 Truck accidents/mi	1.29	0.00	0.00	0.02	0.14	0.17	0.05	0.00	0.00	0.12
1986 Truck accidents/mi	0.00	0.00	0.00	0.02	0.14	0.00	0.05	0.00	0.00	0.00
1985 Truck accidents/mi	3.87	0.00	0.00	0.02	0.07	0.00	0.05	0.00	0.00	0.00
1984 Truck accidents/mi	1.29	0.00	0.00	0.03	0.07	0.00	0.05	0.00	0.00	0.12
Accidents / km										
1988 Total accidents/km	3.21	0.00	0.00	0.13	0.17	0.00	0.23	0.13	0.54	0.53
1987 Total accidents/km	0.80	0.00	0.00	0.09	0.26	0.21	0.25	0.13	0.00	0.53
1986 Total accidents/km	1.60	0.00	0.00	0.08	0.17	0.31	0.31	0.54	1.08	0.61
1985 Total accidents/km	2.40	0.00	0.00	0.11	0.17	0.21	0.20	0.13	2.15	0.53
1984 Total accidents/km	0.80	5.45	2.23	0.23	0.39	0.72	0.31	0.00	2.15	0.46
1988 Truck accidents/km	0.80	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.54	0.08
1987 Truck accidents/km	0.80	0.00	0.00	0.01	0.09	0.10	0.03	0.00	0.00	0.08
1986 Truck accidents/km	0.00	0.00	0.00	0.01	0.09	0.00	0.03	0.00	0.00	0.00
1985 Truck accidents/km	2.40	0.00	0.00	0.01	0.04	0.00	0.03	0.00	0.00	0.00
1984 Truck accidents/km	0.80	0.00	0.00	0.02	0.04	0.00	0.03	0.00	0.00	0.08
Accidents / MVMT										
1988 Total accidents/MVMT	383	0	0	128	90	0	114	51	104	86
1987 Total accidents/MVMT	109	0	0	112	156	126	154	58	0	98
1986 Total accidents/MVMT	237	0	0	97	108	194	192	248	242	122
1985 Total accidents/MVMT	381	0	0	118	108	129	121	62	478	106
1984 Total accidents/MVMT	137	628	183	330	244	473	193	0	415	76
Average.....	250	126	37	157	141	184	155	84	248	97
Standard Deviation....	116	251	73	87	56	157	34	85	181	16
1988 Truck accidents/MTMT	218	0	0	141	75	0	0	0	870	102
1987 Truck accidents/MTMT	248	0	0	33	174	202	55	0	0	116
1986 Truck accidents/MTMT	0	0	0	32	174	0	56	0	0	0
1985 Truck accidents/MTMT	867	0	0	31	87	0	56	0	0	0
1984 Truck accidents/MTMT	319	0	0	126	108	0	68	0	0	140
Average.....	330	0	0	72	124	40	47	0	174	72
Standard Deviation....	289	0	0	50	42	81	24	0	348	60

1. N.D.O.T. 1988 Annual Traffic Report

2. N.D.O.T. Record Layout and Description for the Accident Records

Route: B (From Wendover via Tonopah)

Highway Traffic and Accident History (cont.)

	Segment Number									
	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7
Basic Data										
Length in mi (1)	2.37	0.831	0.675	0.407	1.393	0.211	3.923	18.093	27.891	9.843
Length in km (1)	3.816	1.338	1.087	0.655	2.243	0.340	6.317	29.133	44.910	15.849
Functional classification (2)	5	5	5	5	5	5	5	5	5	5
Road class (2)	3	7	3	3	3	3	3	3	3	3
Traffic Data (1)										
1988 Total traffic	1562200	3153600	100375	394200	365000	417925	405150	359525	114975	100375
1987 Total traffic	1379700	2717425	85775	354050	343100	361350	337625	326675	120450	107675
1986 Total traffic	1215450	2657200	74825	293825	264625	310250	306600	304775	122275	109500
1985 Total traffic	1213625	2669975	89425	315725	302950	355875	333975	328500	120450	116800
1984 Total traffic	1257425	2491855	91980	316455	312075	332150	327405	310980	102200	74825
1988 Truck traffic	125195	157680	22265	94900	94900	104390	97090	89790	32485	31025
1987 Truck traffic	110230	135780	18980	85045	89060	90520	81030	81760	31390	33215
1986 Truck Traffic	97090	132860	16425	70445	68985	77745	73730	76285	32120	33945
1985 Truck Traffic	97090	106945	17885	75920	78840	89060	77015	78840	31390	36135
1984 Truck Traffic	100740	99645	18250	69715	74825	83220	75190	74460	26645	23360
Vehicle Miles Traveled										
1988 Total VMT	3702414	2620642	67753	160439	508445	88182	1589403	6504886	3206768	987991
1987 Total VMT	3269889	2258180	57898	144098	477938	76245	1324503	5910531	3359471	1059845
1986 Total VMT	2880617	2208133	50507	119587	368623	65463	1202792	5514294	3410372	1077809
1985 Total VMT	2876291	2218749	60362	128500	422009	75090	1310184	5943551	3359471	1149662
1984 Total VMT	2980097	2070732	62087	128797	434720	70084	1284410	5626561	2850460	736502
1988 Truck VMT	296712	131032	15029	38624	132196	22026	380884	1624570	906039	305379
1987 Truck VMT	261245	112833	12812	34613	124061	19100	317881	1479284	875498	326935
1986 Truck VMT	230103	110407	11087	28671	96096	16404	289263	1380225	895859	334121
1985 Truck VMT	230103	88871	12072	30899	109824	18792	302130	1426452	875498	355677
1984 Truck VMT	238754	82805	12319	28374	104231	17559	294970	1347205	743156	229932
Vehicle Kilometers Traveled										
1988 Total VKT	5961627	4219757	109096	258340	818698	141991	2559257	10474167	5163537	1590863
1987 Total VKT	5265175	3636122	93228	232027	769576	122769	2132715	9517137	5409420	1706562
1986 Total VKT	4638369	3555536	81326	192559	593556	105408	1936735	8879116	5491381	1735487
1985 Total VKT	4631404	3572630	97195	206911	679519	120909	2109658	9570305	5409420	1851186
1984 Total VKT	4798553	3334292	99972	207389	699987	112849	2068157	9059889	4589811	1185916
1988 Truck VKT	477766	210988	24199	62193	212862	35467	613300	2615883	1458904	491721
1987 Truck VKT	420657	181684	20629	55734	199762	30754	511851	2381943	1409728	526431
1986 Truck VKT	370512	177777	17852	46166	154734	26414	465739	2222437	1442512	538001
1985 Truck VKT	370512	143101	19439	49754	176839	30258	486489	2296873	1409728	572711
1984 Truck VKT	384441	133333	19836	45688	167833	28274	474961	2169269	1196629	370237
Accident Data										
1988 Total accidents	8	7	4	4	0	0	2	3	12	3
1987 Total accidents	5	12	0	0	1	1	1	16	4	0
1986 Total accidents	2	12	1	0	1	0	3	9	3	1
1985 Total accidents	5	17	1	0	0	1	4	20	8	3
1984 Total accidents	4	17	3	0	1	1	7	12	11	2
1988 Truck only accidents	0	1	0	0	0	0	1	0	5	0
1987 Truck only accidents	0	0	0	0	0	0	0	3	0	0
1986 Truck only accidents	0	0	0	0	0	0	0	4	0	1
1985 Truck only accidents	0	0	0	0	0	0	1	5	2	2
1984 Truck only accidents	1	0	0	0	0	1	2	4	2	0

Route: B (From Wendover via Tonopah)

Highway Traffic and Accident History (cont.)

	Segment Number									
	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7
Accidents / mile										
1988 Total accidents/mi	3.38	8.42	5.93	9.83	0.00	0.00	0.51	0.17	0.43	0.30
1987 Total accidents/mi	2.11	14.44	0.00	0.00	0.72	4.74	0.25	0.88	0.14	0.00
1986 Total accidents/mi	0.84	14.44	1.48	0.00	0.72	0.00	0.76	0.50	0.11	0.10
1985 Total accidents/mi	2.11	20.46	1.48	0.00	0.00	4.74	1.02	1.11	0.29	0.30
1984 Total accidents/mi	1.69	20.46	4.44	0.00	0.72	4.74	1.78	0.66	0.39	0.20
1988 Truck accidents/mi	0.00	1.20	0.00	0.00	0.00	0.00	0.25	0.00	0.18	0.00
1987 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00
1986 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.10
1985 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.28	0.07	0.20
1984 Truck accidents/mi	0.26	0.00	0.00	0.00	0.00	2.94	0.32	0.14	0.04	0.00
Accidents / km										
1988 Total accidents/km	2.10	5.23	3.68	6.10	0.00	0.00	0.32	0.10	0.27	0.19
1987 Total accidents/km	1.31	8.97	0.00	0.00	0.45	2.94	0.16	0.55	0.09	0.00
1986 Total accidents/km	0.52	8.97	0.92	0.00	0.45	0.00	0.47	0.31	0.07	0.06
1985 Total accidents/km	1.31	12.70	0.92	0.00	0.00	2.94	0.63	0.69	0.18	0.19
1984 Total accidents/km	1.05	12.70	2.76	0.00	0.45	2.94	1.11	0.41	0.24	0.13
1988 Truck accidents/km	0.00	0.75	0.00	0.00	0.00	0.00	0.16	0.00	0.11	0.00
1987 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
1986 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.06
1985 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.17	0.04	0.13
1984 Truck accidents/km	0.26	0.00	0.00	0.00	0.00	2.94	0.32	0.14	0.04	0.00
Accidents / MVMT										
1988 Total accidents/MVMT	216	267	5904	2493	0	0	126	46	374	304
1987 Total accidents/MVMT	153	531	0	0	209	1312	76	271	119	0
1986 Total accidents/MVMT	69	543	1980	0	271	0	249	163	88	93
1985 Total accidents/MVMT	174	766	1657	0	0	1332	305	336	238	261
1984 Total accidents/MVMT	134	821	4832	0	230	1427	545	213	386	272
Average.....	149	586	2874	499	142	814	260	206	241	186
Standard Deviation....	48	197	2170	997	118	666	165	99	124	118
1988 Truck accidents/MTNT	0	763	0	0	0	0	263	0	552	0
1987 Truck accidents/MTNT	0	0	0	0	0	0	0	203	0	0
1986 Truck accidents/MTNT	0	0	0	0	0	0	0	290	0	299
1985 Truck accidents/MTNT	0	0	0	0	0	0	331	351	228	562
1984 Truck accidents/MTNT	260	0	0	0	0	3537	421	184	167	0
Average.....	52	153	0	0	0	707	203	206	189	172
Standard Deviation....	104	305	0	0	0	1415	173	119	203	227

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route: B (From Wendover via Tonopah)

Highway Traffic and Accident History (cont.)

	Segment Number									
	3.8	3.9	3.10	3.11	3.12	3.13	3.14	4.1	4.2	4.3
Basic Data										
Length in mi (1)	47.476	9.564	37.56	4.944	1.467	5.193	0.204	0.56	21.413	3.481
Length in km (1)	76.446	15.400	60.479	7.961	2.362	8.362	0.328	0.902	34.479	5.605
Functional classification (2)	5	5	5	5	5	5	5	5	3	3
Road class (2)	3	3	3	3	3	3	3	3	3	3
Traffic Data (1)										
1988 Total traffic	94900	87600	116800	273750	447125	605900	817600	1616950	719050	688025
1987 Total traffic	80300	80300	113150	355875	490925	647875	817600	1622425	720875	660650
1986 Total traffic	82125	87600	124100	365000	686200	803000	881475	1675350	624150	604075
1985 Total traffic	63875	65700	113150	339450	494575	547500	731825	1520225	657000	607725
1984 Total traffic	71175	73000	91980	264625	498225	514650	677805	1564755	711750	620500
1988 Truck traffic	32120	20075	23360	38325	62780	84680	73730	97090	108040	110230
1987 Truck traffic	27375	18615	22630	50005	68620	90885	73730	97455	108040	105850
1986 Truck Traffic	28105	20075	24820	51100	82490	104390	79570	100375	93805	96725
1985 Truck Traffic	21900	14965	22630	47450	59495	71175	66065	91250	85410	97090
1984 Truck Traffic	24090	16790	18250	37230	69715	77380	60955	93805	92710	99280
Vehicle Miles Traveled										
1988 Total VMT	4505472	837806	4387008	1353420	655932	3146439	166790	905492	15397018	2395015
1987 Total VMT	3812323	767989	4249914	1759446	720187	3364415	166790	908558	15436096	2299723
1986 Total VMT	3898967	837806	4661196	1804560	1006655	4169979	179821	938196	13364924	2102785
1985 Total VMT	3032530	628355	4249914	1678241	725542	2843168	149292	851326	14068341	2115491
1984 Total VMT	3379104	698172	3454769	1308306	730896	2672577	138272	876263	15240703	2159961
1988 Truck VMT	1524929	191997	877402	189479	92098	439743	15041	54370	2313461	383711
1987 Truck VMT	1299656	178034	849983	247225	100666	471966	15041	54575	2313461	368464
1986 Truck VMT	1334313	191997	932239	252638	121013	542097	16232	56210	2008646	336700
1985 Truck VMT	1039724	143125	849983	234593	87279	369612	13477	51100	1828884	337970
1984 Truck VMT	1143697	160580	685470	184065	102272	401834	12435	52531	1985199	345594
Vehicle Kilometers Traveled										
1988 Total VKT	7254712	1349036	7063960	2179277	1056182	5066396	268566	1458023	24792278	3856453
1987 Total VKT	6138602	1236616	6843212	2833060	1159645	5417381	268566	1462960	24855202	3703013
1986 Total VKT	6278116	1349036	7505458	2905703	1620917	6714500	289548	1510683	21520201	3385905
1985 Total VKT	4882979	1011777	6843212	2702303	1168267	4578068	240390	1370805	22652843	3406363
1984 Total VKT	5441034	1124197	5562869	2106634	1176889	4303384	222646	1410958	24540580	3477968
1988 Truck VKT	2455441	309154	1412792	305099	148297	708075	24219	87547	3725134	617851
1987 Truck VKT	2092705	286670	1368642	398081	162092	759959	24219	87876	3725134	593300
1986 Truck VKT	2148511	309154	1501092	406798	194855	872885	26137	90509	3234323	542154
1985 Truck VKT	1674164	230460	1368642	377741	140537	595149	21701	82281	2944870	544200
1984 Truck VKT	1841581	258565	1103744	296382	164678	647034	20023	84585	3196568	556475
Accident Data										
1988 Total accidents	18	3	20	6	1	20	3	1	2	1
1987 Total accidents	18	1	12	2	0	25	0	6	8	1
1986 Total accidents	5	1	18	12	1	31	1	1	9	1
1985 Total accidents	16	5	17	10	4	24	1	2	5	6
1984 Total accidents	17	1	17	6	0	17	3	0	5	2
1988 Truck only accidents	2	1	1	1	1	1	0	0	0	0
1987 Truck only accidents	4	1	2	0	0	1	0	1	0	0
1986 Truck only accidents	1	0	4	0	0	1	0	0	1	0
1985 Truck only accidents	2	0	4	0	0	3	0	0	0	0
1984 Truck only accidents	6	0	4	1	0	0	1	0	0	0

Route: B (From Wendover via Tonopah)
Highway Traffic and Accident History (cont.)

	Segment Number									
	3.8	3.9	3.10	3.11	3.12	3.13	3.14	4.1	4.2	4.3
Accidents / mile										
1988 Total accidents/mi	0.38	0.31	0.53	1.21	0.68	3.85	14.71	1.79	0.09	0.29
1987 Total accidents/mi	0.38	0.10	0.32	0.40	0.00	4.81	0.00	10.71	0.37	0.29
1986 Total accidents/mi	0.11	0.10	0.48	2.43	0.68	5.97	4.90	1.79	0.42	0.29
1985 Total accidents/mi	0.34	0.52	0.45	2.02	2.73	4.62	4.90	3.57	0.23	1.72
1984 Total accidents/mi	0.36	0.10	0.45	1.21	0.00	3.27	14.71	0.00	0.23	0.57
1988 Truck accidents/mi	0.04	0.10	0.03	0.20	0.68	0.19	0.00	0.00	0.00	0.00
1987 Truck accidents/mi	0.08	0.10	0.05	0.00	0.00	0.19	0.00	1.79	0.00	0.00
1986 Truck accidents/mi	0.02	0.00	0.11	0.00	0.00	0.19	0.00	0.00	0.05	0.00
1985 Truck accidents/mi	0.04	0.00	0.11	0.00	0.00	0.58	0.00	0.00	0.00	0.00
1984 Truck accidents/mi	0.13	0.00	0.11	0.20	0.00	0.00	4.90	0.00	0.00	0.00
Accidents / km										
1988 Total accidents/km	0.24	0.19	0.33	0.75	0.42	2.39	9.13	1.11	0.06	0.18
1987 Total accidents/km	0.24	0.06	0.20	0.25	0.00	2.99	0.00	6.65	0.23	0.18
1986 Total accidents/km	0.07	0.06	0.30	1.51	0.42	3.71	3.04	1.11	0.26	0.18
1985 Total accidents/km	0.21	0.32	0.28	1.26	1.69	2.87	3.04	2.22	0.15	1.07
1984 Total accidents/km	0.22	0.06	0.28	0.75	0.00	2.03	9.13	0.00	0.15	0.36
1988 Truck accidents/km	0.03	0.06	0.02	0.13	0.42	0.12	0.00	0.00	0.00	0.00
1987 Truck accidents/km	0.05	0.06	0.03	0.00	0.00	0.12	0.00	1.11	0.00	0.00
1986 Truck accidents/km	0.01	0.00	0.07	0.00	0.00	0.12	0.00	0.00	0.03	0.00
1985 Truck accidents/km	0.03	0.00	0.07	0.00	0.00	0.36	0.00	0.00	0.00	0.00
1984 Truck accidents/km	0.08	0.00	0.07	0.13	0.00	0.00	3.04	0.00	0.00	0.00
Accidents / MVMT										
1988 Total accidents/MVMT	400	358	456	443	152	636	1799	110	13	42
1987 Total accidents/MVMT	472	130	282	114	0	743	0	660	52	43
1986 Total accidents/MVMT	128	119	386	665	99	743	556	107	67	48
1985 Total accidents/MVMT	528	796	400	596	551	844	670	235	36	284
1984 Total accidents/MVMT	503	143	492	459	0	636	2170	0	33	93
Average.....	406	309	403	455	161	720	1039	222	40	102
Standard Deviation....	145	259	72	190	204	78	813	231	18	93
1988 Truck accidents/MTMT	131	521	114	528	1086	227	0	0	0	0
1987 Truck accidents/MTMT	308	562	235	0	0	212	0	1832	0	0
1986 Truck accidents/MTMT	75	0	429	0	0	184	0	0	50	0
1985 Truck accidents/MTMT	192	0	471	0	0	812	0	0	0	0
1984 Truck accidents/MTMT	525	0	584	543	0	0	8042	0	0	0
Average.....	246	217	366	214	217	287	1608	366	10	0
Standard Deviation....	159	265	169	262	434	275	3217	733	20	0

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route: B (From Wendover via Tonopah)
Highway Traffic and Accident History (cont.)

	Segment Number									
	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11	4.12	4.13
Basic Data										
Length in mi (1)	1.292	14.475	16.135	25.335	10.044	0.154	0.17	29.021	0.207	16.585
Length in km (1)	2.080	23.308	25.981	40.794	16.173	0.248	0.274	46.730	0.333	26.705
Functional classification (2)	3	3	3	3	3	3	3	3	3	3
Road class (2)	3	3	3	3	3	3	3	3	3	3
Traffic Data (1)										
1988 Total traffic	834025	538375	578525	574875	644225	894250	881475	724525	724525	735475
1987 Total traffic	793875	500050	527425	469025	538375	788400	775625	613200	613200	669775
1986 Total traffic	677075	479975	496400	441650	492750	728175	730000	554800	554800	667950
1985 Total traffic	647875	430700	441650	410625	423400	627800	667950	523775	523775	627800
1984 Total traffic	660650	459900	492750	490925	514650	730730	699705	554800	554800	649700
1988 Truck traffic	116800	107675	115705	114975	116070	116435	141255	152205	152205	139795
1987 Truck traffic	111325	100010	105485	93805	97090	102565	124100	128845	128845	127385
1986 Truck Traffic	94900	95995	99280	88330	88695	94900	116800	116435	116435	127020
1985 Truck Traffic	90885	81760	83950	78110	76285	81760	106945	109865	109865	119355
1984 Truck Traffic	92345	87235	93805	93440	92710	94900	105120	105485	105485	116800
Vehicle Miles Traveled										
1988 Total VMT	1077560	7792978	9334501	14564458	6470596	137715	149851	21026440	149977	12197853
1987 Total VMT	1025687	7238224	8510002	11882748	5407439	121414	131856	17795677	126932	11108218
1986 Total VMT	874781	6947638	8009414	11189203	4949181	112139	124100	16100851	114844	11077951
1985 Total VMT	837055	6234383	7126023	10403184	4252630	96681	113552	15200474	108421	10412063
1984 Total VMT	853560	6657053	7950521	12437585	5169145	112532	118950	16100851	114844	10775275
1988 Truck VMT	150906	1558596	1866900	2912892	1165807	17931	24013	4417141	31506	2318500
1987 Truck VMT	143832	1447645	1702000	2376550	975172	15795	21097	3739211	26671	2112680
1986 Truck VMT	122611	1389528	1601883	2237841	890853	14615	19856	3379060	24102	2106627
1985 Truck VMT	117423	1183476	1354533	1978917	766207	12591	18181	3188392	22742	1979503
1984 Truck VMT	119310	1262727	1513544	2367302	931179	14615	17870	3061280	21835	1937128
Vehicle Kilometers Traveled										
1988 Total VKT	1735088	12548253	15030413	23451690	10418954	221748	241290	33856774	241492	19640983
1987 Total VKT	1651560	11654988	13702806	19133601	8707057	195500	212315	28654599	204387	17886453
1986 Total VKT	1408572	11187087	12896758	18016854	7969171	180566	199826	25925590	184921	17837716
1985 Total VKT	1347825	10038603	11474322	16751207	6847584	155676	182841	24475804	174580	16765504
1984 Total VKT	1374402	10719186	12801929	20026999	8323357	181200	191533	25925590	184921	17350347
1988 Truck VKT	242988	2509651	3006083	4690338	1877183	28872	38666	7112481	50732	3733249
1987 Truck VKT	231598	2330998	2740561	3826720	1570222	25433	33970	6020877	42946	3401838
1986 Truck VKT	197428	2237417	2579352	3603371	1434451	23532	31972	5440963	38809	3392090
1985 Truck VKT	189075	1905633	2181069	3186452	1233746	20274	29274	5133949	36619	3187395
1984 Truck VKT	192113	2033242	2437108	3811830	1499385	23532	28775	4929273	35159	3119164
Accident Data										
1988 Total accidents	2	5	8	17	3	1	3	10	0	13
1987 Total accidents	3	9	15	22	16	2	2	18	0	8
1986 Total accidents	4	6	5	22	20	0	0	15	0	5
1985 Total accidents	4	10	10	14	18	1	0	9	0	6
1984 Total accidents	5	7	7	27	12	0	2	24	0	4
1988 Truck only accidents	1	1	0	2	2	0	2	1	0	2
1987 Truck only accidents	1	1	3	1	1	0	1	0	0	0
1986 Truck only accidents	2	0	0	0	1	0	0	0	0	3
1985 Truck only accidents	1	0	0	2	3	0	0	0	0	1
1984 Truck only accidents	2	0	1	3	2	0	1	1	0	0

Route: B (From Wendover via Tonopah)

Highway Traffic and Accident History (cont.)

	Segment Number									
	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11	4.12	4.13
Accidents / mile										
1988 Total accidents/mi	1.55	0.35	0.50	0.67	0.30	6.49	17.65	0.34	0.00	0.78
1987 Total accidents/mi	2.32	0.62	0.93	0.87	1.59	12.99	11.76	0.62	0.00	0.48
1986 Total accidents/mi	3.10	0.41	0.31	0.87	1.99	0.00	0.00	0.52	0.00	0.30
1985 Total accidents/mi	3.10	0.69	0.62	0.55	1.79	6.49	0.00	0.31	0.00	0.36
1984 Total accidents/mi	3.87	0.48	0.43	1.07	1.19	0.00	11.76	0.83	0.00	0.24
1988 Truck accidents/mi	0.77	0.07	0.00	0.08	0.20	0.00	11.76	0.03	0.00	0.12
1987 Truck accidents/mi	0.77	0.07	0.19	0.04	0.10	0.00	5.88	0.00	0.00	0.00
1986 Truck accidents/mi	1.55	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.18
1985 Truck accidents/mi	0.77	0.00	0.00	0.08	0.30	0.00	0.00	0.00	0.00	0.06
1984 Truck accidents/mi	1.55	0.00	0.06	0.12	0.20	0.00	5.88	0.03	0.00	0.00
Accidents / km										
1988 Total accidents/km	0.96	0.21	0.31	0.42	0.19	4.03	10.96	0.21	0.00	0.49
1987 Total accidents/km	1.44	4.33	7.21	10.57	7.69	0.96	0.96	8.65	0.00	3.85
1986 Total accidents/km	1.92	2.88	2.40	10.57	9.61	0.00	0.00	7.21	0.00	2.40
1985 Total accidents/km	1.92	4.81	4.81	6.73	8.65	0.48	0.00	4.33	0.00	2.88
1984 Total accidents/km	2.40	3.36	3.36	12.98	5.77	0.00	0.96	11.54	0.00	1.92
1988 Truck accidents/km	0.48	0.04	0.00	0.05	0.12	0.00	7.31	0.02	0.00	0.07
1987 Truck accidents/km	0.48	0.04	0.12	0.02	0.06	0.00	3.65	0.00	0.00	0.00
1986 Truck accidents/km	0.96	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.11
1985 Truck accidents/km	0.48	0.00	0.00	0.05	0.19	0.00	0.00	0.00	0.00	0.04
1984 Truck accidents/km	0.96	0.00	0.04	0.07	0.12	0.00	3.65	0.02	0.00	0.00
Accidents / MVMT										
1988 Total accidents/MVMT	186	64	86	117	46	726	2002	48	0	107
1987 Total accidents/MVMT	292	124	176	185	296	1647	1517	101	0	72
1986 Total accidents/MVMT	457	86	62	197	404	0	0	93	0	45
1985 Total accidents/MVMT	478	160	140	135	423	1034	0	59	0	58
1984 Total accidents/MVMT	586	105	88	217	232	0	1681	149	0	37
Average.....	400	108	111	170	280	682	1040	90	0	64
Standard Deviation....	142	33	42	38	136	631	863	36	0	24
1988 Truck accidents/MVMT	663	64	0	69	172	0	8329	23	0	86
1987 Truck accidents/MVMT	695	69	176	42	103	0	4740	0	0	0
1986 Truck accidents/MVMT	1631	0	0	0	112	0	0	0	0	142
1985 Truck accidents/MVMT	852	0	0	101	392	0	0	0	0	51
1984 Truck accidents/MVMT	1676	0	66	127	215	0	5596	33	0	0
Average.....	1103	27	48	68	199	0	3733	11	0	56
Standard Deviation....	454	33	69	44	105	0	3270	14	0	54

1. N.D.O.T. 1988 Annual Traffic Report

2. N.D.O.T. Record Layout and Description for the Accident Records

Route: B (From Wendover via Tonopah)
Highway Traffic and Accident History (cont.)

	Segment Number	
	4.14	4.15
Basic Data		
Length in mi (1)	5.87	1.903
Length in km (1)	9.452	3.064
Functional classification (2)	3	3
Road class (2)	3	3
Traffic Data (1)		
1988 Total traffic	835850	892425
1987 Total traffic	775625	846800
1986 Total traffic	755550	828550
1985 Total traffic	693500	733650
1984 Total traffic	719050	724525
1988 Truck traffic	141985	142715
1987 Truck traffic	131765	135415
1986 Truck Traffic	128480	132495
1985 Truck Traffic	124830	87965
1984 Truck Traffic	122275	79570
Vehicle Miles Traveled		
1988 Total VMT	4906440	1698285
1987 Total VMT	4552919	1611460
1986 Total VMT	4435079	1576731
1985 Total VMT	4070845	1396136
1984 Total VMT	4220824	1378771
1988 Truck VMT	833452	271587
1987 Truck VMT	773461	257695
1986 Truck VMT	754178	252138
1985 Truck VMT	732752	167397
1984 Truck VMT	717754	151422
Vehicle Kilometers Traveled		
1988 Total VKT	7900349	2734578
1987 Total VKT	7331110	2594774
1986 Total VKT	7141363	2538852
1985 Total VKT	6554875	2248058
1984 Total VKT	6796370	2220097
1988 Truck VKT	1342024	437309
1987 Truck VKT	1245426	414940
1986 Truck VKT	1214377	405993
1985 Truck VKT	1179877	269543
1984 Truck VKT	1155728	243819
Accident Data		
1988 Total accidents	3	1
1987 Total accidents	3	3
1986 Total accidents	2	4
1985 Total accidents	6	6
1984 Total accidents	5	2
1988 Truck only accidents	0	0
1987 Truck only accidents	0	1
1986 Truck only accidents	0	0
1985 Truck only accidents	0	1
1984 Truck only accidents	1	0

Route: B (From Wendover via Tonopah)

Highway Traffic and Accident History (cont.)

	Segment Number	
	4.14	4.15
Accidents / mile		
1988 Total accidents/mi	0.51	0.53
1987 Total accidents/mi	0.51	1.58
1986 Total accidents/mi	0.34	2.10
1985 Total accidents/mi	1.02	3.15
1984 Total accidents/mi	0.85	1.05
1988 Truck accidents/mi	0.00	0.00
1987 Truck accidents/mi	0.00	0.53
1986 Truck accidents/mi	0.00	0.00
1985 Truck accidents/mi	0.00	0.53
1984 Truck accidents/mi	0.17	0.00
Accidents / km		
1988 Total accidents/km	0.32	0.33
1987 Total accidents/km	0.32	0.98
1986 Total accidents/km	0.21	1.31
1985 Total accidents/km	0.63	1.96
1984 Total accidents/km	0.53	0.65
1988 Truck accidents/km	0.00	0.00
1987 Truck accidents/km	0.00	0.33
1986 Truck accidents/km	0.00	0.00
1985 Truck accidents/km	0.00	0.33
1984 Truck accidents/km	0.11	0.00
Accidents / MVMT		
1988 Total accidents/MVMT	61	59
1987 Total accidents/MVMT	66	186
1986 Total accidents/MVMT	45	254
1985 Total accidents/MVMT	147	430
1984 Total accidents/MVMT	118	145
Average.....	88	215
Standard Deviation....	39	125
1988 Truck accidents/MTMT	0	0
1987 Truck accidents/MTMT	0	388
1986 Truck accidents/MTMT	0	0
1985 Truck accidents/MTMT	0	597
1984 Truck accidents/MTMT	139	0
Average.....	28	197
Standard Deviation....	56	250

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Appendix 2-L

Route: B (From Wendover via Tonopah)

Bridges and Culverts

Bridge	US93ALT	1.032 miles from start of section 1. Steel Stringer/Concrete Tee Beam G-132 Length: 134' Width: 28' 2 lanes
Culvert	US93ALT	9.864 miles from start of section 1. Double 10'X6' RCB B-621
Culvert	US93ALT	15.629 miles from start of section 1. Triple 10'X6' RCB B-617
Bridge	US93ALT	17.859 from start of section 1. Double 144 spp M-616
Bridge	US93	58.200 miles from start of section 2. Steel frame G-384 Length: 176.54' Width: 34' to 44' 2 lanes
Culvert	US6	20.631 miles from start of section 3. Triple 10'X6' RCB B-665
Bridge	US6	29.544 miles from start of section 3. B-642
Culvert	US6	88.192 miles from start of section 3. Quad. 6'X4' RCB B-181 Length: 28' Width: 31' 2 lanes
Culvert	US6	137.737 miles from start of section 3. B-268 Length: 32' Width: 30.4' 2 lanes
Culvert	US6	165.525 miles from start of section 3. B-180 Length: 53' Width: 32' 2 lanes
Culvert	US95	11.736 miles from start of section 4. B-1478
Bridge	US95	17.412 miles from start of section 4. B-540
Culvert	US95	36.530 miles from start of section 4. B-1295
Culvert	US95	46.082 miles from start of section 4. Double 10'X4' RCB B-1317
Culvert	US95	56.474 miles from start of section 4. Triple 10'X3' RCB B-1023

Route: B (From Wendover via Tonopah)

Bridges and Culverts (cont)

Culvert	US95	65.078 miles from start of section 4. Double 10'X7' RCB B-1022
Culvert	US95	89.566 miles from start of section 4. B-641
Culvert	US95	92.677 miles from start of section 4. B-635
Culvert	US95	94.876 miles from start of section 4. B-634
Culvert	US95	140.131 miles from start of section 4. Triple 12'X5' RCB B-1062
Culvert	US95	144.071 miles from start of section 4. Double 10'X4' B-1060

Railroad Crossings/Overpasses/Underpasses

Overpass	US93ALT	1.032 miles from start of section 1. WPRR Overpass (road goes over RR) G-132
Crossing	US93	48.945 miles from start of section 2. NNRR Crossing 855-878-T
Crossing	US93	50.501 miles from start of section 2. NNRR Crossing 855-906-U
Overpass	US93	58.200 miles from start of section 2. NNRR Overpass (road goes over RR) G-1041

Posted Speed Limit Along Route B

Segment	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
MPH	65	35	35	55	55	55	55	55	25	55	55	35	25/3
Distance	0.775	0.114	0.278	58.891	14.208	6.021	21.927	4.616	1.154	8.184	2.37	0.831	0.675
Travel T. (hour)	0.012	0.003	0.008	1.071	0.258	0.109	0.399	0.084	0.046	0.149	0.043	0.024	0.023
Segment	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	3.11	3.12	3.13
MPH	35/55	55	55	55	55	55	55	55	55	55	55	55	25/35
Distance	0.407	1.393	0.211	3.923	18.093	27.891	9.843	47.476	9.564	37.56	4.944	1.467	5.193
Travel T. (hour)	0.009	0.025	0.004	0.071	0.329	0.507	0.179	0.863	0.174	0.683	0.090	0.027	0.173
Segment	3.14	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11	4.12
MPH	35/45	25/35	55	55	25	55	55	55	55	25	25	55	55
Distance	0.204	0.56	21.413	3.481	1.292	14.475	16.135	25.335	10.044	0.154	0.17	29.021	0.207
Travel T. (hour)	0.005	0.019	0.389	0.063	0.052	0.263	0.293	0.461	0.183	0.006	0.007	0.528	0.004
Segment	4.13	4.14	4.15										
MPH	55	55	55										
Distance	16.585	5.87	1.903										
Travel T. (hour)	0.302	0.107	0.035										

Total Travel Time: 8.08 Hours

In Wendover	35 MPH		
In McGill	35 MPH	On US93alt	55 MPH
In Ely	25/35 MPH	On US93alt	55 MPH
In Tonopah	25/35/45 MPH	On US6	55 MPH
In Goldfield	25 MPH	On US95	55 MPH
In Beatty	25 MPH	On US 95	55 MPH

Appendix 2-M

Route: B (From Wendover via Tonopah)

Population density

Population density within 0.5 mile-wide corridor

Segment	Location	(a) Cumulative		(b)	Total Pop (a)*(b)	Segment Number	County
		Segment dist. fr Distance entry to (mile) Destin.	Segment Pop per sq. mi.	Segment Pop per sq. mi.			
Segment 1.1:	I-80 at Utah border heading west to West Wendover	0.775	0.78	11.78	9.13	1.1	Elko
Segment 1.2:	I-80 West Wendover Int. South to Jct Old US40	0.114	0.89	11.78	1.34	1.2	
Segment 1.3:	Junction Old US 40 heading east to SR 224.	0.278	1.17	11.78	3.27	1.3	
Segment 1.4:	SR 224 heading south to Lage's Jct. [US93A]	58.891	60.06	11.78	693.74	1.4	Elko
Segment 2.1:	Lage's Jct heading south to SR 489. [US93]	14.208	74.27	4.15	58.96	2.1	White Pin
Segment 2.2:	SR 489 heading south to Schellbourne Rd. [US93]	6.021	80.29	4.15	24.99	2.2	
Segment 2.3:	Schellbourne Rd heading south to SR 486. [US93]	21.927	102.21	4.15	91.00	2.3	
Segment 2.4:	SR 486 heading south to North McGill. [US93]	4.616	106.83	4.15	19.16	2.4	
Segment 2.5:	North McGill heading south to South McGill [US93]	1.154	107.98	4.15	4.79	2.5	
Segment 2.6:	South McGill heading south to Ely Airport. [US93]	8.184	116.17	4.15	33.96	2.6	
Segment 2.7:	Ely Airport heading south to East Ely. [US93]	2.370	118.54	220.29	522.09	2.7	
Segment 2.8:	East Ely heading west to Ely. [US93]	0.831	119.37	1738.00	1444.28	2.8	
Segment 2.9:	Ely heading south to Jct US 6 & US 95. [US93]	0.675	120.04	1738.00	1173.15	2.9	
Segment 3.1:	Jct US 6 & US 95 in Ely heading west to Ecl Ely US	0.407	120.45	1738.00	707.37	3.1	
Segment 3.2:	Ecl Ely heading west to Murry st. & US 6 in Ely US	1.393	121.84	1738.00	2421.03	3.2	
Segment 3.3:	Murry st. & US 6 in Ely heading south to Sci Ely.	0.211	122.06	4.15	0.88	3.3	White Pin
Segment 3.4:	Sci Ely heading south to Ward Mt Rd. [US 6]	3.923	125.98	4.15	16.28	3.4	
Segment 3.5:	Ward Mt Rd heading south to SR 318. [US 6]	18.093	144.07	4.15	75.09	3.5	White Pin
Segment 3.6:	SR 318 heading south to SR 379. [US 6]	27.891	171.96	11.59	323.26	3.6	Nye
Segment 3.7:	SR 379 heading south to Co Rd to Nye. [US 6]	9.843	181.80	11.59	114.08	3.7	
Segment 3.8:	Co Rd to Nye heading south to Hot Creek Road US	47.476	229.28	11.59	550.25	3.8	
Segment 3.9:	Hot Creek Road heading south to SR 375. [US 6]	9.564	238.84	11.59	110.85	3.9	
Segment 3.10:	SR 375 heading west to AEC Rd. [US 6]	37.560	276.41	11.59	435.32	3.10	
Segment 3.11:	AEC Rd heading west to Tonopah Air Field. [US 6]	4.944	281.35	11.59	57.30	3.11	
Segment 3.12:	Tonopah Air Field heading west to SR 376. [US 6]	1.467	282.82	11.59	17.00	3.12	
Segment 3.13:	SR 376 heading west to the east limit of Tonopah	5.193	288.01	11.59	60.19	3.13	
Segment 3.14:	East limit of Tonopah heading west to US 95 in To	0.204	288.21	11.59	2.36	3.14	
Segment 4.1:	Jct US 6 & US 95 in Tonopah South to S Tonopah	0.560	288.77	11.59	6.49	4.10	Nye
Segment 4.2:	South Tonopah heading south to Silverpeak Rd. US 95	21.413	310.19	4.69	100.43	4.20	Esmerald
Segment 4.3:	Silverpeak Rd heading south to North Goldfield US9	3.481	313.67	4.69	16.33	4.30	
Segment 4.4:	North Goldfield heading south to South Goldfield U	1.292	314.96	4.69	6.06	4.40	
Segment 4.5:	South Goldfield heading south to SR 266. [US 95]	14.475	329.43	4.69	67.89	4.50	
Segment 4.6:	SR 266 heading south to SR 267. [US 95]	16.135	345.57	4.69	75.67	4.60	Esmerald
Segment 4.7:	SR 267 heading south to Springdale. [US 95]	25.335	370.90	11.59	293.63	4.70	Nye
Segment 4.8:	Springdale heading south to North Beatty. [US 95]	10.044	380.95	11.59	116.41	4.80	
Segment 4.9:	North Beatty heading south to SR 374. [US 95]	0.154	381.10	11.59	1.78	4.90	
Segment 4.10:	SR 374 heading south to South Beatty. [US 95]	0.170	381.27	11.59	1.97	4.10	
Segment 4.11:	South Beatty heading south to NRDS road. [US 95]	29.021	410.29	11.59	336.35	4.11	
Segment 4.12:	NRDS Road heading south to SR 73. [US 95]	0.207	410.50	11.59	2.40	4.12	
Segment 4.13:	SR 73 heading south to SR 160. [US 95]	16.585	427.08	11.59	192.22	4.13	
Segment 4.14:	SR 160 heading east to NRDS Road. [US 95]	5.870	432.95	11.59	68.03	4.14	
Segment 4.15:	NRDS Road heading east to Mercury Int. [US 95]	1.903	434.86	11.59	22.06	4.15	Nye
		434.86			10279		

Source: Population statistic from 1989 Nv Dept of Taxation

Pop based on 1989 Nv. Dept of Taxation Projection

$$Pr = (Mr/Mt) * (Pt - Pc)$$

$$Pd = Pr / (Mr * 0.5)$$

where:

Pt = Total Population in County
Pc = Total Population in County's cities/towns
Mt = Total County Improved Roads
Mr = Total miles of Route-B in County
Pr = Population in 1/2 mile corridor along route outside of cities and towns
Pd = Population Density for Pr (person/Sq Mile)

Population Density for areas outside of cities and towns							
County	Total Pop in County (Pt)	Name of Cities	Tot Pop in Co. Cities (Pc)	Tot Co. improved roads (Nt)	Total B- Route in county (Nr)	Pop in 1/4mi BW O/cities (Pr)	Pop Den. for Pr #/Sq Mi (Pd)
Nye	17980	Gibbs	780	1423.41	233.25	1351.74	11.59
		Tonopah	2680				
		Beatty	925				
		Pahrump	5346				
			9731				
Clark	733180	Las Vegas	397320	3502.42	Not Incld	N/Apply	N/Apply
Lincoln	4330	Caliente	1160	852.18	Not Incld	N/Apply	N/Apply
		Paria	758				
		Pioche	794				
		Alamo	1126				
			3838				
WhitePine	8830	Ely	5190	1754.86	100.01	207.45	4.15
Elko	33210	Elko	16700	2199.53	55.06	324.41	11.78
		Carlin	2150				
		Wells	1400				
			20250				
Esmeralda	1240	Goldfield	500	315.37	22.50	52.79	4.69
			20250			1884	

Appendix 2-N

Route: B (From Wendover via Tonopah)

Land Use Within 2 Mile Corridor

Segment	Length (mile)	Total Area (sq mi)	Area City (sq mi)	Gov/non
1.1	0.775	0.775	0.775	0
1.2	0.114	0.114	0.114	0
1.3	0.278	0.278	0.278	0
1.4	58.891	117.782	1.423	116.359
2.1	14.208	28.416	0.000	28.416
2.2	6.021	12.042	0.000	12.042
2.3	21.927	43.854	0.000	43.854
2.4	4.616	9.232	0.000	9.232
2.5	1.154	2.308	0.960	1.348
2.6	8.184	16.368	1.000	15.368
2.7	2.370	4.740	0.122	4.61810
2.8	0.831	1.662	0.891	0.77140
2.9	0.675	1.350	0.620	0.73008
3.1	0.407	0.814	0.084	0.73016
3.2	1.393	2.786	1.283	1.50317
3.3	0.211	0.422	0.031	0.39106
3.4	3.923	7.846	0.000	7.846
3.5	18.093	36.186	0.000	36.186
3.6	27.891	55.782	0	55.782
3.7	9.843	19.686	0	19.686
3.8	47.476	94.952	0	94.952
3.9	9.564	19.128	0	19.128
3.10	37.560	75.120	0	75.12
3.11	4.944	9.888	0	9.888
3.12	1.467	2.934	0	2.934
3.13	5.193	10.386	0.153	10.233
3.14	0.204	0.408	0.408	0
4.1	0.56	1.12	0.541	0.579
4.2	21.413	42.826	0	42.826
4.3	3.481	6.962	0	6.962
4.4	1.292	2.584	0.315	2.269
4.5	14.475	28.95	0.522	28.428
4.6	16.135	32.270	0	32.27
4.7	25.335	50.670	0	50.67
4.8	10.044	20.088	0	20.088
4.9	0.154	0.308	0	0.308
4.10	0.170	0.340	0.109	0.231

Gov/non - government, vacant

Route: B (From Wendover via Tonopah)

Land Use Within 2 Mile Corridor (cont)

Segment	Length (mile)	Total Area (sq mi)	Area City (sq mi)	Gov/non
4.11	29.021	58.042	0.216	57.826
4.12	0.207	0.414	0	0.414
4.13	16.585	33.170	0	33.17
4.14	5.870	11.740	0	11.74
4.15	1.903	3.806	0	3.806

Gov/non - government, vacant

Appendix 2-0

Route: B (From Wendover via Tonopah)

Property Values Within 2 Mile Corridor

Segment	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Square Mile
1.1	0.775	0.775	\$9,471,933	\$12,221,849
1.2	0.114	0.114	\$1,393,291	\$12,221,849
1.3	0.278	0.278	\$3,397,674	\$12,221,849
1.4	58.891	117.782	\$38,743,451	\$328,942
2.1	14.208	28.416	\$5,214,308	\$183,499
2.2	6.021	12.042	\$2,209,695	\$183,499
2.3	21.927	43.854	\$8,047,165	\$183,499
2.4	4.616	9.232	\$1,694,063	\$183,499
2.5	1.154	2.308	\$2,086,903	\$904,204
2.6	8.184	16.368	\$4,736,207	\$289,358
2.7	2.370	4.740	\$2,131,125	\$449,605
2.8	0.831	1.662	\$9,520,852	\$5,728,551
2.9	0.675	1.350	\$6,662,643	\$4,935,291
3.1	0.407	0.814	\$1,016,937	\$1,249,309
3.2	1.393	2.786	\$13,785,924	\$4,948,286
3.3	0.211	0.422	\$71,760	\$170,048
3.4	3.923	7.846	\$1,439,733	\$183,499
3.5	18.093	36.186	\$6,640,095	\$183,499
3.6	27.891	55.782	\$10,235,941	\$183,499
3.7	9.843	19.686	\$3,612,361	\$183,499
3.8	47.476	94.952	\$17,423,597	\$183,499
3.9	9.564	19.128	\$3,509,969	\$183,499
3.10	37.560	75.120	\$13,784,445	\$183,499
3.11	4.944	9.888	\$1,814,438	\$183,499
3.12	1.467	2.934	\$538,386	\$183,499
3.13	5.193	10.386	\$6,306,295	\$607,192
3.14	0.204	0.408	\$11,809,466	\$28,944,769
4.1	0.560	1.120	\$15,477,753	\$13,819,423
4.2	21.413	42.826	\$7,858,528	\$183,499
4.3	3.481	6.962	\$1,277,520	\$183,499
4.4	1.292	2.584	\$2,026,368	\$784,198
4.5	14.475	28.950	\$7,884,525	\$272,350
4.6	16.135	32.270	\$5,921,513	\$183,499
4.7	25.335	50.670	\$9,297,894	\$183,499
4.8	10.044	20.088	\$3,686,128	\$183,499
4.9	0.154	0.308	\$56,518	\$183,499
4.10	0.170	0.340	\$12,598,489	\$37,054,379
4.11	29.021	58.042	\$35,492,827	\$611,502

4.12	0.207	0.414	\$75,969	\$183,499
4.13	16.585	33.170	\$6,086,662	\$183,499
4.14	5.870	11.740	\$2,154,278	\$183,499
4.15	1.903	3.806	\$698,397	\$183,499

Route	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Square Mile
B	434.858	868.549	\$297,892,026	\$141,983,429

Appendix 2-P

Route: I-15 to US 95 from Arizona

Section and Segment Classification

Section Classification:

Section 1: I-15 Arizona boarder to Las Vegas downtown expressway interchange.

Section 2: US 95 Las Vegas downtown expressway interchange to Mercury.

Segment Classification:

Segment 1.1:	0.868 mi	Arizona boarder heading south to East Mesquite interchange.
Segment 1.2:	2.563 mi	East Mesquite interchange heading south to West Mesquite interchange.
Segment 1.3:	7.993 mi	West Mesquite interchange heading south to Riverside-Bunkerville interchange.
Segment 1.4:	2.635 mi	Riverside-Bunkerville interchange heading south to East Mesa interchange.
Segment 1.5:	9.258 mi	East Mesa interchange heading south to Carp-Elgin interchange.
Segment 1.6:	6.543 mi	Carp-Elgin interchange heading south to Logandale-Overton interchange.
Segment 1.7:	2.288 mi	Logandale-Overton interchange heading south to Glendale interchange.
Segment 1.8:	0.776 mi	Glendale interchange heading south to Moapa interchange.
Segment 1.9:	2.135 mi	Moapa interchange heading south to Hidden Valley interchange.
Segment 1.10:	4.154 mi	Hidden Valley interchange heading south to Byron interchange.
Segment 1.11:	3.764 mi	Byron interchange heading south to Ute interchange.
Segment 1.12:	5.104 mi	Ute interchange heading south to Valley of Fire interchange.
Segment 1.13:	11.400 mi	Valley of Fire interchange heading south to US 93 interchange.
Segment 1.14:	6.138 mi	US 93 interchange heading south to Apex interchange.
Segment 1.15:	7.038 mi	Apex interchange heading south to 13.176 miles from US 93 interchange.
Segment 1.16:	1.000 mi	13.176 miles from US 93 interchange heading south to Lamb interchange.
Segment 1.17:	1.026 mi	Lamb interchange heading south to North Las Vegas city limit.

Route: I-15 to US 95 from Arizona

Section and Segment Classification (cont)

Segment 1.18:	0.699 mi	North Las Vegas city limit heading south to Craig Road interchange.
Segment 1.19:	1.982 mi	Craig Road interchange heading south to Cheyenne Ave interchange.
Segment 1.20:	1.722 mi	Cheyenne Ave interchange heading south to Lake Mead interchange.
Segment 1.21:	1.238 mi	Lake Mead interchange heading south to 'D' and Washington street interchange.
Segment 1.22:	0.575 mi	'D' and Washington street interchange heading south to Downtown Expressway interchange.
Segment 2.1:	0.352 mi	I-15 and US 95 interchange heading west to Highland Drive.
Segment 2.2:	0.721 mi	Highland drive heading west to Rancho Rd.
Segment 2.3:	1.049 mi	Rancho Rd. heading west to Valley View.
Segment 2.4:	0.784 mi	Valley View heading west to Decatur Blvd.
Segment 2.5:	0.995 mi	Decatur Blvd heading west to Jones Blvd.
Segment 2.6:	1.168 mi	Jones Blvd heading west to Rainbow Blvd.
Segment 2.7:	0.839 mi	Rainbow Blvd heading north to Vegas Drive.
Segment 2.8:	1.018 mi	Vegas Drive heading north to Smoke Ranch Road.
Segment 2.9:	1.032 mi	Smoke Ranch Road heading north to Cheyenne Ave.
Segment 2.10:	1.024 mi	Cheyenne Ave heading north to Alexander Road.
Segment 2.11:	0.512 mi	Alexander Road heading north to Craig Road.
Segment 2.12:	0.508 mi	Craig Road heading north to Lone Mountain Road.
Segment 2.13:	0.928 mi	Lone Mountain Road heading north to Jct US 95 and Rancho Road.
Segment 2.14:	0.467 mi	Jct US 95 and Rancho Road heading north to 0.467 miles from Jct US 95 and Rancho Road.
Segment 2.15:	2.400 mi	0.467 miles from Jct US 95 and Rancho Road heading north to 2.867 miles from Jct US 95 and Rancho Road.
Segment 2.16:	2.900 mi	2.867 miles from Jct US 95 and Rancho Road heading north to FAU 613 (SR157).
Segment 2.17:	1.000 mi	FAU 613 (SR157) heading north to 6.767 miles from Jct US 95 and Rancho Road.
Segment 2.18:	12.650 mi	6.767 miles from Jct US 95 and Rancho Road heading north to SR 156.
Segment 2.19:	12.803 mi	SR 156 heading north to 32.22 miles from Jct US 95 and Rancho Road.

Route: I-15 to US 95 from Arizona

Section and Segment Classification (cont)

Segment 2.20: 1.000 mi 32.22 miles from Jct US 95 and Rancho Road heading west to Indian Springs Air Base Road.

Segment 2.21: 1.000 mi Indian Springs Air Base Road heading west to 33.22 miles from Jct US 95 and Rancho Road.

Segment 2.22: 17.290 mi 33.22 miles from Jct US 95 and Rancho Road heading west to Mercury interchange.

Appendix 2-Q

Route: I-15 to US 95 from Arizona Highway Traffic and Accident History

	Segment Number									
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
Basic Data										
Length in mi (1)	0.868	2.563	7.993	2.635	9.258	6.543	2.288	0.776	2.135	4.154
Length in km (1)	1.398	4.127	12.870	4.243	14.907	10.536	3.684	1.250	3.438	6.689
Functional classification (2)	1	1	1	1	1	1	1	1	1	1
Road class (2)	5	5	5	5	5	5	5	5	5	5
Traffic Data (1)										
1988 Total Traffic	3197400	2575075	2963800	2982050	2982050	2982050	3387200	2836050	3237550	3270400
1987 Total Traffic	3007600	2407175	2737500	2759400	2759400	2759400	3135350	2564125	2936425	2980225
1986 Total Traffic	2600625	2064075	2381625	2392575	2392575	2392575	2801375	2301325	2637125	2688225
1985 Total Traffic	2398050	1945450	2376150	2394400	2394400	2394400	2806850	2330525	2657200	2701000
1984 Total Traffic	2250225	1848725	2221025	2250225	2250225	2250225	2648075	2197300	2523975	2600625
1988 Truck Traffic	831470	746790	740950	745695	745695	745695	778910	765770	777085	784750
1987 Truck Traffic	781830	698245	684375	689850	689850	689850	721240	692405	704815	715400
1986 Truck Traffic	676345	598600	595315	598235	598235	598235	644225	621230	632910	645320
1985 Truck Traffic	623420	564290	594220	598600	598600	598600	645685	629260	637655	648240
1984 Truck Traffic	585095	536185	555165	562465	562465	562465	609185	593125	605900	624150
Vehicle Miles Traveled										
1988 Total VMT	2775343	6599917	23689653	7857702	27607819	19511553	7749914	2200775	6912169	13585242
1987 Total VMT	2610597	6169590	21880838	7271019	25546525	18054754	7173681	1989761	6269267	12379855
1986 Total VMT	2257343	5290224	19036329	6304435	22150459	15654618	6409546	1785828	5630262	11166887
1985 Total VMT	2081507	4986188	18992567	6309244	22167355	15666559	6422073	1808487	5673122	11219954
1984 Total VMT	1953195	4738282	17752653	5929343	20832583	14723222	6058796	1705105	5388687	10802996
1988 Truck VMT	721716	1914023	5922413	1964906	6903644	4879082	1782146	594238	1659076	3259852
1987 Truck VMT	678628	1789602	5470209	1817755	6386631	4513689	1650197	537306	1504780	2971772
1986 Truck VMT	587067	1534212	4758353	1576349	5538460	3914252	1473987	482074	1351263	2680659
1985 Truck VMT	541129	1446275	4749600	1577311	5541839	3916640	1477327	488306	1361393	2692789
1984 Truck VMT	507862	1374242	4437434	1482095	5207301	3680208	1393815	460265	1293596	2592719
Vehicle Kilometers Traveled										
1988 Total VKT	4468856	10627187	38145080	12652671	44454110	31417503	12478911	3543688	11129975	21874956
1987 Total VKT	4203583	9934273	35232525	11707795	41135015	29071765	11551061	3203913	10094774	19934042
1986 Total VKT	3634773	8518319	30652296	10151401	35666670	25207066	10320651	2875541	9065848	17980921
1985 Total VKT	3351643	8028760	30581831	10159145	35693875	25226294	10340822	2912026	9134861	18066370
1984 Total VKT	3145035	7629582	28585322	9547428	33544625	23707332	9755873	2745560	8676863	17394985
1988 Truck VKT	1162107	3081959	9536270	3163892	11116248	7856298	2869612	956841	2671445	5249013
1987 Truck VKT	1092728	2881617	8808131	2926949	10283754	7267941	2657147	865171	2422997	4785147
1986 Truck VKT	945296	2470388	7661900	2538238	8918028	6302728	2373414	776236	2175803	4316398
1985 Truck VKT	871325	2328792	7647807	2539786	8923469	6306573	2378792	786270	2192116	4335929
1984 Truck VKT	817760	2212805	7145156	2386470	8384796	5925872	2244321	741119	2082949	4174796
Accident Data										
1988 Total accidents	3	8	13	8	19	22	5	2	4	2
1987 Total accidents	3	4	12	6	21	14	10	1	2	6
1986 Total accidents	1	2	14	10	33	14	3	0	3	9
1985 Total accidents	2	2	15	15	22	18	6	4	3	7
1984 Total accidents	0	4	10	4	30	11	5	1	3	4
1988 Truck only accidents	0	2	2	0	2	2	1	0	1	0
1987 Truck only accidents	0	0	1	2	1	1	1	1	0	0
1986 Truck only accidents	1	0	3	1	3	2	0	0	2	0
1985 Truck only accidents	0	0	2	2	2	3	2	1	1	1
1984 Truck only accidents	0	2	4	0	2	3	0	0	1	1

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

	Segment Number									
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
Accidents / mile										
1988 Total accidents/mi	3.46	3.12	1.63	3.04	2.05	3.36	2.19	2.58	1.87	0.48
1987 Total accidents/mi	3.46	1.56	1.50	2.28	2.27	2.14	4.37	1.29	0.94	1.44
1986 Total accidents/mi	1.15	0.78	1.75	3.80	3.56	2.14	1.31	0.00	1.41	2.17
1985 Total accidents/mi	2.30	0.78	1.88	5.69	2.38	2.75	2.62	5.15	1.41	1.69
1984 Total accidents/mi	0.00	1.56	1.25	1.52	3.24	1.68	2.19	1.29	1.41	0.96
1988 Truck accidents/mi	0.00	0.78	0.25	0.00	0.22	0.31	0.44	0.00	0.47	0.00
1987 Truck accidents/mi	0.00	0.00	0.13	0.76	0.11	0.15	0.44	1.29	0.00	0.00
1986 Truck accidents/mi	1.15	0.00	0.38	0.38	0.32	0.31	0.00	0.00	0.94	0.00
1985 Truck accidents/mi	0.00	0.00	0.25	0.76	0.22	0.46	0.87	1.29	0.47	0.24
1984 Truck accidents/mi	0.00	0.78	0.50	0.00	0.22	0.46	0.00	0.00	0.47	0.24
Accidents / km										
1988 Total accidents/km	2.15	1.94	1.01	1.89	1.27	2.09	1.36	1.60	1.16	0.30
1987 Total accidents/km	2.15	0.97	0.93	1.41	1.41	1.33	2.71	0.80	0.58	0.90
1986 Total accidents/km	0.72	0.48	1.09	2.36	2.21	1.33	0.81	0.00	0.87	1.35
1985 Total accidents/km	1.43	0.48	1.17	3.54	1.48	1.71	1.63	3.20	0.87	1.05
1984 Total accidents/km	0.00	0.97	0.78	0.94	2.01	1.04	1.36	0.80	0.87	0.60
1988 Truck accidents/km	0.00	0.48	0.16	0.00	0.13	0.19	0.27	0.00	0.29	0.00
1987 Truck accidents/km	0.00	0.00	0.08	0.47	0.07	0.09	0.27	0.80	0.00	0.00
1986 Truck accidents/km	0.72	0.00	0.23	0.24	0.20	0.19	0.00	0.00	0.58	0.00
1985 Truck accidents/km	0.00	0.00	0.16	0.47	0.13	0.28	0.54	0.80	0.29	0.15
1984 Truck accidents/km	0.00	0.48	0.31	0.00	0.13	0.28	0.00	0.00	0.29	0.15
Accidents / MVMT										
1988 Total accidents/MVMT	108	121	55	102	69	113	65	91	58	15
1987 Total accidents/MVMT	115	65	55	83	82	78	139	50	32	48
1986 Total accidents/MVMT	44	38	74	159	149	89	47	0	53	81
1985 Total accidents/MVMT	96	40	79	238	99	115	93	221	53	62
1984 Total accidents/MVMT	0	84	56	67	144	75	83	59	56	37
Average.....	73	70	64	130	109	94	85	84	50	49
Standard Deviation....	44	31	10	62	32	17	31	74	9	22
1988 Truck accidents/MTMT	0	104	34	0	29	41	56	0	60	0
1987 Truck accidents/MTMT	0	0	18	110	16	22	61	186	0	0
1986 Truck accidents/MTMT	170	0	63	63	54	51	0	0	148	0
1985 Truck accidents/MTMT	0	0	42	127	36	77	135	205	73	37
1984 Truck accidents/MTMT	0	146	90	0	38	82	0	0	77	39
Average.....	34	50	49	60	35	54	50	78	72	15
Standard Deviation....	62	57	23	49	11	20	46	88	43	17

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

Segment Number

	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20
Basic Data										
Length in mi (1)	3.764	5.104	11.4	6.138	7.038	1	1.026	0.699	1.982	1.722
Length in km (1)	6.061	8.218	18.356	9.883	11.333	1.610	1.652	1.126	3.191	2.773
Functional classification (2)	1	1	1	1	2	2	2	2	2	2
Road class (2)	5	5	5	5	5	5	5	5	5	5
Traffic Data (1)										
1988 Total traffic	3270400	3270400	3343400	3774100	3494875	3494875	3261275	3261275	7462425	13660125
1987 Total traffic	2980225	2980225	3064175	3520425	3230250	3230250	3014900	3014900	6925875	12461100
1986 Total traffic	2688225	2688225	2764875	3151775	2826925	2826925	2536750	2536750	6141125	11132500
1985 Total traffic	2701000	2701000	2781300	3111625	2874375	2874375	2445500	2445500	5898400	10663475
1984 Total traffic	2600625	2600625	2669975	2956500	2701000	2701000	2423600	2423600	5259650	9935300
1988 Truck traffic	784750	784750	802270	943525	943525	943525	978565	978565	1044630	1092810
1987 Truck traffic	715400	715400	735475	880015	872350	872350	904470	904470	969805	996815
1986 Truck Traffic	645320	645320	663570	819425	791685	791685	837310	837310	859940	1113250
1985 Truck Traffic	648240	648240	667585	809205	804825	804825	807015	807015	825630	1066530
1984 Truck Traffic	624150	624150	640940	709560	621230	621230	508810	508810	789130	993530
Vehicle Miles Traveled										
1988 Total VMT	12309786	16692122	38114760	23165426	24596930	3494875	3346068	2279631	14790526	23522735
1987 Total VMT	11217567	15211068	34931595	21608369	22734500	3230250	3093287	2107415	13727084	21458014
1986 Total VMT	10118479	13720700	31519575	19345595	19895898	2826925	2602706	1773188	12171710	19170165
1985 Total VMT	10166564	13785904	31706820	19099154	20229851	2874375	2509083	1709405	11690629	18362504
1984 Total VMT	9788753	13273590	30437715	18146997	19009638	2701000	2486614	1694096	10424626	17108587
1988 Truck VMT	784754	784755	802281	943531	943532	943526	978566	978566	1044632	1092812
1987 Truck VMT	715404	715405	735486	880021	872357	872351	904471	904471	969807	996817
1986 Truck VMT	645324	645325	663581	819431	791692	791686	837311	837311	859942	1113252
1985 Truck VMT	648244	648245	667596	809211	804832	804826	807016	807016	825632	1066532
1984 Truck VMT	624154	624155	640951	709566	621237	621231	508811	508811	789132	993532
Vehicle Kilometers Traveled										
1988 Total VKT	19821217	26877654	61372387	37300969	39605977	3627448	5387839	3670662	23815706	37876308
1987 Total VKT	18062526	24492862	56246834	34793795	36607091	5201349	4980811	3393360	22103351	34551694
1986 Total VKT	16292775	22093072	50752820	31150277	32036375	4551915	4190876	2855188	19598887	30867800
1985 Total VKT	16370201	22198063	51054322	30753458	32574106	4628319	4040125	2752483	18824250	29567304
1984 Total VKT	15761849	21373135	49010809	29220295	30609319	4349150	4003945	2727834	16785733	27548246
1988 Truck VKT	4756207	6449437	14726693	9325242	10692580	1519264	1616653	1101404	3333849	3030105
1987 Truck VKT	4335891	5879487	13500585	8697547	9885983	1404658	1494263	1018008	3095052	2763933
1986 Truck VKT	3911151	5303537	12180677	8098711	8971840	1274771	1383291	942417	2744427	3086780
1985 Truck VKT	3928848	5327535	12254377	7997703	9120750	1295929	1333241	908319	2634929	2957236
1984 Truck VKT	3782844	5129552	11765274	7012871	7040143	1000305	840587	572681	2518442	2754825
Accident Data										
1988 Total accidents	5	11	24	22	8	1	3	9	37	50
1987 Total accidents	3	13	21	9	9	4	0	8	34	37
1986 Total accidents	5	10	26	12	8	2	2	7	22	43
1985 Total accidents	5	10	26	12	17	2	1	6	26	34
1984 Total accidents	7	7	11	8	8	4	5	7	28	49
1988 Truck only accidents	1	1	1	4	2	0	0	1	1	1
1987 Truck only accidents	0	2	2	1	3	0	0	0	4	4
1986 Truck only accidents	0	3	1	0	2	0	0	1	2	3
1985 Truck only accidents	1	0	3	3	2	1	0	0	3	3
1984 Truck only accidents	1	1	3	2	1	0	0	0	2	3

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

	Segment Number									
	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20
Accidents / mile										
1988 Total accidents/mi	1.33	2.16	2.11	3.58	1.14	1.00	2.92	12.88	18.67	29.04
1987 Total accidents/mi	0.80	2.55	1.84	1.47	1.28	4.00	0.00	11.44	17.15	21.49
1986 Total accidents/mi	1.33	1.96	2.28	1.96	1.14	2.00	1.95	10.01	11.10	24.97
1985 Total accidents/mi	1.33	1.96	2.28	1.96	2.42	2.00	0.97	8.58	13.12	19.74
1984 Total accidents/mi	1.86	1.37	0.96	1.30	1.14	4.00	4.87	10.01	14.13	28.46
1988 Truck accidents/mi	0.27	0.20	0.09	0.65	0.28	0.00	0.00	1.43	0.50	0.58
1987 Truck accidents/mi	0.00	0.39	0.18	0.16	0.43	0.00	0.00	0.00	2.02	2.32
1986 Truck accidents/mi	0.00	0.59	0.09	0.00	0.28	0.00	0.00	1.43	1.01	1.74
1985 Truck accidents/mi	0.27	0.00	0.26	0.49	0.28	1.00	0.00	0.00	1.51	1.74
1984 Truck accidents/mi	0.27	0.20	0.26	0.33	0.14	0.00	0.00	0.00	1.01	1.74
Accidents / km										
1988 Total accidents/km	0.82	1.34	1.31	2.23	0.71	0.62	1.82	8.00	11.59	18.03
1987 Total accidents/km	0.49	1.58	1.14	0.91	0.79	2.48	0.00	7.11	10.65	13.34
1986 Total accidents/km	0.82	1.22	1.42	1.21	0.71	1.24	1.21	6.22	6.89	15.51
1985 Total accidents/km	0.82	1.22	1.42	1.21	1.50	1.24	0.61	5.33	8.15	12.26
1984 Total accidents/km	1.15	0.85	0.60	0.81	0.71	2.48	3.03	6.22	8.77	17.67
1988 Truck accidents/km	0.16	0.12	0.05	0.40	0.18	0.00	0.00	0.89	0.31	0.36
1987 Truck accidents/km	0.00	0.24	0.11	0.10	0.26	0.00	0.00	0.00	1.25	1.44
1986 Truck accidents/km	0.00	0.37	0.05	0.00	0.18	0.00	0.00	0.89	0.63	1.08
1985 Truck accidents/km	0.16	0.00	0.16	0.30	0.18	0.62	0.00	0.00	0.94	1.08
1984 Truck accidents/km	0.16	0.12	0.16	0.20	0.09	0.00	0.00	0.00	0.63	1.08
Accidents / MVT										
1988 Total accidents/MVT	41	66	63	95	33	29	90	395	250	213
1987 Total accidents/MVT	27	85	60	42	40	124	0	380	248	172
1986 Total accidents/MVT	49	73	82	62	40	71	77	395	181	224
1985 Total accidents/MVT	49	73	82	63	84	70	40	351	222	185
1984 Total accidents/MVT	72	53	36	44	42	148	201	413	269	286
Average.....	47	70	65	61	48	88	81	387	234	216
Standard Deviation....	15	11	17	19	18	43	67	21	30	40
1988 Truck accidents/MTMT	34	25	11	69	30	0	0	146	48	53
1987 Truck accidents/MTMT	0	55	24	19	49	0	0	0	208	233
1986 Truck accidents/MTMT	0	91	13	0	36	0	0	171	117	156
1985 Truck accidents/MTMT	41	0	39	60	35	124	0	0	183	163
1984 Truck accidents/MTMT	43	31	41	46	23	0	0	0	128	175
Average.....	23	40	26	39	35	25	0	63	137	156
Standard Deviation....	19	31	13	26	9	50	0	78	56	58

1. N.D.O.T. 1988 Annual Traffic Report

2. N.D.O.T. Record Layout and Description for the Accident Records

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

	Segment Number									
	1.21	1.22	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
Basic Data										
Length in mi (1)	1.238	0.575	0.352	0.721	1.049	0.784	0.995	1.168	0.839	1.018
Length in km (1)	1.993	0.926	0.567	1.161	1.689	1.262	1.602	1.881	1.351	1.639
Functional classification (2)	2	2	12	12	12	12	12	12	12	12
Road class (2)	5	5	5	5	5	5	5	5	5	5
Traffic Data (1)										
1988 Total traffic	23104500	24619250	42489650	37213575	32933950	29787650	24077225	17410500	11497500	8997250
1987 Total traffic	21547775	23768800	39691925	36370425	32001175	28674400	22890975	15901225	11028475	8176000
1986 Total traffic	19788475	22299675	33030675	31811575	27608600	24237825	18998250	11948275	6621100	5825400
1985 Total traffic	19025625	21670050	26340225	25331000	21810575	19341350	14665700	8803800	4827125	4463950
1984 Total traffic	17538250	19600500	26681300	23515125	20410800	17839375	13461200	8117600	3978500	3277700
1988 Truck traffic	1617315	1969540	1274580	1116535	988055	893520	722335	522315	344925	359890
1987 Truck traffic	1508180	1901650	1190630	1090985	959950	860305	686565	477055	330690	327040
1986 Truck Traffic	1583005	1784120	990975	954475	828185	727080	570130	358430	198560	232870
1985 Truck Traffic	1522050	1733750	790225	759930	654445	580350	439825	264260	144905	178485
1984 Truck Traffic	1403060	1568040	740585	705545	612470	535090	403690	243455	119355	131035
Vehicle Miles Traveled										
1988 Total VMT	28603371	14156069	14956357	26830988	34547714	23353518	23956839	20335464	9646403	9159201
1987 Total VMT	26676145	13667060	13971558	26223076	33569442	22480730	22776520	18572631	9252891	8323168
1986 Total VMT	24498132	12822313	11626798	22936146	28961421	19002455	18903259	13955585	5555103	5930257
1985 Total VMT	23553724	12460279	9271759	18263651	22879293	15163618	14592372	10282838	4049958	4544301
1984 Total VMT	21712354	11270288	8687818	16954405	21410929	13986070	13393894	9481357	3337962	3336699
1988 Truck VMT	2002236	1132486	448652	805022	1036470	700520	718723	610064	289392	366368
1987 Truck VMT	1867127	1093449	419102	786600	1006988	674479	683132	557200	277449	332927
1986 Truck VMT	1959760	1025869	348823	688176	868766	570031	567279	418646	166592	237062
1985 Truck VMT	1884298	996906	278159	547910	686513	454994	437626	308656	121575	181698
1984 Truck VMT	1736988	901623	260686	508698	642481	419511	401672	284355	100139	133394
Vehicle Kilometers Traveled										
1988 Total VKT	46057148	22794102	24082726	43203256	55628728	37603834	38575302	32744164	15532637	14748145
1987 Total VKT	42953929	22006700	22497002	42224398	54053516	36198471	36674753	29905650	14899004	13401965
1986 Total VKT	39446892	20646489	18721469	36931782	46633681	30597753	30438027	22471283	8944827	9548900
1985 Total VKT	37926206	20063541	14929387	29408131	36840238	24416458	23496637	16557426	6521242	7317234
1984 Total VKT	34961232	18147417	13989124	27299983	34475878	22520370	21566848	15266881	5374786	5372752
1988 Truck VKT	3224000	1823528	722420	1296246	1668924	1127977	1157288	982325	465979	589926
1987 Truck VKT	3006448	1760671	674838	1266584	1621451	1086046	1099979	897204	446748	536079
1986 Truck VKT	3155606	1651854	561675	1108102	1398887	917863	913433	674104	268246	381717
1985 Truck VKT	3034096	1605218	447892	882244	1105423	732632	704665	496997	195761	292570
1984 Truck VKT	2796899	1451793	419756	819105	1034523	675496	646772	457869	161244	214790
Accident Data										
1988 Total accidents	46	30	71	40	152	80	15	67	46	26
1987 Total accidents	44	32	63	48	151	85	18	48	44	32
1986 Total accidents	49	30	43	29	102	72	16	46	33	11
1985 Total accidents	35	23	34	17	80	53	10	35	25	14
1984 Total accidents	62	50	35	24	70	49	10	28	11	9
1988 Truck only accidents	1	3	2	0	5	2	0	1	0	0
1987 Truck only accidents	4	2	0	1	1	0	0	1	0	0
1986 Truck only accidents	4	1	2	0	3	1	0	1	1	1
1985 Truck only accidents	7	1	1	0	1	0	0	3	0	0
1984 Truck only accidents	4	2	0	1	2	0	0	1	0	0

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

		Segment Number									
		1.21	1.22	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
Accidents / mile											
1988 Total	accidents/mi	37.16	52.17	201.70	55.48	144.90	102.04	15.08	57.36	54.93	25.54
1987 Total	accidents/mi	35.54	55.65	178.98	66.57	143.95	108.42	18.09	41.10	52.44	31.43
1986 Total	accidents/mi	39.58	52.17	122.16	40.22	97.24	91.84	16.08	39.38	39.33	10.81
1985 Total	accidents/mi	28.27	40.00	96.59	23.58	76.26	67.60	10.05	29.97	29.80	13.75
1984 Total	accidents/mi	50.08	86.96	99.43	33.29	66.73	62.50	10.05	23.97	13.11	8.84
1988 Truck accidents/mi		0.81	5.22	5.68	0.00	4.77	2.55	0.00	0.86	0.00	0.00
1987 Truck accidents/mi		3.23	3.48	0.00	1.39	0.95	0.00	0.00	0.86	0.00	0.00
1986 Truck accidents/mi		3.23	1.74	5.68	0.00	2.86	1.28	0.00	0.86	1.19	0.98
1985 Truck accidents/mi		5.65	1.74	2.84	0.00	0.95	0.00	0.00	2.57	0.00	0.00
1984 Truck accidents/mi		3.23	3.48	0.00	1.39	1.91	0.00	0.00	0.86	0.00	0.00
Accidents / km											
1988 Total	accidents/km	23.08	32.40	125.27	34.45	89.99	63.87	9.36	35.62	34.05	15.86
1987 Total	accidents/km	22.07	34.56	111.15	41.35	89.40	67.33	11.23	25.52	32.57	19.52
1986 Total	accidents/km	24.58	32.40	75.87	24.98	60.39	57.03	9.99	24.46	24.43	6.71
1985 Total	accidents/km	17.56	24.84	59.99	14.64	47.36	41.98	6.24	18.61	18.51	8.54
1984 Total	accidents/km	31.10	54.00	61.75	20.67	41.44	38.82	6.24	14.89	8.14	5.49
1988 Truck accidents/km		0.50	3.24	3.53	0.00	2.96	1.58	0.00	0.53	0.00	0.00
1987 Truck accidents/km		2.01	2.16	0.00	0.86	0.59	0.00	0.00	0.53	0.00	0.00
1986 Truck accidents/km		2.01	1.08	3.53	0.00	1.78	0.79	0.00	0.53	0.74	0.61
1985 Truck accidents/km		3.51	1.08	1.76	0.00	0.59	0.00	0.00	1.60	0.00	0.00
1984 Truck accidents/km		2.01	2.16	0.00	0.86	1.18	0.00	0.00	0.53	0.00	0.00
Accidents / MVMT											
1988 Total	accidents/MVMT	161	212	475	149	440	343	63	329	477	284
1987 Total	accidents/MVMT	165	234	451	183	450	378	79	258	476	384
1986 Total	accidents/MVMT	200	234	370	126	352	379	85	330	594	185
1985 Total	accidents/MVMT	149	185	367	93	350	350	69	340	617	308
1984 Total	accidents/MVMT	286	444	403	142	327	350	75	295	330	270
Average.....		192	262	413	139	384	360	74	311	499	286
Standard Deviation....		50	93	43	29	51	15	8	30	103	64
1988 Truck accidents/MTMT		50	265	446	0	482	286	0	164	0	0
1987 Truck accidents/MTMT		214	183	0	127	99	0	0	179	0	0
1986 Truck accidents/MTMT		204	97	573	0	345	175	0	239	600	422
1985 Truck accidents/MTMT		371	100	360	0	146	0	0	972	0	0
1984 Truck accidents/MTMT		230	222	0	197	311	0	0	352	0	0
Average.....		214	173	276	65	277	92	0	381	120	84
Standard Deviation....		102	66	235	82	139	118	0	303	240	169

1. M.D.O.T. 1988 Annual Traffic Report
2. M.D.O.T. Record Layout and Description for the Accident Records

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

	Segment Number									
	2.9	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18
Basic Data										
Length in mi (1)	1.032	1.024	0.512	0.508	0.928	0.467	2.4	2.9	1	12.65
Length in km (1)	1.662	1.649	0.824	0.818	1.494	0.752	3.864	4.670	1.610	20.369
Functional classification (2)	12	12	12	12	12	12	12	12	3	3
Road class (2)	5	5	5	5	5	5	5	5	5	5
Traffic Data (1)										
1988 Total traffic	6752500	5329000	4197500	3686500	2839700	3027675	3027675	3027675	1801275	1801275
1987 Total traffic	5949500	5037000	3905500	3115275	2304975	2932775	2932775	2932775	1700900	1700900
1986 Total traffic	4745000	3869000	3180975	2735675	1912600	2726550	2726550	2726550	1631550	1631550
1985 Total traffic	4234000	3425525	2799550	2642600	1846900	2626175	2626175	2626175	1540300	1540300
1984 Total traffic	3111625	2677275	2471050	2332350	1569500	2401700	2401700	2401700	1387000	1387000
1988 Truck traffic	270100	266450	251850	258055	283970	302950	302950	302950	306235	306235
1987 Truck traffic	237980	251850	234330	217905	230680	293460	293460	293460	289080	289080
1986 Truck Traffic	189800	193450	190895	191625	191260	272655	272655	272655	277400	277400
1985 Truck Traffic	169360	171185	167900	185055	184690	262800	262800	262800	246375	246375
1984 Truck Traffic	124465	133955	123735	139795	156950	240170	240170	240170	221920	221920
Vehicle Miles Traveled										
1988 Total VMT	6968580	5456896	2149120	1872742	2635242	1413924	7266420	8780258	1801275	22786129
1987 Total VMT	6139884	5157888	1999616	1582560	2139017	1369606	7038660	8505048	1700900	21516385
1986 Total VMT	4896840	3961856	1628659	1389723	1774893	1273299	6543720	7906995	1631550	20639108
1985 Total VMT	4369488	3507738	1433370	1342441	1713923	1226424	6302820	7615908	1540300	19484795
1984 Total VMT	3211197	2741530	1265178	1184834	1456496	1121594	5764080	6964930	1387000	17545550
1988 Truck VMT	278743	272845	128947	131092	263524	141478	727080	878555	306235	3873873
1987 Truck VMT	245595	257894	119977	110696	214071	137048	704304	851034	289080	3656862
1986 Truck VMT	195874	198093	97738	97346	177489	127330	654372	790700	277400	3509110
1985 Truck VMT	174780	175293	85965	94008	171392	122728	630720	762120	246375	3116644
1984 Truck VMT	128448	137170	63352	71016	145650	112159	576408	696493	221920	2807288
Vehicle Kilometers Traveled										
1988 Total VKT	11220808	8786694	3460513	3015489	4243266	2276701	11700389	14137971	2900053	36690170
1987 Total VKT	9886441	8305231	3219782	2548238	3444245	2205339	11333650	13694827	2738449	34645632
1986 Total VKT	7884892	6379381	2622467	2237732	2857932	2050266	10536698	12731843	2626796	33233042
1985 Total VKT	7035750	5648159	2308012	2161598	2759759	1974787	10148801	12263134	2479883	31374371
1984 Total VKT	5170669	4414411	2037189	1907819	2345250	1805990	9281322	11214930	2233070	28251803
1988 Truck VKT	448832	439335	207631	211084	424327	227807	1170744	1414649	493038	6237701
1987 Truck VKT	395458	415262	193187	178242	344697	220671	1134070	1370335	465419	5888271
1986 Truck VKT	315396	318969	157378	156746	285793	205027	1053670	1273184	446614	5650361
1985 Truck VKT	281430	282257	138421	151372	275976	197616	1015585	1227166	396664	5018412
1984 Truck VKT	206827	220871	102010	114350	234525	180599	928132	1121493	357291	4520288
Accident Data										
1988 Total accidents	39	9	14	6	5	2	1	2	3	14
1987 Total accidents	45	11	17	16	7	4	6	5	3	13
1986 Total accidents	28	6	12	11	3	1	4	0	0	19
1985 Total accidents	10	3	6	7	7	3	7	2	5	11
1984 Total accidents	7	3	6	11	8	2	6	5	4	15
1988 Truck only accidents	0	0	0	0	1	0	0	0	0	2
1987 Truck only accidents	0	0	0	0	0	0	0	0	0	0
1986 Truck only accidents	0	0	0	0	0	1	0	0	0	0
1985 Truck only accidents	0	1	0	1	1	0	0	0	0	1
1984 Truck only accidents	0	0	0	0	0	0	0	0	0	2

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

	Segment Number									
	2.9	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18
Accidents / mile										
1988 Total accidents/mi	37.79	8.79	27.34	11.81	5.39	4.28	0.42	0.69	3	1.11
1987 Total accidents/mi	43.60	10.74	33.20	31.50	7.54	8.57	2.50	1.72	3	1.03
1986 Total accidents/mi	27.13	5.86	23.44	21.65	3.23	2.14	1.67	0.00	0	1.50
1985 Total accidents/mi	9.69	2.93	11.72	13.78	7.54	6.42	2.92	0.69	5	0.87
1984 Total accidents/mi	6.78	2.93	11.72	21.65	8.62	4.28	2.50	1.72	4	1.19
1988 Truck accidents/mi	0.00	0.00	0.00	0.00	1.08	0.00	0.00	0.00	0.00	0.16
1987 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0.00	0.00	0.00
1985 Truck accidents/mi	0.00	0.98	0.00	1.97	1.08	0.00	0.00	0.00	0.00	0.08
1984 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Accidents / km										
1988 Total accidents/km	23.47	5.46	16.98	7.34	3.35	2.66	0.26	0.43	1.86	0.69
1987 Total accidents/km	27.08	6.67	20.62	19.56	4.68	5.32	1.55	1.07	1.86	0.64
1986 Total accidents/km	16.85	3.64	14.56	13.45	2.01	1.33	1.04	0.00	0.00	0.93
1985 Total accidents/km	6.02	1.82	7.28	8.56	4.68	3.99	1.81	0.43	3.11	0.54
1984 Total accidents/km	4.21	1.82	7.28	13.45	5.35	2.66	1.55	1.07	2.48	0.74
1988 Truck accidents/km	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.10
1987 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.00
1985 Truck accidents/km	0.00	0.61	0.00	1.22	0.67	0.00	0.00	0.00	0.00	0.05
1984 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
Accidents / MVMT										
1988 Total accidents/MVMT	560	165	651	320	190	141	14	23	167	61
1987 Total accidents/MVMT	733	213	850	1011	327	292	85	59	176	60
1986 Total accidents/MVMT	572	151	737	792	169	79	61	0	0	92
1985 Total accidents/MVMT	229	86	419	521	408	245	111	26	325	56
1984 Total accidents/MVMT	218	109	474	928	549	178	104	72	288	85
Average.....	462	145	626	715	329	187	75	36	191	71
Standard Deviation....	204	45	161	258	141	75	35	26	114	15
1988 Truck accidents/MTMT	0	0	0	0	379	0	0	0	0	52
1987 Truck accidents/MTMT	0	0	0	0	0	0	0	0	0	0
1986 Truck accidents/MTMT	0	0	0	0	0	785	0	0	0	0
1985 Truck accidents/MTMT	0	570	0	1064	583	0	0	0	0	32
1984 Truck accidents/MTMT	0	0	0	0	0	0	0	0	0	71
Average.....	0	114	0	213	193	157	0	0	0	31
Standard Deviation....	0	228	0	425	245	314	0	0	0	28

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

	Segment Number			
	2.19	2.20	2.21	2.22
Basic Data				
Length in mi (1)	12.803	1	1	17.290
Length in km (1)	20.615	1.610	1.610	27.840
Functional classification (2)	3	3	3	3
Road class (2)	5	5	5	5
Traffic Data (1)				
1988 Total traffic	1527525	1527525	1282975	1282975
1987 Total traffic	1496500	1496500	1241000	1241000
1986 Total traffic	1483725	1483725	1237350	1237350
1985 Total traffic	1387000	1387000	1178950	1178950
1984 Total traffic	1241000	1241000	1144275	1144275
1988 Truck traffic	244550	244550	105130	105130
1987 Truck traffic	239440	239440	136510	136510
1986 Truck Traffic	237250	237250	136145	136145
1985 Truck Traffic	208050	208050	129575	129575
1984 Truck Traffic	186150	186150	125925	125925
Vehicle Miles Traveled				
1988 Total VMT	19556903	1527525	1282975	22182638
1987 Total VMT	19159690	1496500	1241000	21456890
1986 Total VMT	18996131	1483725	1237350	21393782
1985 Total VMT	17757761	1387000	1178950	20384046
1984 Total VMT	15888523	1241000	1144275	19784515
1988 Truck VMT	3130974	244550	105130	1817698
1987 Truck VMT	3065550	239440	136510	2360258
1986 Truck VMT	3037512	237250	136145	2353947
1985 Truck VMT	2663664	208050	129575	2240352
1984 Truck VMT	2383278	186150	125925	2177243
Vehicle Kilometers Traveled				
1988 Total VKT	31489928	2459315	2065590	35718024
1987 Total VKT	30850347	2409365	1998010	34549440
1986 Total VKT	30586991	2388797	1992134	34447824
1985 Total VKT	28593005	2233070	1898110	32821968
1984 Total VKT	25583215	1998010	1842283	31856616
1988 Truck VKT	5041398	393726	169250	2926819
1987 Truck VKT	4936056	385498	219781	3800438
1986 Truck VKT	4890909	381973	219193	3790277
1985 Truck VKT	4288951	334961	208616	3607368
1984 Truck VKT	3837482	299702	202739	3505752
Accident Data				
1988 Total accidents	12	1	1	21
1987 Total accidents	15	4	1	11
1986 Total accidents	14	3	0	14
1985 Total accidents	12	1	0	23
1984 Total accidents	13	0	4	14
1988 Truck only accidents	0	0	0	0
1987 Truck only accidents	3	0	0	1
1986 Truck only accidents	1	0	0	0
1985 Truck only accidents	0	1	0	0
1984 Truck only accidents	0	0	0	2

Route: I-15 to US 95 from Arizona

Highway Traffic and Accident History (cont)

	Segment Number			
	2.19	2.20	2.21	2.22
Accidents / mile				
1988 Total accidents/mi	0.94	1	1	1.21
1987 Total accidents/mi	1.17	4	1	0.64
1986 Total accidents/mi	1.09	3	0	0.81
1985 Total accidents/mi	0.94	1	0	1.33
1984 Total accidents/mi	1.02	0	4	0.81
1988 Truck accidents/mi	0.00	0.00	0.00	0.00
1987 Truck accidents/mi	0.23	0.00	0.00	0.06
1986 Truck accidents/mi	0.08	0.00	0.00	0.00
1985 Truck accidents/mi	0.00	1.00	0.00	0.00
1984 Truck accidents/mi	0.00	0.00	0.00	0.12
Accidents / km				
1988 Total accidents/km	0.58	0.62	0.62	0.75
1987 Total accidents/km	0.73	2.48	0.62	0.40
1986 Total accidents/km	0.68	1.86	0.00	0.50
1985 Total accidents/km	0.58	0.62	0.00	0.83
1984 Total accidents/km	0.63	0.00	2.48	0.50
1988 Truck accidents/km	0.00	0.00	0.00	0.00
1987 Truck accidents/km	0.15	0.00	0.00	0.04
1986 Truck accidents/km	0.05	0.00	0.00	0.00
1985 Truck accidents/km	0.00	0.62	0.00	0.00
1984 Truck accidents/km	0.00	0.00	0.00	0.07
Accidents / MVMT				
1988 Total accidents/MVMT	61	65	78	95
1987 Total accidents/MVMT	78	267	81	51
1986 Total accidents/MVMT	74	202	0	65
1985 Total accidents/MVMT	68	72	0	113
1984 Total accidents/MVMT	82	0	350	71
Average.....	73	121	102	79
Standard Deviation....	7	98	129	22
1988 Truck accidents/MTMT	0	0	0	0
1987 Truck accidents/MTMT	98	0	0	42
1986 Truck accidents/MTMT	33	0	0	0
1985 Truck accidents/MTMT	0	481	0	0
1984 Truck accidents/MTMT	0	0	0	92
Average.....	26	96	0	27
Standard Deviation....	38	192	0	36

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Appendix 2-R

Route: I-15 to US 93 from Arizona

Bridges and Culverts

Bridge	I-15	I-978
Bridge	I-15	Town Wash B-977
Bridge	I-15	I-975
Bridge	I-15	Toquop Wash B-571
Bridge	I-15	I-974
Culvert	I-15	Double 12'X4' RCB B-1169
Bridge	I-15	East Mesa I-1109
Culvert	I-15	Double 10'X6' RCB B-1168
Bridge	I-15	Carp-Elgin Int I-973
Bridge	I-15	Overton Int I-783
Bridge	I-15	Glendale I-782
Bridge	I-15	Muddy River B-781
Bridge	I-15	Moapa Int I-780
Bridge	I-15	Hidden Valley I-841
Culvert	I-15	Triple 10'X4' RCB B-1053
Bridge	I-15	Byron Int I-840
Bridge	I-15	Ute Int I-838
Bridge	I-15	Valley of Fire I-666
Culvert	I-15	Quad 10'X6' RCB B-690
Bridge	I-15	Dry Wash B-696
Bridge	I-15	US 93 Int I-972
Culvert	I-15	Double 12'X5' RCB B-1072
Culvert	I-15	Double 10'X3' RCB B-1070
Bridge	I-15	Apex Int I-969

Route: I-15 to US 95 from Arizona

Bridges and Culverts (cont)

Culvert	I-15	Triple 10'X5' RCB B-1052
Culvert	I-15	Double 12'X5' RCB B-1021
Culvert	I-15	Triple 12'X5' RCB B-967
Culvert	I-15	Double 12'X4' RCB B-596
Culvert	I-15	Triple 12'x4' RCB B-966
Culvert	I-15	Double 10'X3' RCB B-1043
Culvert	I-15	Double 10'X4' RCB B-964
Culvert	I-15	Triple 12'X4' RCB B-963
Culvert	I-15	Double 12'X4' RCB B-962
Bridge	I-15	Lamb Blvd I-959
Bridge	I-15	Dry Wash B-976
Bridge	I-15	Craig Road Int I-956
Culvert	I-15	Double 12'X6' RCB B-957
Bridge	I-15	Las Vegas Wash B-954
Bridge	I-15	Cheyenne Int I-1126
Bridge	I-15	Ramp F I-952
Bridge	I-15	Lake Mead Int I-950
Bridge	I-15	N Las Vegas UPRR Underpass
Bridge	I-15	Washington Ave I-943
Bridge	I-15	D street I-1340
Bridge	US 95	Highland Int I-945
Bridge	US 95	Rancho Int I-944
Bridge	US 95	Dry Wash B-1439
Bridge	US 95	Dry Wash B-1473

Route: I-15 to US 95 from Arizona

Bridges and Culverts (cont)

Culvert	US 95	B-1078
Culvert	US 95	B-1081
Culvert	US 95	B-1083
Culvert	US 95	B-1085
Culvert	US 95	B-1056
Culvert	US 95	B-1106

Route: I-15 to US 95 from Arizona

Posted Speed Limit by Segment

Segment	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	1.13
MPH	65	65	65	65	65	65	65	65	65	65	65	65	65
Distance	0.868	2.563	7.993	2.635	9.258	6.543	2.288	0.776	2.135	4.154	3.764	5.104	11.4
Travel T.	0.013	0.039	0.123	0.041	0.142	0.101	0.035	0.012	0.033	0.064	0.058	0.079	0.175
Segment	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	2.1	2.2	2.3	2.4
MPH	65	65	65	65	55	55	55	55	55	55	55	55	55
Distance	6.138	7.038	1	1.026	0.699	1.982	1.722	1.238	0.575	0.352	0.721	1.049	0.784
Travel T.	0.094	0.108	0.015	0.016	0.013	0.036	0.031	0.023	0.010	0.006	0.013	0.019	0.014
Segment	2.5	2.6	2.7	2.8	2.9	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17
MPH	55	55	55	55	55	55	55	55	55	65	65	65	65
Distance	0.995	1.168	0.839	1.108	1.032	1.024	0.512	0.508	0.928	0.467	2.4	2.9	1
Travel T.	0.018	0.021	0.015	0.020	0.019	0.019	0.009	0.009	0.017	0.007	0.037	0.045	0.015
Segment	2.18	2.19	2.20	2.21	2.22								
MPH	65	65	65	65	65								
Distance	12.65	12.803	1	1	17.29								
Travel T.	0.195	0.197	0.015	0.015	0.266								

Total Travel Time: 2.25 hours

Appendix 2-8

Route: I-15 to US 95 from Arizona

Resident Population

(population density calculated within 0.5 mile-wide corridor along route)

WEIGHTED POPULATION DENSITY FOR SEG. 1.16 TO SEG. 2.17

Taseg : TOTAL AREA WITHIN SEGMENT

Wtpop : SUM([Ci/Taseg]*[Bi])

SEGMENT NUMBER	(A) ZIPCODE	(Bi) POP.DEN.	(Ci) FRACT. UNIT	(Wtpop) WEIGHTED POP.DEN (#/sq mi)	SEGMENT NUMBER	(A) ZIPCODE	(Wtpop) WEIGHTED POP.DEN (#/sq mi)
1.16	89115	510	0.262	291	2.8	89108	3436
	89124	7	0.233			89128	
	89030	682	0.022				
		Taseg =	0.517		2.9	89108	3475
1.17	89115	510	0.035	671		89128	
	89030	682	0.486		2.10	89108	2435
		Taseg =	0.521			89129	
1.18	89115	510	0.016	675	2.11	89108	2572
	89030	682	0.335			89129	
		Taseg =	0.351		2.12	89108	2568
1.19	89030	682	0.997	682		89129	
1.20	89030	682	0.872	682	2.13	89108	2038
1.21	89030	682	0.129	3274		89129	
	89106	4070	0.420			89130	
		Taseg =	0.549		2.14	89129	491
1.22	89106	4070	0.301	4070		89130	
2.1	89106	4070	0.189	4070		89131	
2.2	89106	4070	0.372	4070	2.15	89129	283
2.3	89106	4070	0.016	5512		89130	
	89107	5559	0.499			89131	
		Taseg =	0.515		2.16	89129	169
2.4	89107	5559	0.392	5559		89131	
2.5	89107	5559	0.514	5559			
2.6	89107	5559	0.568	5424			
	89128	1957	0.022				
		Taseg =	0.590				
2.7	89107	5559	0.073	3481			
	89108	4953	0.135				
	89128	1957	0.230				
		Taseg =	0.438				

Appendix 2-T

Route: I-15 to US 95 from Arizona

Non-Resident Population Estimation

HOTELS AND MOTELS WITHIN VARIOUS BANDWIDTHS (multiply bandwidth by 2 to obtain corridor width)

LAS VEGAS HOTEL/MOTEL INVENTORY

DATE: DECEMBER 31, 1989

Source: LAS VEGAS VISITORS AND CONVENTION AUTHORITY

1989 visitor volume (A) = 18129684

1989 Ave. night stay (B) = 3.2

No. of room w/in B/width = Xi

Total Hotel/Motel Room = TOT(71929)

TYPE	Name of Resorts	HOT/MOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width	[(Xi)*(A)*(B)]/[365*TOT]
	Imperial Hotels Corp						
	A-Avis Apartments						
	Vacation Spa Resorts Div.						
	Great Western (7th Street)						
	MGM Sand Inc			720			
	Gold Key Motel(E Fremont)						
	Mc Kellar & Associates						
	Lee Canyon Ski Lift Inc						
	Mahoney Gary Motel						
	Woodrum & Heron Inc						
H	Silver Spur Hotel & Houston						
	Sunshine Motel Corp(LV Blvd S)						
	Las Vegas Hotel						
	Hyatt Lodge						
H	Sunset Motel (E Fremont)						
	Longhorn Hotel						
	Silver State Dev & Management						
H	Jackie Gaughen's Hotel			161			
	Linda Manor						
	Lamp Light Motel						
	Ye Kings Rest Motel						
	Mint Hotel/Casino						
H	Higgins Motel						
H	Squadron Executive Suites						
	Gold Key Motel(LV Blvd S)						
	Stage Coach Inn Inc						
	Tlaquepaque						
	Kings Rest Motel						
	Midway Motel						
	Tivoli						
	The Sixth & Carson Motel						
	Grayson Motel						
	Mahoney Gary Motel						
	Sky Motel	223		21			
	Mint Hotel/Casino						
	Vegas Motel						
	Mini Price Inn						
	Nevada Landing	41		300			
	Santa Fe Trail Motel						
	Gold Key Motel(E Fremont)						
H	Saint Tropez(Paradise road)						
	Pavlo Hattie May						
	Travel Inn				0.25 mile		
	Chief Motel Court				111	245	
H	Moulin Rouge Hotel	189	0.25	111			
H	Motel 5	184	0.50	11			
H	California Hotel/Casino	10	0.50	650			
H	Motel Vegas Verdes	188	0.50	14			
H	Motel Regency	187	0.50	48			
H	Union Plaza Hotel/Casino	61	0.50	1038			
H	Las Vegas Country Club	34	0.50	212			
H	Park Hotel/Casino	45	0.50	435	within		
H	Knotty Pine Motel	166	0.50	19	0.50 mile		
H	Golden Gate	23	0.50	106	2739	6053	
H	Downtown Convent Center Inn	76	0.50	95			

Route: I-15 to US 95 from Arizona

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/HOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)]/[365*TOT]
H	Town Palms Motel	249	1.00	90		
H	Caabeh Motel	98	1.00	100		
H	El Cortez Motel/Casino	15	1.00	308		
H	Arrowhead Motel	73	1.00	20		
H	Fremont Motel/Casino	52	1.00	452		
H	Lady Luck Motel/Casino	32	1.00	796		
H	La Siesta Motel	172	1.00	16		
H	Daisy Motel	109	1.00	151		
H	Robe's Motor Lodge	211	1.00	11		
H	Four Queens	19	1.00	720		
H	La Paloma Motel	170	1.00	20		
H	Eden's Motel	129	1.00	46		
H	Victory Motel-Motel	265	1.00	31		
H	Fitzgerald Motel/Casino	17	1.00	652		
H	Gold Spike	22	1.00	109		
H	Golden Inn Motel	148	1.00	71		
H	Keiserman Daniel Trust	94	1.00	81		
H	Travel Inn Motel	251	1.00	57		
H	Lee Motel	177	1.00	85		
H	Days Inn(Fremont)	110	1.00	147		
H	Branding Iron Motel	92	1.00	16		
H	Dixie Motel	121	1.00	10		
H	Downtown Motel	123	1.00	200		
H	Town Lodge Motel	248	1.00	46		
H	Arizona Charlies	3	1.00	100		
H	Golden Nugget Inc	24	1.00	1917		
H	El Cid Motel	130	1.00	162		
H	Ogden House	197	1.00	102		
H	Best Western Parkview Inn	82	1.00	56		
H	Vegas Chalet Motel	264	1.00	53		
H	Binion's Horseshoe	6	1.00	379		
H	Rainbow Vegas Motel	47	1.00	272		
H	Koala Imports	187	1.00	50		
H	Comfort Inn	104	1.00	150		
H	Uptown Motel	260	1.00	30		
H	Beverly Palms	278	1.00			
H	Apache Motel	71	1.00	44		
H	Crest Motel	107	1.00	154		
H	Hotel Nevada	28	1.00	161		
H	Starlite Motel	229	1.00	30		
H	Villa Inn Motel	266	1.00	44		
H	Vista Motel	269	1.00	43		
H	City Center Motel	102	1.00	57	within 1 mile	
H	Strip 91 Motel	232	1.00	17	10877	24035
H	Ninth Street Motel	193	1.00	82		
H	Oasis Motel	196	3.00	33		
H	Sulinda By Gaslight	234	3.00	155		
H	Travelers Motel	252	3.00	36		
H	Lucky Motel	180	3.00	28		
H	Best Western Nellis Motor Inn	81	3.00	52		
H	Nylon Motel & Trailer Park	195	3.00	8		
H	Somerset House Motel	226	3.00	104		
H	Liberty Inn Motel	178	3.00	28		
H	Del Mar Motel	113	3.00	35		
H	Royal Motel	214	3.00	14		
H	Desert Hills Motel	114	3.00	29		
H	Fun City	140	3.00	88		
H	Desert Moon Motel	116	3.00	24		
H	Fishers Arrivada Motel	72	3.00	20		
H	Tod Motel	246	3.00	108		
H	Gables	141	3.00	20		
H	Normandie Motel	194	3.00	15		
H	Silver Queen Motel	221	3.00	14		
H	Desert Star Motel	119	3.00	55		
H	Gethway Motel	142	3.00	45		

Route: I-15 to US 95 from Arizona

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/MOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)1]/(365*TOT)
M	Hilton Corp (Paradise)	36	3.00	3174		
M	Stardust Motel/Casino	58	3.00	1326		
M	Landmark Motel/Casino	33	3.00	499		
M	Villa Rome Motel	267	3.00	100		
M	Domino Motel	122	3.00	38		
M	Blue Angle Hotel	86	3.00	83		
M	Town & Country Motel	250	3.00	29		
M	Las Vegas Motel	176	3.00	21		
M	New West Motel	192	3.00	42		
M	Showboat Motel/Casino	56	3.00	488		
M	Forte Hotels Int.(downtown)	254	3.00	58		
M	Las Vegas Inn/Casino	175	3.00	223		
M	Forte Hotels Int.(LV Strip)	256	3.00	99		
M	Casa Blanca Inn	96	3.00	21		
M	U.S. Motel	259	3.00	36		
M	Villa Vegas Motel	268	3.00	23		
M	Valley Motel	263	3.00	22		
M	Cheyenne Motel	100	3.00	30		
M	El Rancho	16	3.00	1025		
M	Golden West Motel	149	3.00	15		
M	El Mirador	131	3.00	27		
M	Star View Motel	228	3.00	24		
M	Circus-Circus Motel/Casino	12	3.00	2788		
M	Lamplighter Motel	174	3.00	33		
M	Monterey Lodge motel	183	3.00	34		
M	Strip Motel	233	3.00	80		
M	Ferguson Motoresorts Inc	136	3.00	66		
M	Hialeah Motel	152	3.00	7		
M	Barcelona M Rest. & Lounge	74	3.00	179		
M	Safari Motel	217	3.00	23		
M	Rummel Motel	216	3.00	21		
M	High Hat	153	3.00	31		
M	Algiers	65	3.00	105		
M	Vegas World Motel/Casino	62	3.00	852		
M	Ambassador Motel East	75	3.00	102		
M	Exber Inc (Fremont)	273	3.00	115		
M	Thunderbird Motel/Casino	59	3.00	287		
M	Biltmore Vegas Motel	84	3.00	38		
M	Black Jack Motel	85	3.00	20		
M	Westward Ho Hotel LV	275	3.00	1000		
M	Bow & Arrow Motel	91	3.00	12		
M	Sky Ranch Motel	224	3.00	29		
M	Starr Motel	227	3.00	22		
M	Holiday House	156	3.00	75		
M	Rancho Anita Motel	208	3.00	30		
M	Royal Las Vegas Hotel	50	3.00	238		
M	Peter Pan Motel	203	3.00	46		
M	Holiday Motel	157	3.00	41		
M	Palace Station	44	3.00	451		
M	Sunshine Manor Motel	238	3.00	26		
M	Thai Royal Motel	244	3.00	12		
M	La Palm Motel	169	3.00	44		
M	Shelimer Hotel & Casino	220	3.00	102		
M	Roulette Motel	213	3.00	26		
M	Westwind Motel	83	3.00	129		
M	Yucca Motel	277	3.00	22		
M	Brooks Motel	93	3.00	22		
M	Sahara Motel/Casino	51	3.00	1500		
M	Purple Sage Motel	206	3.00	17		
M	Imperial Motel	160	3.00	17		
M	Super 8	240	3.00	110		
M	Ambassador Motel	70	3.00	62		
M	Marianna Inn	79	3.00	88		
M	The Palace Motel	200	3.00	24		
M	Ritz Vegas Hotel	210	3.00	12		
M	Boulevard Hotel Inc	90	3.00	55		

Route: I-15 to US 95 from Arizona

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/MOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)] / [365*TOT]
M	Alpine Apartment Hotel	69	3.00	40	within	
M	Par-A-Dice	201	3.00	53	3 mile	
M	Bonanza Lodge Motel	88	3.00	33	28332	62607
M	Jackpot Motel	162	3.00	22		
M	Ponderosa Motel	204	5.00	28		
M	El Morocco Motel	132	5.00	252		
M	Convention Center Lodge	106	5.00	56		
M	Quality Inn	46	5.00	320		
M	Frontier Hotel/Casino	20	5.00	592		
M	Hilton Corp (Flamingo)	18	5.00	3173		
M	Paradise Resort Inn	202	5.00	204		
M	Paddlesheel Hotel/Casino	43	5.00	192		
M	Comet Motel	103	5.00	19		
M	La Quinta Motor Inns Inc	171	5.00	114		
M	Days Inn	112	5.00	32		
M	Mirage	40	5.00	3049		
M	Cimarron Motel	101	5.00	21		
M	Caesar's Palace	9	5.00	1648		
M	Center Strip Inn	99	5.00	92		
M	Barbery Coast Hotel/Casino	5	5.00	198		
M	Gold Coast	21	5.00	300		
M	Vegebond Motel	261	5.00	364		
M	Capri Motel	95	5.00	19		
M	Sundown Motel	235	5.00	8		
M	Forte Hotels Int.(center Strip)	255	5.00	128		
M	Tahiti Motor Hotel	242	5.00	60		
M	Holiday Inns Hotel/Casino	26	5.00	1395		
M	Boardwalk Hotel/Casino	7	5.00	201		
M	Forte Hotels Int.(center Strip)	253	5.00	159		
M	Sands Hotel	54	5.00	720		
M	Continental Hotel Ltd	27	5.00	400		
M	Desert Inn Hotel/Casino	13	5.00	821		
M	Imperial Palace Hotel/Casino	30	5.00	2700		
M	Super 8	241	5.00	300		
M	Las Vegas Courtyard	35	5.00	149		
M	Days Inn (LV Blvd)	111	5.00	127		
M	Sand Dunes Motel	218	5.00	35		
M	Riviera Hotel/Casino	49	5.00	2136		
M	Best Western Mardi Gras Inn	37	5.00	314		
M	Hops Motel	159	5.00	35		
M	Maxim Hotel/Casino	38	5.00	795		
M	Residence Inn	48	5.00	192		
M	Taxi Oshunter Motel	243	5.00	100		
M	Aladdin Hotel/Casino	1	5.00	1100		
M	Saint Tropez(Harmon Ave)	57	5.00	150		
M	Stevens Motel & Apts	231	5.00	58		
M	Sheffield Inn	55	5.00	228		
M	Sunrise Vista Motel	236	5.00	64		
M	Walden Motel	270	5.00	10		
M	Jamaica Motel	163	5.00	90		
M	Carriage House Motel	11	5.00	143		
M	La Concha Motel	168	5.00	100		
M	Great Western (465-D1)	117	5.00	87		
M	Hitchin Post Motel	155	5.00	10		
M	Rio Hotel/Casino	281	5.00	424		
M	Highland Inn	154	5.00	123		
M	Grand Flamingo	150	5.00	220		
M	Golden City Motel	147	5.00	78		
M	Warren Inn	271	5.00	50		
M	Alexis Park	2	5.00	500		
M	Dunes Motel	14	5.00	1160		
M	Lucky Cuss Motel	179	5.00	12		
M	Conventioner	279	5.00	76		
M	Monaco Motel	181	5.00	71		
M	Bourbon Street Casino	8	5.00	150	within	
M	Bally's	4	5.00	2832	5 mile	

Route: I-15 to US 95 from Arizona

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/MOT IDS	Band width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)]/[365*TOT]
M	Great Western (505-D1)	108	5.00	128	57630	127348
M	49'er Motel	135	5.00	28		
M	Hotel Sombero Inc	225	10.00	45		
M	Tropicana Inn	258	10.00	117		
M	Casa Malaga Motel	97	10.00	44		
M	Monte Marie Motel	182	10.00	54		
M	LV Comfort Inn	105	10.00	106		
M	MGM Marina Inc	39	10.00	705		
M	Olympus Inn	198	10.00	56		
M	Warren Motel Apartments	272	10.00	55		
M	Desert Rose Motel	118	10.00	56		
M	Tropicana Hotel/Casino	60	10.00	1909		
M	Diamond Inn Motel	120	10.00	44		
M	Fez Motel	137	10.00	50		
M	Dreamland	124	10.00	16		
M	King 8 Motel	31	10.00	298		
M	Dynasty Inn	125	10.00	21		
M	Full Moon	139	10.00	41		
M	E-Z 8 Motel	126	10.00	127		
M	Allstar Inns	68	10.00	139		
M	Econo Inn	128	10.00	88		
M	White Sands Motel	276	10.00	33		
M	Motel 8	186	10.00	26		
M	Travelodge Tropicana	257	10.00	150		
M	Motel 6	185	10.00	880		
M	Gatewood Motel	143	10.00	18		
M	Super 8	239	10.00	150		
M	King Albert Corp	164	10.00	104		
M	Silver Sands Motel	222	10.00	25		
M	Glasspool Inn	144	10.00	46		
M	Ali Baba	66	10.00	34		
M	Hotel San Remo	29	10.00	324		
M	Royal Oasis Motor Inn	215	10.00	140		
M	Holiday Royale Hotel	158	10.00	300		
M	Hacienda Hotel/Casino	25	10.00	780		
M	Nevada Palace Hotel/Casino	42	10.00	220		
M	Sam Town Hotel/Casino	53	10.00	203		
M	Rodeway Inn of Las Vegas	212	10.00	97		
M	Allstar Inns	67	10.00	161		
M	Airport Inn	64	10.00	340		
M	Sunset Motel (boulder Hwy)	237	10.00	24		
M	Best Western McCarran	80	10.00	96	within	
M	Tiki Motel	245	10.00	22	10 mile	
M	Excalibur	280	10.00	4032	69956	154585
M	Klondike Motor Inn	165	10.00	150		

Note: Cell L = cumulative number of rooms
within a designated band width

Appendix 2-U

Route: I-15 to US 95 from Arizona

Land Use Within 2 Mile Corridor

Segment	Length (miles)	Total Area (sq miles)	Gov/non Resid.	Indust	Comm	Nonpro	Trans	Minor
Area is in square miles								
1.1	0.868	1.736	1.71			0.02		
1.2	2.563	5.126	4.39	0.59	0.03	0.14	0.04	0.00
1.3	7.993	15.986	15.99					0.02
1.4	2.635	5.27	5.27					
1.5	9.258	18.516	18.52					
1.6	6.543	13.086	13.09					
1.7	2.288	4.576	4.45	0.05	0.01	0.07		0.01
1.8	0.776	1.552	1.41	0.04	0.00	0.02		0.01
1.9	2.135	4.27	4.21	0.06				
1.10	4.154	8.308	8.31					
1.11	3.764	7.528	7.53					
1.12	5.14	10.28	10.28					
1.13	11.4	22.8	22.80					
1.14	6.138	12.276	10.61	1.67				
1.15	7.038	14.076	13.28					0.79
1.16	1.000	2.000	2					
1.17	1.026	2.052	1.54			0.51		
1.18	0.669	1.338	1.00		0.33			
1.19	1.982	3.964	3.96					
1.20	1.722	3.444	0.98	1.48		0.49		0.49
1.21	1.238	2.476		1.24			0.62	0.62
1.22	0.575	1.150			0.77	0.38		
2.1	0.352	0.704	0.00	0.00	0.00	0.47	0.23	0.00
2.2	0.721	1.442	0.00	0.96	0.00	0.48	0.00	0.00
2.3	1.049	2.098	0.00	0.70	0.00	0.70	0.70	0.00
2.4	0.784	1.568	0.00	0.52	0.00	0.52	0.52	0.00
2.5	0.995	1.990	0.50	1.49	0.00	0.00	0.00	0.00
2.6	1.168	2.336	0.47	1.87	0.00	0.00	0.00	0.00
2.7	0.839	1.678	1.12	0.56	0.00	0.00	0.00	0.00
2.8	1.018	2.036	0.51	1.02	0.00	0.00	0.00	0.51
2.9	1.032	2.064	0.52	1.03	0.00	0.00	0.52	0.00
2.10	1.024	2.048	1.02	1.02	0.00	0.00	0.00	0.00
2.11	0.512	1.024	0.51	0.51	0.00	0.00	0.00	0.00
2.12	0.508	1.016	0.00	0.51	0.00	0.00	0.51	0.00
2.13	0.928	1.856	1.86	0.00	0.00	0.00	0.00	0.00
2.14	0.467	0.934	0.62	0.31	0.00	0.00	0.00	0.00

Legend:

Gov/non	- government, vacant ;	Nonpro	- nonprofit
Resid.	- residential;	Trans	- transportation
Indust	- industrial;	Minor	- minor improvement
Comm	- commercial		

Route: I-15 to US 95 from Arizona

Land Use Within 2 Mile Corridor (cont)

Segment	Length (miles)	Total Area (sq miles)	Gov/non Resid.	Indust	Comm	Nonpro	Trans	Minor
Area is in square miles								
2.15	2.400	4.800	4.00	0.40	0.00	0.40	0.00	0.00
2.16	2.900	5.800	5.80	0.00	0.00	0.00	0.00	0.00
2.17	1.000	2.000	2.00	0.00	0.00	0.00	0.00	0.00
2.18	12.650	25.300	25.30	0.00	0.00	0.00	0.00	0.00
2.19	12.803	25.606	25.61	0.00	0.00	0.00	0.00	0.00
2.20	1.000	2.000	2.00	0.00	0.00	0.00	0.00	0.00
2.21	1.000	2.000	2.00	0.00	0.00	0.00	0.00	0.00
2.22	17.290	34.580	34.58	0.00	0.00	0.00	0.00	0.00

Legend:

Gov/non	- government, vacant ;	Nonpro	- nonprofit
Resid.	- residential;	Trans	- transportation
Indust	- industrial;	Minor	- minor improvement
Comm	- commercial		

Appendix 2-v

Route: I-15 to US 95 from Arizona

Property Values Within 2 Mile Corridor

Segment	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Square Mile
1.1	0.868	1.736	\$4,465,842	\$2,572,490
1.2	2.563	5.126	\$81,385,685	\$15,877,036
1.3	7.993	15.986	\$3,278,459	\$205,083
1.4	2.635	5.270	\$1,011,840	\$192,000
1.5	9.258	18.516	\$3,555,072	\$192,000
1.6	6.543	13.086	\$2,512,512	\$192,000
1.7	2.288	4.576	\$5,569,286	\$1,217,064
1.8	0.776	1.552	\$3,329,540	\$2,145,322
1.9	2.135	4.270	\$1,545,893	\$362,036
1.10	4.154	8.308	\$1,595,136	\$192,000
1.11	3.764	7.528	\$1,445,376	\$192,000
1.12	5.140	10.280	\$1,973,760	\$192,000
1.13	11.400	22.800	\$5,150,638	\$225,905
1.14	6.138	12.276	\$2,735,120	\$222,802
1.15	7.038	14.076	\$27,368,733	\$1,944,354
1.16	1.000	2.000	\$12,062,990	\$6,031,495
1.17	1.026	2.052	\$32,633,305	\$15,903,170
1.18	0.699	1.398	\$90,098,654	\$64,448,250
1.19	1.982	3.964	\$49,703,573	\$12,538,742
1.20	1.722	3.444	\$412,581,946	\$119,797,313
1.21	1.238	2.476	\$351,930,120	\$142,136,559
1.22	0.575	1.150	\$2,165,856,324	\$1,883,353,325
2.1	0.352	0.704	\$201,710,764	\$286,520,972
2.2	0.721	1.442	\$356,126,887	\$246,967,328
2.3	1.049	2.098	\$1,234,848,026	\$588,583,425
2.4	0.784	1.568	\$158,505,653	\$101,087,789
2.5	0.995	1.990	\$390,087,728	\$196,023,984
2.6	1.168	2.336	\$565,357,746	\$242,019,583
2.7	0.839	1.678	\$272,683,731	\$162,505,203
2.8	1.018	2.036	\$468,993,724	\$230,350,552
2.9	1.032	2.064	\$439,873,389	\$213,116,952
2.10	1.024	2.048	\$269,932,050	\$131,802,759
2.11	0.512	1.024	\$123,891,893	\$120,988,177
2.12	0.508	1.016	\$343,356,175	\$337,948,991
2.13	0.928	1.856	\$138,387	\$74,562
2.14	0.467	0.934	\$289,523,695	\$309,982,543
2.15	2.400	4.800	\$293,888,515	\$61,226,774
2.16	2.900	5.800	\$28,340,111	\$4,886,226

Route: I-15 to US 95 from Arizona
Property Values Within 2 Mile Corridor

Segment	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Square Mile
2.17	1.000	2.000	\$3,001,426	\$1,500,713
2.18	12.650	25.300	\$5,214,204	\$206,095
2.19	12.803	25.606	\$3,466,644	\$135,384
2.20	1.000	2.000	\$15,548,137	\$7,774,068
2.21	1.000	2.000	\$3,612,671	\$1,806,336
2.22	17.29	34.580	\$26,027,560	\$752,677
TOTALS FOR ROUTE	143.375	286.75	\$8,755,918,919	\$5,516,394,040

Appendix 2-W

Route: I-15 to US 95 from California

Section and Segment Classification

Section Classification

Section 1: I-15 Cal boarder to Las Vegas downtown expressway interchange.

Section 2: US 95 Las Vegas downtown expressway interchange to Mercury.

Segment Classification:

Segment 1.1:	0.372 mi	Calif-Nevada state line heading north to stateline interchange.
Segment 1.2:	12.238 mi	Stateline interchange heading north to Jean interchange.
Segment 1.3:	12.897 mi	Jean interchange heading north to Sloan interchange.
Segment 1.4:	2.316 mi	Sloan interchange heading north to Henderson interchange.
Segment 1.5:	4.589 mi	Henderson interchange heading north to south urban limit Las Vegas.
Segment 1.6:	1.123 mi	South urban limit Las Vegas heading north to Arden interchange.
Segment 1.7:	1.393 mi	Arden interchange heading north to Las Vegas blvd interchange.
Segment 1.8:	2.468 mi	Las Vegas blvd interchange heading north to Tropicana interchange.
Segment 1.9:	0.990 mi	Tropicana interchange heading north to Dunes Flamingo interchange.
Segment 1.10:	0.781 mi	Dunes Flamingo interchange heading north to Spring Mountain interchange.
Segment 1.11:	0.779 mi	Spring Mountain interchange heading north to south city limit Las Vegas.
Segment 1.12:	0.580 mi	South city limit Las Vegas heading north to Sahara interchange.
Segment 1.13:	1.203 mi	Sahara interchange heading north to Charleston blvd interchange.
Segment 1.14:	1.176 mi	Charleston blvd interchange heading north to downtown expressway interchange (I-15 and US 95 interchange).
Segment 2.1:	0.352 mi	I-15 and US 95 interchange heading west to Highland Drive.
Segment 2.2:	0.721 mi	Highland drive heading west to Rancho Rd.
Segment 2.3:	1.049 mi	Rancho Rd. heading west to Valley View.

Route: I-15 to US 95 from California

Section and Segment Classification (cont)

Segment Classification:

Segment 2.4: 0.784 mi Valley View heading west to Decatur Blvd.
Segment 2.5: 0.995 mi Decatur Blvd heading west to Jones Blvd.
Segment 2.6: 1.168 mi Jones Blvd heading west to Rainbow Blvd.
Segment 2.7: 0.839 mi Rainbow Blvd heading north to Vegas Drive.
Segment 2.8: 1.018 mi Vegas Drive heading north to Smoke Ranch Road.
Segment 2.9: 1.032 mi Smoke Ranch Road heading north to Cheyenne Ave.
Segment 2.10: 1.024 mi Cheyenne Ave heading north to Alexander Road.
Segment 2.11: 0.512 mi Alexander Road heading north to Craig Road.
Segment 2.12: 0.508 mi Craig Road heading north to Lone Mountain Road.
Segment 2.13: 0.928 mi Lone Mountain Road heading north to Jct US 95 and Rancho Road.
Segment 2.14: 0.467 mi Jct US 95 and Rancho Road heading north to 0.467 miles from Jct US 95 and Rancho Road.
Segment 2.15: 2.400 mi 0.467 miles from Jct US 95 and Rancho Road heading north to 2.867 miles from Jct US 95 and Rancho Road.
Segment 2.16: 2.900 mi 2.867 miles from Jct US 95 and Rancho Road heading north to FAU 613 (SR157).
Segment 2.17: 1.000 mi FAU 613 (SR157) heading north to 6.767 miles from Jct US 95 and Rancho Road.
Segment 2.18: 12.650 mi 6.767 miles from Jct US 95 and Rancho Road heading north to SR 156.
Segment 2.19: 12.803 mi SR 156 heading north to 32.22 miles from Jct US 95 and Rancho Road.
Segment 2.20: 1.000 mi 32.22 miles from Jct US 95 and Rancho Road heading west to Indian Springs Air Base Road.
Segment 2.21: 1.000 mi Indian Springs Air Base Road heading west to 33.22 miles from Jct US 95 and Rancho Road.
Segment 2.22: 17.290 mi 33.22 miles from Jct US 95 and Rancho Road heading west to Mercury interchange.

Appendix 2-X

Route: I-15 to US 95 from California

Highway Traffic and Accident History

	Segment Number									
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
Basic Data										
Length in mi (1)	0.372	12.238	12.897	2.316	4.589	1.123	1.393	2.468	0.99	0.781
Length in km (1)	0.599	19.706	20.767	3.729	7.389	1.808	2.243	3.974	1.594	1.258
Functional classification (2)	1	1	1	1	1	2	2	2	2	2
Road class (2)	5	5	5	5	5	5	5	5	5	5
Traffic Data (1)										
1988 Total Traffic	6882075	7199625	7418625	7506225	7560975	7560975	9844050	8015400	19857825	31132675
1987 Total Traffic	6544450	6584600	6726950	6814550	6975150	6975150	8906000	7263500	18824875	29362425
1986 Total Traffic	6015200	6059000	6194050	6252450	6383850	6383850	8154100	6613800	17883175	27123150
1985 Total Traffic	5874675	5947675	6082725	6133825	6285300	6285300	7685075	6029800	15463225	24976950
1984 Total Traffic	5582675	5630125	5779775	5830875	5982350	5982350	7276275	5726850	15014275	23639225
1988 Truck Traffic	1514020	1584100	1706375	1726450	1814780	1814780	2067360	1603080	1787040	2179415
1987 Truck Traffic	1636295	1646150	1681920	1703820	1673890	1673890	1870260	1452700	1694330	2055315
1986 Truck Traffic	1323490	1332980	1362545	1375685	1340645	1340645	1549425	1322760	1609650	1898730
1985 Truck Traffic	1292465	1308525	1338090	1349405	1319840	1319840	1460000	1205960	1391745	1748350
1984 Truck Traffic	1228225	1238810	1271660	1282975	1256330	1256330	1382620	1145370	1351230	1654910
Vehicle Miles Traveled										
1988 Total VMT	2560132	88109011	95678007	17384417	34697314	8490975	13712762	19782007	19659247	24314619
1987 Total VMT	2434535	80582335	86757474	15782498	32008963	7833093	12406058	17926318	18636626	22932054
1986 Total VMT	2237654	74150042	79884663	14480674	29295488	7169064	11358661	16322858	17704343	21183180
1985 Total VMT	2185379	72787647	78448904	14205939	28843242	7058392	10705309	14881546	15308593	19506998
1984 Total VMT	2076755	68901470	74541758	13504306	27453004	6718179	10135851	14133866	14864132	18462235
1988 Truck VMT	563215	19386216	22007118	3998458	8328025	2037998	2879832	3956401	1769170	1702123
1987 Truck VMT	608702	20145584	21691722	3946047	7681481	1879778	2605272	3585264	1677387	1605201
1986 Truck VMT	492338	16313009	17572743	3186086	6152220	1505544	2158349	3264572	1593554	1482908
1985 Truck VMT	480797	16013729	17257347	3125222	6056746	1482180	2033780	2976309	1377828	1365461
1984 Truck VMT	456900	15160557	16400599	2971370	5765298	1410859	1925990	2826773	1337718	1292485
Vehicle Kilometers Traveled										
1988 Total VKT	4122324	1.42E+08	1.54E+08	27992388	55869615	13672168	22080289	31852988	31655319	39151400
1987 Total VKT	3920089	1.30E+08	1.40E+08	25412978	51540833	12612847	19976235	28864957	30008696	36925193
1986 Total VKT	3603071	1.19E+08	1.29E+08	23316782	47171594	11543626	18289716	26283067	28507534	34109157
1985 Total VKT	3518897	1.17E+08	1.26E+08	22874402	46443388	11365423	17237689	23962266	24649896	31410168
1984 Total VKT	3343991	1.11E+08	1.20E+08	21744634	44204827	10817612	16320747	22758351	23934226	29727890
1988 Truck VKT	906890	31215685	35435862	6438317	13409787	3281584	4637106	6370598	2848717	2740759
1987 Truck VKT	980132	32438419	34928011	6353925	12368721	3026819	4195009	5772991	2700928	2584695
1986 Truck VKT	792763	26267207	28295631	5130236	9906304	2424227	3475374	5256613	2565940	2387779
1985 Truck VKT	774179	25785306	27787780	5032232	9752572	2386607	3274793	4792453	2218578	2198666
1984 Truck VKT	735700	24411529	26408245	4784500	9283283	2271765	3101229	4551670	2153993	2081159
Accident Data										
1988 Total accidents	5	64	76	20	24	6	17	135	182	113
1987 Total accidents	4	57	62	12	17	6	21	128	188	131
1986 Total accidents	4	47	47	5	16	10	19	125	157	102
1985 Total accidents	2	46	68	7	14	7	15	118	138	79
1984 Total accidents	0	54	34	13	11	4	9	113	168	86
1988 Truck only accidents	0	2	8	2	2	1	2	9	12	2
1987 Truck only accidents	1	4	12	0	1	0	0	11	12	5
1986 Truck only accidents	0	6	4	0	2	0	0	8	14	5
1985 Truck only accidents	0	5	8	1	2	2	3	10	12	8
1984 Truck only accidents	0	8	4	8	0	1	0	11	14	5

Route: I-15 to US 95 from California
Highway Traffic and Accident History (cont)

	Segment Number									
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10
Accidents / mile										
1988 Total accidents/mi	13.44	5.23	5.89	8.64	5.23	5.34	12.20	54.70	183.84	144.69
1987 Total accidents/mi	10.75	4.66	4.81	5.18	3.70	5.34	15.08	51.86	189.90	167.73
1986 Total accidents/mi	10.75	3.84	3.64	2.16	3.49	8.90	13.64	50.65	158.59	130.60
1985 Total accidents/mi	5.38	3.76	5.27	3.02	3.05	6.23	10.77	47.81	139.39	101.15
1984 Total accidents/mi	0.00	4.41	2.64	5.61	2.40	3.56	6.46	45.79	169.70	110.12
1988 Truck accidents/mi										
1988 Truck accidents/mi	0.00	0.16	0.62	0.86	0.44	0.89	1.44	3.65	12.12	2.56
1987 Truck accidents/mi	2.69	0.33	0.93	0.00	0.22	0.00	0.00	4.46	12.12	6.40
1986 Truck accidents/mi	0.00	0.49	0.31	0.00	0.44	0.00	0.00	3.24	14.14	6.40
1985 Truck accidents/mi	0.00	0.41	0.62	0.43	0.44	1.78	2.15	4.05	12.12	10.24
1984 Truck accidents/mi	0.00	0.65	0.31	3.45	0.00	0.89	0.00	4.46	14.14	6.40
Accidents / km										
1988 Total accidents/km	8.35	3.25	3.66	5.36	3.25	3.32	7.58	33.97	114.17	89.86
1987 Total accidents/km	6.68	2.89	2.99	3.22	2.30	3.32	9.36	32.21	117.94	104.17
1986 Total accidents/km	6.68	2.39	2.26	1.34	2.17	5.53	8.47	31.45	98.49	81.11
1985 Total accidents/km	3.34	2.33	3.27	1.88	1.89	3.87	6.69	29.69	86.57	62.82
1984 Total accidents/km	0.00	2.74	1.64	3.49	1.49	2.21	4.01	28.44	105.39	68.39
1988 Truck accidents/km										
1988 Truck accidents/km	0.00	0.10	0.39	0.54	0.27	0.55	0.89	2.26	7.53	1.59
1987 Truck accidents/km	1.67	0.20	0.58	0.00	0.14	0.00	0.00	2.77	7.53	3.98
1986 Truck accidents/km	0.00	0.30	0.19	0.00	0.27	0.00	0.00	2.01	8.78	3.98
1985 Truck accidents/km	0.00	0.25	0.39	0.27	0.27	1.11	1.34	2.52	7.53	6.36
1984 Truck accidents/km	0.00	0.41	0.19	2.15	0.00	0.55	0.00	2.77	8.78	3.98
Accidents / MVMT										
1988 Total accidents/MVMT	195	73	79	115	69	71	124	682	926	465
1987 Total accidents/MVMT	164	71	71	76	53	77	169	714	1009	571
1986 Total accidents/MVMT	179	63	59	35	55	139	167	766	887	482
1985 Total accidents/MVMT	92	63	87	49	49	99	140	793	901	405
1984 Total accidents/MVMT	0	78	46	96	40	60	89	799	1130	466
Average.....	126	70	68	74	53	89	138	751	971	478
Standard Deviation....	72	6	15	30	9	28	30	46	90	54
1988 Truck accidents/MTMT										
1988 Truck accidents/MTMT	0	10	36	50	24	49	69	227	678	118
1987 Truck accidents/MTMT	164	20	55	0	13	0	0	307	715	311
1986 Truck accidents/MTMT	0	37	23	0	33	0	0	245	879	337
1985 Truck accidents/MTMT	0	31	46	32	33	135	148	336	871	586
1984 Truck accidents/MTMT	0	53	24	269	0	71	0	389	1047	387
Average.....	33	30	37	70	21	51	43	301	838	348
Standard Deviation....	60	13	11	93	11	46	53	54	120	137

1. W.D.O.T. 1988 Annual Traffic Report
2. W.D.O.T. Record Layout and Description for the Accident Records

Route: I-15 to US 95 from California
Highway Traffic and Accident History (cont)

Highway Traffic and Accident History for Route I-15 to US 95 from California

	Segment Number									
	1.11	1.12	1.13	1.14	2.1	2.2	2.3	2.4	2.5	2.6
Basic Data										
Length in mi (1)	0.779	0.58	1.203	1.176	0.352	0.721	1.049	0.784	0.995	1.168
Length in km (1)	1.254	0.934	1.937	1.894	0.567	1.161	1.689	1.262	1.602	1.881
Functional classification (2)	2	2	2	2	12	12	12	12	12	12
Road class (2)	5	5	5	5	5	5	5	5	5	5
Traffic Data (1)										
1988 Total traffic	41181125	41181125	46464500	45844000	42489650	37213575	32933950	29787650	24077225	17410500
1987 Total traffic	38867025	38867025	44489850	43113800	39691925	36370425	32001375	28674400	22890975	15901225
1986 Total traffic	36686150	36686150	41219450	39753975	33030675	31811575	27608600	24237825	18998250	11948275
1985 Total traffic	33851925	33851925	37408850	35352075	26340225	25331000	21810575	19341350	14665700	8803800
1984 Total traffic	31585275	31585275	34669525	32926650	24681300	23515125	20410800	17839375	13461200	8117600
1988 Truck traffic	2471050	2471050	2787870	2750640	1274580	1116535	988055	893520	722335	522315
1987 Truck traffic	2331985	2331985	2669245	2586755	1190630	1090985	959950	860305	686565	477055
1986 Truck Traffic	2201315	2201315	2473240	2385275	990975	954475	828185	727080	570130	358430
1985 Truck Traffic	2031225	2031225	2244385	2121015	790225	759930	654445	580350	439825	264260
1984 Truck Traffic	1895080	1895080	2080135	1975745	740585	705545	612470	535090	403690	243455
Vehicle Miles Traveled										
1988 Total VMT	32080096	23885053	55896794	53912544	14956357	26830988	34547714	23353518	23956839	20335464
1987 Total VMT	30277412	22542875	53521290	50701829	13971558	26223076	33569442	22480730	22776520	18572631
1986 Total VMT	28578511	21277967	49586998	46750675	11626798	22936146	28961421	19002455	18903259	13955585
1985 Total VMT	26370650	19634117	45002847	41574040	9271759	18263651	22879293	15163618	14592372	10282838
1984 Total VMT	24604929	18319460	41707439	38721740	8687818	16954405	21410929	13986070	13393894	9481357
1988 Truck VMT	1924948	1433209	3353808	3234753	448652	805022	1036470	700520	718723	610064
1987 Truck VMT	1816616	1352551	3211102	3042024	419102	786600	1006988	674479	683132	557200
1986 Truck VMT	1714824	1276763	2975308	2805083	348823	688176	868766	570031	567279	418646
1985 Truck VMT	1582324	1178111	2699995	2494314	278159	547910	686513	454994	437626	308656
1984 Truck VMT	1476267	1099146	2502402	2323476	260606	508698	642481	419511	401672	284355
Vehicle Kilometers Traveled										
1988 Total VKT	51655371	38459712	90005017	86809978	24082726	43203256	55628728	37603834	38575302	32744164
1987 Total VKT	48752690	36298537	86179980	81640085	22497002	42224398	54053516	36198471	36674753	29905650
1986 Total VKT	46017118	34261782	79844985	75277936	18721469	36931782	46633681	30597753	30438027	22471283
1985 Total VKT	42462020	31614854	72463584	66942520	14929387	29408131	36840238	24416458	23496637	16557426
1984 Total VKT	39618857	29497994	67157318	62349746	13989124	27299983	34475878	22520370	21566848	15266881
1988 Truck VKT	3099551	2307753	5400301	5208599	722420	1296246	1668924	1127977	1157288	982325
1987 Truck VKT	2925116	2177878	5170516	4898267	674838	1266584	1621451	1086046	1099979	897204
1986 Truck VKT	2761210	2055843	4790840	4516745	561675	1108102	1398887	917863	913433	674104
1985 Truck VKT	2547859	1896994	4347532	4016344	447892	882244	1105423	732632	704665	496997
1984 Truck VKT	2377086	1769846	4029368	3741261	419756	819105	1034523	675496	646772	457869
Accident Data										
1988 Total accidents	28	57	303	383	71	40	152	80	15	67
1987 Total accidents	24	21	282	376	63	48	151	85	18	48
1986 Total accidents	16	42	263	300	43	29	102	72	16	46
1985 Total accidents	16	21	243	204	34	17	80	53	10	35
1984 Total accidents	20	29	214	147	35	24	70	49	10	28
1988 Truck only accidents	1	1	7	18	2	0	5	2	0	1
1987 Truck only accidents	2	1	6	10	0	1	1	0	0	1
1986 Truck only accidents	1	1	8	13	2	0	3	1	0	1
1985 Truck only accidents	2	2	7	14	1	0	1	0	0	3
1984 Truck only accidents	0	1	0	10	0	1	2	0	0	1

Route: I-15 to US 95 from California
Highway Traffic and Accident History (cont)

	Segment Number									
	1.11	1.12	1.13	1.14	2.1	2.2	2.3	2.4	2.5	2.6
Accidents / mile										
1988 Total accidents/mi	35.94	98.28	251.87	325.68	201.70	55.48	144.90	102.04	15.08	57.36
1987 Total accidents/mi	30.81	36.21	234.41	319.73	178.98	66.57	143.95	108.42	18.09	41.10
1986 Total accidents/mi	20.54	72.41	218.62	255.10	122.16	40.22	97.24	91.84	16.08	39.38
1985 Total accidents/mi	20.54	36.21	202.00	173.47	96.59	23.58	76.26	67.60	10.05	29.97
1984 Total accidents/mi	25.67	50.00	177.89	125.00	99.43	33.29	66.73	62.50	10.05	23.97
1988 Truck accidents/mi	1.28	1.72	5.82	15.31	5.68	0.00	4.77	2.55	0.00	0.86
1987 Truck accidents/mi	2.57	1.72	4.99	8.50	0.00	1.39	0.95	0.00	0.00	0.86
1986 Truck accidents/mi	1.28	1.72	6.65	11.05	5.68	0.00	2.86	1.28	0.00	0.86
1985 Truck accidents/mi	2.57	3.45	5.82	11.90	2.84	0.00	0.95	0.00	0.00	2.57
1984 Truck accidents/mi	0.00	1.72	0.00	8.50	0.00	1.39	1.91	0.00	0.00	0.86
Accidents / km										
1988 Total accidents/km	22.32	61.03	156.42	202.26	125.27	34.45	89.99	63.37	9.36	35.62
1987 Total accidents/km	19.13	22.49	145.58	198.56	111.15	41.35	89.40	67.33	11.23	25.52
1986 Total accidents/km	12.76	44.97	135.77	158.43	75.87	24.98	60.39	57.03	9.99	24.46
1985 Total accidents/km	12.76	22.49	125.45	107.73	59.99	14.64	47.36	41.98	6.24	18.61
1984 Total accidents/km	15.94	31.05	110.48	77.63	61.75	20.67	41.44	38.82	6.24	14.89
1988 Truck accidents/km	0.80	1.07	3.61	9.51	3.53	0.00	2.96	1.58	0.00	0.53
1987 Truck accidents/km	1.59	1.07	3.10	5.28	0.00	0.86	0.59	0.00	0.00	0.53
1986 Truck accidents/km	0.80	1.07	4.13	6.87	3.53	0.00	1.78	0.79	0.00	0.53
1985 Truck accidents/km	1.59	2.14	3.61	7.39	1.76	0.00	0.59	0.00	0.00	1.60
1984 Truck accidents/km	0.00	1.07	0.00	5.28	0.00	0.86	1.18	0.00	0.00	0.53
Accidents / MVT										
1988 Total accidents/MVT	87	239	542	710	475	149	440	343	63	329
1987 Total accidents/MVT	79	93	527	742	451	183	450	378	79	258
1986 Total accidents/MVT	56	197	530	642	370	126	352	379	85	330
1985 Total accidents/MVT	61	107	540	491	367	93	350	350	69	340
1984 Total accidents/MVT	81	158	513	380	403	142	327	350	75	295
Average.....	73	159	530	593	413	139	384	360	74	311
Standard Deviation....	12	55	10	137	43	29	51	15	9	30
1988 Truck accidents/MTMT	52	70	209	556	446	0	482	286	0	164
1987 Truck accidents/MTMT	110	74	187	329	0	127	99	0	0	179
1986 Truck accidents/MTMT	58	78	269	463	573	0	345	175	0	239
1985 Truck accidents/MTMT	126	170	259	561	360	0	146	0	0	972
1984 Truck accidents/MTMT	0	91	0	430	0	197	311	0	0	352
Average.....	69	97	185	468	276	65	277	92	0	381
Standard Deviation....	45	37	97	86	235	82	139	118	0	303

1. N.D.O.T. 1988 Annual Traffic Report
2. N.D.O.T. Record Layout and Description for the Accident Records

Route: I-15 to US 95 from California
Highway Traffic and Accident History (cont)

Highway Traffic and Accident History for Route I-15 to US 95 from California

	Segment Number									
	2.7	2.8	2.9	2.10	2.11	2.12	2.13	2.14	2.15	2.16
Basic Data										
Length in mi (1)	0.839	1.018	1.032	1.024	0.512	0.508	0.928	0.467	2.4	2.9
Length in km (1)	1.351	1.639	1.662	1.649	0.824	0.818	1.494	0.752	3.864	4.670
Functional classification (2)	12	12	12	12	12	12	12	12	12	12
Road class (2)	5	5	5	5	5	5	5	5	5	5
Traffic Data (1)										
1988 Total traffic	11497500	8997250	6752500	5329000	4197500	3686500	2839700	3027675	3027675	3027675
1987 Total traffic	11028475	8176000	5949500	5037000	3905500	3115275	2304975	2932775	2932775	2932775
1986 Total traffic	6621100	5825400	4745000	3869000	3180975	2735675	1912600	2726550	2726550	2726550
1985 Total traffic	4827125	4463950	4234000	3425525	2799550	2642600	1846900	2626175	2626175	2626175
1984 Total traffic	3978500	3277700	3111625	2677275	2471050	2332350	1569500	2401700	2401700	2401700
1988 Truck traffic	344925	359890	270100	266450	251850	258055	283970	302950	302950	302950
1987 Truck traffic	330690	327040	237980	251850	234330	217905	230680	293460	293460	293460
1986 Truck Traffic	198560	232870	189800	193450	190895	191625	191260	272655	272655	272655
1985 Truck Traffic	144905	178485	169360	171185	167900	185055	184690	262800	262800	262800
1984 Truck Traffic	119355	131035	124465	133955	123735	139795	156950	240170	240170	240170
Vehicle Miles Traveled										
1988 Total VMT	9646403	9159201	6968580	5456896	2149120	1872742	2635242	1413924	7266420	8780258
1987 Total VMT	9252891	8323168	6139884	5157888	1999616	1582560	2139017	1369606	7038660	8505048
1986 Total VMT	5555103	5930257	4896840	3961856	1628659	1389723	1774893	1273299	6543720	7906995
1985 Total VMT	4049958	4544301	4369488	3507738	1433370	1342441	1713923	1226424	6302820	7615908
1984 Total VMT	3337962	3336699	3211197	2741330	1265178	1184834	1456496	1121594	5764080	6964930
1988 Truck VMT	289392	366368	278743	272845	128947	131092	263524	141478	727080	878555
1987 Truck VMT	277449	332927	245595	257894	119977	110696	214071	137046	704304	851034
1986 Truck VMT	166592	237062	195874	198093	97738	97346	177489	127330	654372	790700
1985 Truck VMT	121575	181698	174780	175293	85965	94008	171392	122728	630720	762120
1984 Truck VMT	100139	133394	128448	137170	63352	71016	145650	112159	576408	696493
Vehicle Kilometers Traveled										
1988 Total VKT	15532637	14748145	11220808	8786694	3460513	3015489	4243266	2276701	11700389	14137971
1987 Total VKT	14899004	13401965	9886441	8305231	3219782	2548238	3444245	2205339	11333650	13694827
1986 Total VKT	8944827	9548900	7884892	6379381	2622467	2237732	2857932	2050266	10536698	12731843
1985 Total VKT	6521242	7317234	7035750	5648159	2308012	2161598	2759759	1974787	10148801	12263134
1984 Total VKT	5374786	5372752	5170669	4414411	2037189	1907819	2345250	1805990	9281322	11214930
1988 Truck VKT	465979	589926	448832	439335	207631	211084	424327	227807	1170744	1414649
1987 Truck VKT	446748	536079	395458	415262	193187	178242	344697	270671	1134070	1370335
1986 Truck VKT	268246	381717	315396	318969	157378	156746	285793	205027	1053670	1273184
1985 Truck VKT	195761	292570	281430	282257	138421	151372	275976	197616	1015585	1227166
1984 Truck VKT	161244	214790	206827	220871	102010	114350	234525	180599	928132	1121493
Accident Data										
1988 Total accidents	44	26	39	9	14	6	5	2	1	2
1987 Total accidents	44	32	45	11	17	16	7	4	6	5
1986 Total accidents	33	11	28	6	12	11	3	1	4	0
1985 Total accidents	25	14	10	3	6	7	7	3	7	2
1984 Total accidents	11	9	7	3	6	11	8	2	6	5
1988 Truck only accidents	0	0	0	0	0	0	1	0	0	0
1987 Truck only accidents	0	0	0	0	0	0	0	0	0	0
1986 Truck only accidents	1	1	0	0	0	0	0	1	0	0
1985 Truck only accidents	0	0	0	1	0	1	1	0	0	0
1984 Truck only accidents	0	0	0	0	0	0	0	0	0	0

Route: I-15 to US 95 from California
Highway Traffic and Accident History (cont)

	Segment Number									
	2.7	2.8	2.9	2.10	2.11	2.12	2.13	2.14	2.15	2.16
Accidents / mile										
1988 Total accidents/mi	54.83	25.54	37.79	8.79	27.34	11.81	5.39	4.28	0.42	0.69
1987 Total accidents/mi	52.44	31.43	43.60	10.74	33.20	31.50	7.54	8.57	2.50	1.72
1986 Total accidents/mi	39.33	10.81	27.13	5.86	23.44	21.65	3.23	2.14	1.67	0.00
1985 Total accidents/mi	29.80	13.75	9.69	2.93	11.72	13.78	7.54	6.42	2.92	0.69
1984 Total accidents/mi	13.11	8.84	6.78	2.93	11.72	21.65	8.62	4.28	2.50	1.72
1988 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.00	0.00
1987 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986 Truck accidents/mi	1.19	0.98	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0.00
1985 Truck accidents/mi	0.00	0.00	0.00	0.98	0.00	1.97	1.08	0.00	0.00	0.00
1984 Truck accidents/mi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Accidents / km										
1988 Total accidents/km	34.05	15.86	23.47	5.46	16.98	7.34	3.35	2.66	0.26	0.43
1987 Total accidents/km	32.57	19.52	27.08	6.67	20.62	19.56	4.68	5.32	1.55	1.07
1986 Total accidents/km	24.43	6.71	16.85	3.64	14.56	13.45	2.01	1.33	1.04	0.00
1985 Total accidents/km	18.51	8.54	6.02	1.82	7.28	8.56	4.68	3.99	1.81	0.43
1984 Total accidents/km	8.14	5.49	4.21	1.82	7.28	13.45	5.35	2.66	1.55	1.07
1988 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00
1987 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986 Truck accidents/km	0.74	0.61	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00
1985 Truck accidents/km	0.00	0.00	0.00	0.61	0.00	1.22	0.67	0.00	0.00	0.00
1984 Truck accidents/km	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Accidents / MVMT										
1988 Total accidents/MVMT	477	284	560	165	651	320	190	141	14	23
1987 Total accidents/MVMT	476	384	733	213	850	1011	327	292	85	59
1986 Total accidents/MVMT	594	185	572	151	737	792	169	79	61	0
1985 Total accidents/MVMT	617	308	229	86	419	521	408	245	111	26
1984 Total accidents/MVMT	330	270	218	109	474	928	549	178	104	72
Average.....	499	286	462	145	626	715	329	187	75	36
Standard Deviation....	103	64	204	45	161	258	141	75	35	26
1988 Truck accidents/MTMT	0	0	0	0	0	0	379	0	0	0
1987 Truck accidents/MTMT	0	0	0	0	0	0	0	0	0	0
1986 Truck accidents/MTMT	600	422	0	0	0	0	0	785	0	0
1985 Truck accidents/MTMT	0	0	0	570	0	1064	583	0	0	0
1984 Truck accidents/MTMT	0	0	0	0	0	0	0	0	0	0
Average.....	120	84	0	114	0	213	193	157	0	0
Standard Deviation....	240	169	0	228	0	425	245	314	0	0

1. M.D.O.T. 1988 Annual Traffic Report
2. M.D.O.T. Record Layout and Description for the Accident Records

Route: I-15 to US 95 from California
Highway Traffic and Accident History (cont)

Highway Traffic and Accident History for Route I-15 to US 95 from California

	Segment Number					
	2.17	2.18	2.19	2.20	2.21	2.22
Basic Data						
Length in mi (1)	1	12.65	12.803	1	1	17.290
Length in km (1)	1.610	20.369	20.615	1.610	1.610	27.840
Functional classification (2)	3	3	3	3	3	3
Road class (2)	5	5	5	5	5	5
Traffic Data (1)						
1988 Total traffic	1801275	1801275	1527525	1527525	1282975	1282975
1987 Total traffic	1700900	1700900	1496500	1496500	1241000	1241000
1986 Total traffic	1631550	1631550	1483725	1483725	1237350	1237350
1985 Total traffic	1540300	1540300	1387000	1387000	1178950	1178950
1984 Total traffic	1387000	1387000	1241000	1241000	1144275	1144275
1988 Truck traffic	306235	306235	244550	244550	105130	105130
1987 Truck traffic	289080	289080	239440	239440	136510	136510
1986 Truck Traffic	277400	277400	237250	237250	136145	136145
1985 Truck Traffic	246375	246375	208050	208050	129575	129575
1984 Truck Traffic	221920	221920	186150	186150	125925	125925
Vehicle Miles Traveled						
1988 Total VMT	1801275	22786129	19556903	1527525	1282975	22182638
1987 Total VMT	1700900	21516385	19159690	1496500	1241000	21456890
1986 Total VMT	1631550	20639108	18996131	1483725	1237350	21393782
1985 Total VMT	1540300	19484795	17757761	1387000	1178950	20384046
1984 Total VMT	1387000	17545550	1588523	1241000	1144275	19784515
1988 Truck VMT	306235	3873873	3130974	244550	105130	1817698
1987 Truck VMT	289080	3656862	3065550	239440	136510	2360258
1986 Truck VMT	277400	3509110	3037512	237250	136145	2353947
1985 Truck VMT	246375	3116644	2663664	208050	129575	2240352
1984 Truck VMT	221920	2807288	2383278	186150	125925	2177243
Vehicle Kilometers Traveled						
1988 Total VKT	2900053	36690170	31489928	2459315	2065590	35718024
1987 Total VKT	2738449	34645632	30850347	2409365	1998010	34549440
1986 Total VKT	2626796	33233042	30586991	2388797	1992134	34447824
1985 Total VKT	2479883	31374371	28593005	2233070	1898110	32821968
1984 Total VKT	2233070	28251803	25583215	1998010	1842283	31856616
1988 Truck VKT	493038	6237701	5041398	393726	169259	2926819
1987 Truck VKT	465419	5888271	4936056	385498	219781	3800438
1986 Truck VKT	446614	5650361	4890909	381973	219193	3790277
1985 Truck VKT	396664	5018412	4288951	334961	208616	3607368
1984 Truck VKT	357291	4520288	3837482	299702	202739	3505752
Accident Data						
1988 Total accidents	3	14	12	1	1	21
1987 Total accidents	3	13	15	4	1	11
1986 Total accidents	0	19	14	3	0	14
1985 Total accidents	5	11	12	1	0	23
1984 Total accidents	4	15	13	0	4	14
1988 Truck only accidents	0	2	0	0	0	0
1987 Truck only accidents	0	0	3	0	0	1
1986 Truck only accidents	0	0	1	0	0	0
1985 Truck only accidents	0	1	0	1	0	0
1984 Truck only accidents	0	2	0	0	0	2

Route: I-15 to US 95 from California
Highway Traffic and Accident History (cont)

	Segment Number					
	2.17	2.18	2.19	2.20	2.21	2.22
Accidents / mile						
1988 Total accidents/mi	3	1.11	0.94	1	1	1.21
1987 Total accidents/mi	3	1.03	1.17	4	1	0.64
1986 Total accidents/mi	0	1.50	1.09	3	0	0.81
1985 Total accidents/mi	5	0.87	0.94	1	0	1.33
1984 Total accidents/mi	4	1.19	1.02	0	4	0.81
1988 Truck accidents/mi	0.00	0.16	0.00	0.00	0.00	0.00
1987 Truck accidents/mi	0.00	0.00	0.23	0.00	0.00	0.06
1986 Truck accidents/mi	0.00	0.00	0.08	0.00	0.00	0.00
1985 Truck accidents/mi	0.00	0.08	0.00	1.00	0.00	0.00
1984 Truck accidents/mi	0.00	0.16	0.00	0.00	0.00	0.12
Accidents / km						
1988 Total accidents/km	1.86	0.69	0.58	0.62	0.62	0.75
1987 Total accidents/km	1.86	0.64	0.73	2.48	0.62	0.40
1986 Total accidents/km	0.00	0.93	0.68	1.86	0.00	0.50
1985 Total accidents/km	3.11	0.54	0.58	0.62	0.00	0.83
1984 Total accidents/km	2.48	0.74	0.63	0.00	2.48	0.50
1988 Truck accidents/km	0.00	0.10	0.00	0.00	0.00	0.00
1987 Truck accidents/km	0.00	0.00	0.15	0.00	0.00	0.04
1986 Truck accidents/km	0.00	0.00	0.05	0.00	0.00	0.00
1985 Truck accidents/km	0.00	0.05	0.00	0.62	0.00	0.00
1984 Truck accidents/km	0.00	0.10	0.00	0.00	0.00	0.07
Accidents / MVT						
1988 Total accidents/MVT	167	61	61	65	78	95
1987 Total accidents/MVT	176	60	78	267	81	51
1986 Total accidents/MVT	0	92	74	202	0	65
1985 Total accidents/MVT	325	56	68	72	0	113
1984 Total accidents/MVT	288	85	82	0	350	71
Average.....	191	71	73	121	102	79
Standard Deviation....	114	15	7	98	129	22
1988 Truck accidents/MTMT	0	52	0	0	0	0
1987 Truck accidents/MTMT	0	0	98	0	0	42
1986 Truck accidents/MTMT	0	0	33	0	0	0
1985 Truck accidents/MTMT	0	32	0	481	0	0
1984 Truck accidents/MTMT	0	71	0	0	0	92
Average.....	0	31	26	96	0	27
Standard Deviation....	0	28	38	192	0	36

1. M.D.O.T. 1988 Annual Traffic Report
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Appendix 2-Y

Route: I-15 to US 95 From California

Bridges and Culverts

Bridge	I-15	State Line Int I-707
Culvert	I-15	Double 12'X3' RCB B-733
Culvert	I-15	Double 10'X4' RCB B-735
Bridge	I-15	Jean Int I-711
Bridge	I-15	Sloan Int I-674
Bridge	I-15	Sloan Wash B-723
Bridge	I-15	Henderson I-663
Bridge	I-15	Bard Wash B-724
Culvert	I-15	Double 12'X4' RCB B-725
Culvert	I-15	Triple 12'X4' RCB B-726
Culvert	I-15	Double 12'X4' RCB B-727
Bridge	I-15	S. Fork Duck Creek B-728
Bridge	I-15	Duck Creek B-729
Bridge	I-15	Arden I-675
Bridge	I-15	Boulder Jct Wash B-791
Bridge	I-15	Tropicana Wash B-795
Bridge	I-15	Flamingo Wash B-799
Culvert	I-15	10'X8' RCB B-800
Bridge	I-15	UPRR G-805
Bridge	I-15	Spring Mt Int I-806
Bridge	I-15	Sahara Int I-837
Bridge	I-15	Oakey Blvd
Bridge	I-15	Charlston Blvd I-934

Appendix 2-Y-1

Route: I-15 to US 95 From California

Bridges and Culverts (cont)

Bridge	I-15	UPRR
Bridge	US 95	Highland Int I-945
Bridge	US 95	Rancho I-944
Bridge	US 95	Dry Wash B-1439
Bridge	US 95	Dry Wash B-1473
Culvert	US 95	B-1078
Culvert	US 95	B-1081
Culvert	US 95	B-1083
Culvert	US 95	B-1085
Culvert	US 95	B-1056
Culvert	US 95	B-1106

Route: I-15 to US 95 From California

Posted Speed Limit by Segment

Segment	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	1.13
MPH	65	65	65	65	65	65	55	55	55	55	55	55	55
Distance	0.372	12.238	12.897	2.316	4.589	1.123	1.393	2.468	0.99	0.781	0.779	0.58	1.203
Travel T.	0.006	0.188	0.198	0.036	0.071	0.017	0.025	0.045	0.018	0.014	0.014	0.011	0.022
Segment	1.14	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10	2.11	2.12
MPH	55	55	55	55	55	55	55	55	55	55	55	55	55
Distance	1.174	0.352	0.721	1.049	0.784	0.995	1.168	0.839	1.018	1.032	1.024	0.512	0.508
Travel T.	0.021	0.006	0.013	0.019	0.014	0.018	0.021	0.015	0.019	0.019	0.019	0.009	0.009
Segment	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22			
MPH	55	55	65	65	65	65	65	65	65	65			
Distance	0.928	0.467	2.4	2.9	1	12.65	12.803	1	1	17.29			
Travel T.	0.017	0.008	0.037	0.045	0.015	0.195	0.197	0.015	0.015	0.266			

Total Travel Time: 1.68 hours

Appendix 2-Z

Route: I-15 to US 95 from California

Resident Population

WEIGHTED POPULATION DENSITY FOR SEG. 1.5 TO SEG. 1.14 (within 0.5 mile-wide corridor)

Taseg : TOTAL AREA WITHIN SEGMENT

Wtpop : SUM([C1/Taseg]*[B1])

SEGMENT NUMBER	(A) ZIPCODE	(B1) POP.DEN.	(C1) FRACT. UNIT	(Wtpop) WEIGHTED POP.DEN (#/sq mi)
1.5	89118	104	1.167	177
	89123	256	1.160	
	89124	7	0.034	
		Taseg =	2.361	
1.6	89118	104	0.262	181
	89123	256	0.272	
		Taseg =	0.534	
1.7	89118	104	0.339	674
	89119	2792	0.134	
	89123	256	0.217	
		Taseg =	0.690	
1.8	89118	104	0.642	1430
	89119	2792	0.625	
		Taseg =	1.267	
1.9	89103	6372	0.256	5642
	89109	4897	0.251	
		Taseg =	0.507	
1.10	89103	7	0.189	2515
	89109	4897	0.199	
		Taseg =	0.388	
1.11	89102	5251	0.198	5082
	89109	4897	0.181	
		Taseg =	0.379	
1.12	89102	5251	0.166	5084
	89109	4897	0.149	
		Taseg =	0.315	
1.13	89102	5251	0.601	5251
1.14	89106	4070	0.610	4070

Appendix 2-AA

Route: I-15 to US 95 from California

Non-Resident Population Estimation

HOTELS AND MOTELS WITHIN VARIOUS BANDWIDTHS ALONG ROUTE (multiply band width by 2 to obtain corridor width)

LAS VEGAS HOTEL/MOTEL INVENTORY

DATE: DECEMBER 31, 1989

Source: LAS VEGAS VISITORS AND CONVENTION AUTHORITY

1989 visitor volume (A) =

1989 Ave. night stay (B) =

No. of room w/in B/width =

Total Hotel/Motel Room =

TYPE	Name of Resorts	HOT/MOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)]/[365*TOT]
M	Longhorn Hotel					
	A-Avis Apartments					
M	Fishers Arrivada Motel	72		20		
	Sunshine Motel Corp(LV Blvd S)					
H	Gold Key Motel(E Fremont)					
M	Squadron Executive Suites			122		
	Lamp Lighter Motel			33		
	Silver Spur Hotel & Houston					
M	Ye Kings Rest Motel					
	Sunset Motel (E Fremont)			25		
	Kings Rest Motel					
	Kim John & Stella					
	Stage Coach Inn Inc					
	Vegas Motel					
	Gold Key Motel(E Fremont)					
	Great Western (7th Street)					
	Chief Hotel Court					
	Gold Key Motel(LV Blvd S)					
	Santa Fe Trail Motel					
	Silver State Dev & Management					
	The Sixth & Carson Motel					
	Las Vegas Hotel					
M	Imperial Palace Inc					
	Linda Manor			192		
	Higgins Motel					
H	Nevada Landing	41		300		
	Midway Motel					
M	Yucca Motel	277		22		
	Lee Canyon Ski Lift Inc					
	Grayson Motel					
H	Jackie Gaughan Hotel			161		
M	Days Inn (LV Blv)	111		127		
M	Wylen Motel & Trailer Park	195		8		
H	Palace Station	44	0.25	451		
H	Gold Strike (Jean)	999	0.25	300		added 5/23
H	Nevada Landing (Jean)	999	0.25	300		added 5/23
H	PrMadonna (Stateline)	999	0.25	300		added 5/23
H	Whiskey Petes (Stateline)	999	0.25	258	within	added 5/23
M	E-Z 8 Motel	126	0.25	127	0.25 mile	
M	Allstar Inns	68	0.25	139		
M	Travelodge Tropicana	257	0.25	150		
H	King 8 Motel	31	0.25	298	2546	5626 updated 5/23
M	Las Vegas Inn/Casino	175	0.25	223		
H	Caesar's Palace	9	0.50	1648		
M	Sunshine Manor Motel	238	0.50	26		
H	Sands Hotel	54	0.50	720		
H	Dunes Hotel	14	0.50	1160		
M	Forte Hotels Int.(center Strip)	253	0.50	159		
M	Moulin Rouge Hotel	189	0.50	111		
M	Desert Rose Motel	118	0.50	56		
H	Hilton Corp (Flamingo)	18	0.50	3173		
H	Boardwalk Hotel/Casino	7	0.50	201		
M	La Quinta Motor Inns Inc	171	0.50	114		
M	Center Strip Inn	99	0.50	92		

Route: I-15 to US 95 from California

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/NOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(Xf)*(A)*(B)]/[365*TOT]
M	Jessica motel	163	0.50	90		
M	Keiserman Daniel Trust	94	0.50	81		
M	Imperial Motel	160	0.50	17		
H	Barbery Coast Hotel/Casino	5	0.50	198		
M	Glasspool Inn	144	0.50	46		
M	Apache Motel	71	0.50	44		
M	Fez Motel	137	0.50	50		
M	Warren Motel Apartments	272	0.50	55		
M	Silver Sands Motel	222	0.50	25		
M	Ali Baba	66	0.50	34		
M	Strip Hotel	233	0.50	80		
H	Mirage	40	0.50	3049		
M	Jackpot Motel	162	0.50	22		
H	Excalibur	280	0.50	4032		
M	Full Moon	139	0.50	41		
H	Vegas World Hotel/Casino	62	0.50	852		
M	Motel 8	186	0.50	26		
H	Tropicana Hotel/Casino	60	0.50	1909	within	
H	Hacienda Hotel/Casino	25	0.50	780	0.50 mile	
M	Klondike Motor Inn	165	0.50	150		
M	Rodeway Inn of Las Vegas	212	0.50	97	22108	48853 updated 5/23
H	Rio Hotel/Casino	281	0.50	424		
M	Diamond Inn Motel	120	1.00	44		
H	Gold Coast	21	1.00	300		
M	Royal Oasis Motor Inn	215	1.00	140		
M	Royal Motel	214	1.00	14		
H	Aladdin Hotel/Casino	1	1.00	1100		
M	LV Comfort Inn	105	1.00	106		
H	Royal Las Vegas Hotel	50	1.00	238		
M	Convention Center Lodge	106	1.00	56		
H	Fremont Hotel/Casino	52	1.00	452		
H	Desert Inn Hotel/Casino	13	1.00	821		
H	Park Hotel/Casino	45	1.00	435		
M	Robe's Motor Lodge	211	1.00	11		
M	Westward Ho Hotel LV	275	1.00	1000		
M	Daisy Motel	109	1.00	151		
H	Stardust Hotel/Casino	58	1.00	1326		
M	Ritz Vegas Motel	210	1.00	12		
M	Villa Vegas Motel	268	1.00	23		
M	Days Inn	111	1.00	127		
M	Villa Inn Motel	266	1.00	44		
M	Rancho Anita Motel	208	1.00	30		
M	Algiers	65	1.00	105		
M	Del Mar Motel	113	1.00	35		
H	Vagabond Motel	261	1.00	364		
M	The Palace Motel	200	1.00	24		
M	Tropicana Inn	258	1.00	117		
M	Olympus Inn	198	1.00	56		
M	Forte Hotels Int.(LV Strip)	256	1.00	99		
M	Oasis Motel	196	1.00	33		
H	Bourbon Street Casino	8	1.00	150		
H	Lady Luck Hotel/Casino	32	1.00	796		
M	Tod Motel	246	1.00	108		
M	Desert Star Motel	119	1.00	55		
M	Thai Royal Motel	244	1.00	12		
H	Imperial Palace Hotel/Casino	30	1.00	2700		
M	Tahiti Motor Hotel	242	1.00	60		
M	Normandie Motel	194	1.00	15		
M	Westwind Motel	83	1.00	129		
M	Domino Motel	122	1.00	38		
H	California Hotel/Casino	10	1.00	650		
M	New West Motel	192	1.00	42		
H	Carriage House Hotel	11	1.00	143		
H	El Rancho	16	1.00	1025		
M	Bow & Arrow Motel	91	1.00	12		
M	Dynasty Inn	125	1.00	21		

Route: I-15 to US 95 from California

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/MOT IDS	Band width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)]/[365*TOT]
M	Brooks Motel	93	1.00	22		
H	Hotel San Remo	29	1.00	324		
H	Circus-Circus Hotel/Casino	12	1.00	2788		
M	Econo Inn	128	1.00	88		
M	Casa Malaga Motel	97	1.00	44		
M	Eden's Hotel	129	1.00	46		
H	Las Vegas Country Club	34	1.00	212		
M	El Cid Hotel	130	1.00	162		
M	Sand Dunes Motel	218	1.00	35		
M	El Mirador	131	1.00	27		
H	Gold Spike	22	1.00	109		
M	El Morocco Motel	132	1.00	252		
H	Sahara Hotel/Casino	51	1.00	1500		
H	Fitzgerald Hotel/Casino	17	1.00	652		
M	White Sands Motel	276	1.00	33		
M	Motel 6	185	1.00	880		
H	Thunderbird Hotel/Casino	59	1.00	287		
H	Hotel Nevada	28	1.00	161		
M	Victory Hotel-Motel	265	1.00	31		
M	Monterey Lodge motel	183	1.00	34		
H	Maxim Hotel/Casino	38	1.00	795		
M	Fun City	140	1.00	88		
M	Forte Hotels Int.(center Strip)	255	1.00	128		
M	Monie Marie Motel	182	1.00	54		
M	Downtown Convent Center Inn	76	1.00	95		
M	Getway Motel	142	1.00	45		
M	Super 8	241	1.00	300		
M	Monaco Motel	181	1.00	71		
M	Sulinda By Gaslight	234	1.00	155		
H	Holiday Inns Hotel/Casino	26	1.00	1395		
M	Starr Motel	227	1.00	22		
H	Four Queens	19	1.00	720		
M	Casa Blanca Inn	96	1.00	21		
M	Golden Inn Motel	148	1.00	71		
M	Shalimar Hotel & Casino	220	1.00	102		
M	Golden West Motel	149	1.00	15		
H	Riviera Hotel/Casino	49	1.00	2136		
M	Grand Flamingo	150	1.00	220		
H	Bally's	4	1.00	2832		
H	Frontier Hotel/Casino	20	1.00	592		
H	MGM Marina Inc	39	1.00	705		
M	High Hat	153	1.00	31		
M	Town Palms Hotel	249	1.00	90		
M	Highland Inn	154	1.00	123		
M	Biltmore Vegas Motel	84	1.00	38		
M	La Concha Motel	168	1.00	100		
M	Hotel Sombero Inc	225	1.00	45		
M	Holiday House	156	1.00	75		
M	Russel Motel	216	1.00	21		
M	Holiday Motel	157	1.00	41		
H	Union Plaza Hotel/Casino	61	1.00	1038		
M	Koala Imports	167	1.00	50		
M	Tam Oshanter Motel	243	1.00	100		
H	Rainbow Vegas Hotel	47	1.00	272		
M	Casbah Motel	98	1.00	100		
H	Golden Nugget Inc	24	1.00	1917		
H	Binion's Horseshoe	6	1.00	379		
H	Arizona Charlies	3	1.00	100		
M	Boulevard Hotel Inc	90	1.00	55		
H	Golden Gate	23	1.00	106		
H	Quality Inn	46	3.00	320		
H	Las Vegas Courtyard	35	3.00	149		
M	King Albert Corp	164	3.00	104		
M	Somerset House Motel	226	3.00	104		
M	Knotty Pine Motel	166	3.00	19		
M	Crest Motel	107	3.00	154		

within
1 mile
58257 128733 updated 5/23

Route: I-15 to US 93 from California

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/NOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)]/[365*TOT]
M	Roulette Motel	213	3.00	26		
M	La Palm Motel	169	3.00	44		
M	Comfort Inn	104	3.00	150		
M	Hialeh Motel	152	3.00	7		
H	Saint Tropez(Harmon Ave)	57	3.00	150		
M	Lampighter Motel	174	3.00	33		
M	City Center Motel	102	3.00	57		
M	Las Vegas Motel	176	3.00	21		
M	Safari Motel	217	3.00	23		
M	Liberty Inn Motel	178	3.00	28		
M	Warren Inn	271	3.00	58		
M	Lucky Motel	180	3.00	28		
M	Cheyenne Motel	100	3.00	30		
M	Gables	141	3.00	20		
M	Silver Queen Motel	221	3.00	14		
M	Motel 5	184	3.00	11		
M	Vista Motel	269	3.00	43		
H	Sheffield Inn	55	3.00	228		
H	Paddlewheel Hotel/Casino	43	3.00	192		
M	Motel Vegas Verdes	188	3.00	14		
M	Sky Ranch Motel	224	3.00	29		
M	Downtown Motel	123	3.00	200		
M	Hops Motel	159	3.00	35		
M	Dixie Motel	121	3.00	10		
M	Holiday Royale Motel	158	3.00	300		
M	Great Western (465-D1)	117	3.00	87		
M	Villa Roma Motel	267	3.00	100		
M	Desert Moon Motel	116	3.00	24		
M	Star View Motel	228	3.00	24		
M	Par-A-Dice	201	3.00	53		
M	Starlite Motel	229	3.00	30		
M	Peter Pan Motel	203	3.00	46		
M	Airport Inn	64	3.00	340		
M	Purple Sage Motel	206	3.00	17		
M	Strip 91 Motel	232	3.00	17		
M	Days Inn(Fremont)	110	3.00	147		
M	Bonanza Lodge Motel	88	3.00	33		
M	Travelers Motel	252	3.00	36		
M	Blue Angle Hotel	86	3.00	83		
H	Residence Inn	48	3.00	192		
M	Valley Motel	263	3.00	22		
M	Lee Motel	177	3.00	85		
M	Uptown Motel	260	3.00	30		
M	Beverly Palms	278	3.00			
M	U.S. Motel	259	3.00	36		
M	Ferguson Motoresorts Inc	136	3.00	66		
M	Black Jack Motel	85	3.00	20		
H	Showboat Hotel/Casino	56	3.00	488		
M	Alpine Apartment Motel	69	3.00	40		
H	El Cortez Hotel/Casino	15	3.00	308		
M	Ambassador Motel	70	3.00	62		
M	Desert Hills Motel	114	3.00	29		
M	Best Western Parkview Inn	82	3.00	56		
M	Exber Inc (Fremont)	273	3.00	115		
H	Best Western Mardi Gras Inn	37	3.00	314		
M	Great Western (505-D1)	108	3.00	128		
M	Best Western McCarran	80	3.00	96		
H	Alexis Park	2	3.00	500		
M	Marianna Inn	79	3.00	88		
H	Continental Hotel Ltd	27	3.00	400		
H	Hilton Corp (Paradise)	36	3.00	3174		
M	Ninth Street Motel	193	3.00	82		
M	Ambassador Motel East	75	3.00	102		
M	Paradise Resort Inn	202	3.00	204		
M	Youn Lodge Motel	248	3.00	46		
M	La Paloma Motel	170	3.00	20		

Route: I-15 to US 95 from California

Non-Resident Population Estimation (cont)

TYPE	Name of Resorts	HOT/MOT IDS	Band Width (mile)	Number of Rooms	No. of Rooms within B/width	No. of non-res. pop. w/in B/width [(X1)*(A)*(B)]/[365*TOT]
M	Forte Hotels Int.(downtown)	254	3.00	58		
M	Motel Regency	187	3.00	48		
M	Town & Country Motel	250	3.00	29		
M	Landmark Hotel/Casino	33	3.00	499	within	
M	Ogden House	197	3.00	102	3 mile	
M	Conventioner	279	3.00	76	69467	153505 updated 5/23
M	Travel Inn Motel	251	3.00	57		
M	Branding Iron Motel	92	5.00	16		
M	Hitchin Post Motel	155	5.00	10		
M	Comet Motel	103	5.00	19		
M	Capri Motel	95	5.00	19		
M	Sundown Motel	235	5.00	8		
M	Golden City Motel	147	5.00	28		
M	Vegas Chalet Motel	264	5.00	53		
M	49'er Motel	135	5.00	28		
M	Cimarron Motel	101	5.00	21		
M	Sunrise Vista Motel	236	5.00	64		
M	Walden Motel	270	5.00	10		
M	Lucky Quas Motel	179	5.00	12	within	
M	La Siesta Motel	172	5.00	16	5 mile	
M	Ponderosa Motel	204	5.00	28	69819	154283 updated 5/23
M	Arrowhead Motel	73	5.00	20		
M	Sky Motel	223	10.00	21		
M	Super 8	239	10.00	150		
M	Barcelona M Rest. & Lounge	74	10.00	179		
M	Sam Town Motel/Casino	53	10.00	203		
M	Stevens Motel & Apts	231	10.00	58		
M	Gatewood Motel	143	10.00	18		
M	Sunset Motel (boulder Hwy)	237	10.00	24		
M	Super 8	240	10.00	110		
M	Nevada Palace Hotel/Casino	42	10.00	220		
M	Dreamland	124	10.00	16	within	
M	Allstar Inns	67	10.00	161	10 mile	
M	Best Western Nellis Motor Inn	81	10.00	52	71053	157009 updated 5/23
M	Tiki Motel	245	10.00	22		
Total =				72063		

Note: Cell K = cumulative sum of all hotel rooms within the designated band width

Appendix 2-BB

Route: I-15 to US 95 from California

Land Use Within 2 Mile Corridor

	Length (miles)	Total Area (sq miles)	Go/non	Resid.	Indust	Comm	Nonpro	Trans	Minor
			Area is in square miles						
1.1	0.372	0.744	0.43	0.00	0.00	0.31	0.00	0.00	0.00
1.2	12.238	24.476	23.86	0.00	0.04	0.39	0.17	0.00	0.00
1.3	12.897	25.794	25.51	0.00	0.04	0.06	0.17	0.00	0.00
1.4	2.316	4.632	4.05	0.58	0.00	0.00	0.00	0.00	0.00
1.5	4.589	9.178	8.16	1.02	0.00	0.00	0.00	0.00	0.00
1.6	1.123	2.246	2.25	0.00	0.00	0.00	0.00	0.00	0.00
1.7	1.393	2.786	1.86	0.93	0.00	0.00	0.00	0.00	0.00
1.8	2.468	4.936	2.19	0.00	0.55	1.10	0.00	0.55	0.55
1.9	0.990	1.980	0.66	0.00	0.00	1.32	0.00	0.00	0.00
1.10	0.781	1.562	0.00	0.00	0.00	1.17	0.00	0.00	0.39
1.11	0.779	1.558	0.39	0.00	0.00	0.78	0.00	0.00	0.39
1.12	0.580	1.160	0.46	0.23	0.00	0.46	0.00	0.00	0.00
1.13	1.203	2.406	0.00	0.00	0.00	0.48	0.00	0.00	0.00
1.14	1.176	2.352	0.00	1.18	0.00	1.18	0.00	0.00	0.00
2.1	0.352	0.704	0.00	0.00	0.00	0.47	0.23	0.00	0.00
2.2	0.721	1.442	0.00	0.96	0.00	0.48	0.00	0.00	0.00
2.3	1.049	2.098	0.00	0.70	0.00	0.70	0.70	0.00	0.00
2.4	0.784	1.568	0.00	0.52	0.00	0.52	0.52	0.00	0.00
2.5	0.995	1.990	0.50	1.49	0.00	0.00	0.00	0.00	0.00
2.6	1.168	2.336	0.47	1.87	0.00	0.00	0.00	0.00	0.00
2.7	0.839	1.678	1.12	0.56	0.00	0.00	0.00	0.00	0.00
2.8	1.018	2.036	0.51	1.02	0.00	0.00	0.00	0.51	0.00
2.9	1.032	2.064	0.52	1.03	0.00	0.00	0.52	0.00	0.00
2.10	1.024	2.048	1.02	1.02	0.00	0.00	0.00	0.00	0.00
2.11	0.512	1.024	0.51	0.51	0.00	0.00	0.00	0.00	0.00
2.12	0.508	1.016	0.00	0.51	0.00	0.00	0.51	0.00	0.00
2.13	0.928	1.856	1.86	0.00	0.00	0.00	0.00	0.00	0.00
2.14	0.467	0.934	0.62	0.31	0.00	0.00	0.00	0.00	0.00
2.15	2.400	4.800	4.00	0.40	0.00	0.40	0.00	0.00	0.00
2.16	2.900	5.800	5.80	0.00	0.00	0.00	0.00	0.00	0.00
2.17	1.000	2.000	2.00	0.00	0.00	0.00	0.00	0.00	0.00
2.18	12.650	25.300	25.30	0.00	0.00	0.00	0.00	0.00	0.00
2.19	12.803	25.606	25.61	0.00	0.00	0.00	0.00	0.00	0.00
2.20	1.000	2.000	2.00	0.00	0.00	0.00	0.00	0.00	0.00
2.21	1.000	2.000	2.00	0.00	0.00	0.00	0.00	0.00	0.00
2.22	17.290	34.580	34.58	0.00	0.00	0.00	0.00	0.00	0.00
<hr/>									
totals		210.690	178.24	14.84	0.63	9.82	2.83	1.06	1.33

Appendix 2-CC

Route: I-15 to US 95 from California

Property Values Within 2 Mile Corridor

Segment	Length (miles)	Area (sq. miles)	Property Value (total)	Property Value Per Sq Mile
1.1	0.372	0.744	\$12,490,603	\$16,788,445
1.2	12.238	24.476	\$17,883,930	\$730,672
1.3	12.897	25.794	\$39,634,439	\$1,536,576
1.4	2.316	4.632	\$39,574,144	\$8,543,641
1.5	4.589	9.178	\$336,207,156	\$36,631,854
1.6	1.123	2.246	\$33,712,610	\$15,010,067
1.7	1.393	2.786	\$230,065,033	\$82,578,978
1.8	2.468	4.936	\$4,368,269,553	\$884,981,676
1.9	0.990	1.980	\$308,510,239	\$155,813,252
1.10	0.781	1.562	\$3,476,238,153	\$2,180,690,239
1.11	0.779	1.558	\$1,056,566,397	\$678,155,582
1.12	0.580	1.160	\$958,074,598	\$825,926,378
1.13	1.203	2.406	\$789,887,076	\$328,298,868
1.14	1.176	2.352	\$3,472,341,385	\$1,476,335,623
2.1	0.352	0.704	\$201,710,764	\$286,520,972
2.2	0.721	1.442	\$356,126,887	\$246,967,328
2.3	1.049	2.098	\$1,234,848,026	\$588,583,425
2.4	0.784	1.568	\$158,505,653	\$101,087,789
2.5	0.995	1.990	\$390,087,728	\$196,023,984
2.6	1.168	2.336	\$565,357,746	\$242,019,583
2.7	0.839	1.678	\$272,683,731	\$162,505,203
2.8	1.018	2.036	\$468,993,724	\$230,350,552
2.9	1.032	2.064	\$439,873,389	\$213,116,952
2.10	1.024	2.048	\$269,932,050	\$131,802,759
2.11	0.512	1.024	\$123,891,893	\$120,988,177
2.12	0.508	1.016	\$343,356,175	\$337,948,991
2.13	0.928	1.856	\$138,387	\$74,562
2.14	0.467	0.934	\$289,523,695	\$309,982,543
2.15	2.400	4.800	\$293,888,515	\$61,226,774
2.16	2.900	5.800	\$28,340,111	\$4,886,226
2.17	1.000	2.000	\$3,001,420	\$1,500,713
2.18	12.650	25.300	\$5,214,204	\$206,095
2.19	12.803	25.606	\$3,466,644	\$135,384
2.20	1.000	2.000	\$15,548,137	\$7,774,068
2.21	1.000	2.000	\$3,612,671	\$1,806,336
2.22	17.29	34.580	\$26,027,560	\$752,677

TOTALS FOR ROUTE	105.345	210.69	\$20,563,584,435	\$97,601,141

Appendix 5-A
Jean: Mainline Connector from California
Infrastructure Data

Mainline connector: Union Pacific Railroad (Southern line in Nevada) from California-Nevada border to Caliente.

Source: Union Pacific Railroad Western Division Condensed Profile, Office of Chief Engineer, Omaha, Nebraska. January 1985

Milepost identifiers: MP 287.95 to MP 301.30

Length of mainline connector in Nevada = 13.35 miles

Jean Mainline Connector from California
Location and Length of Sidings

Location	Milepost	Length of Siding
Calada, CA	MP 287.63	6116 ft
Roach, CA	MP 291.72	(Ret.)
Borax, NV	MP 296.40	5791 ft
Jean, NV	MP 301.30	5730 ft

Jean Mainline Connector from California
Gradients over 1%

Location (Milepost MP)	Gradient, %
289 to 291	-1.00
295 to 296	+1.00
297 to 298	+1.00
299 to 301	+1.00

Rail: A mix of three types of rail is found for this segment of the UP connector - 133 lb/yard and 133 lb/yard CWR (Continuously Welded Rail).

**Jean Mainline Connector from California
Bridges and Culverts**

Glossary:

CSBD Concrete Slab Ballast Deck
RCP Reinforced Concrete Pipe
RCB Reinforced Concrete Box
RCBC Reinforced Concrete Box Culvert
RCRTB Reinforced Concrete Rail Top Box

Location (Milepost)	Description
MP 288.04	DBL 7' x 5' RCBC
MP 288.31	DBL 7' x 5' RCBC
MP 288.99	7' x 5' RCBC
MP 289.78	DBL 6' x 4' RCBC
MP 290.27	DBL 6' x 4' RCBC
MP 290.74	DBL 6' x 4' RCB
MP 291.08	6' x 4' RCB
MP 292.12	TRI 2' RCP
MP 293.50	TRI 2' RCP
MP 296.29	DBL 3' RCP
MP 296.65	DBL 4' RCP
MP 297.32	DBL 3' RCP
MP 297.70	4 - 15' CSBD
MP 298.31	2 - 10' CSBD
MP 299.39	2 - 15' CSBD
MP 299.82	2 - 10' CSBD
MP 300.33	DBL 3' RCP

Appendix 5-B
Jean: Mainline Connector from Utah
Infrastructure Data

Mainline connector: Union Pacific Railroad (southern Nevada: California Division) from Utah-NV border to Jean.

Source: Union Pacific Railroad Western Division Condensed Profile, Office of Chief Engineer, Omaha, Nebraska. January 1985

Milepost identifiers: MP 301.30 to MP 500.53
 (MP 493.31 = MP 494.25; 0.74 miles)

Length of mainline connector in Nevada = 198.91 miles

Jean Mainline Connector from Utah
Location and Length of Sidings

Location	Milepost	Length of Siding
Jean	MP 301.30	5730 ft
Erie	MP 309.34	5690 ft
Sloan	MP 314.76	6288 ft
Arden	MP 322.44	6480 ft
Boulder Junction	MP 327.43	3403 ft
Las Vegas	MP 334.28	Yard
Wann	MP 339.06	6119 ft
Valley	MP 342.64	1860 ft
Lovell	MP 344.59	600 ft
Dike	MP 346.71	6107 ft
Apex	MP 352.01	6072 ft
Arrolime	MP 353.79	1680 ft
Garnet	MP 357.17	6282 ft

**Jean Mainline Connector from Utah
Location and Length of Sidings (contd.)**

Location	Milepost	Length of Siding
Dry Lake	MP 363.22	6094 ft
Ute	MP 373.76	6102 ft
Moapa	MP 383.08	6066 ft
Farrier	MP 393.02	6056 ft
Rox	MP 398.15	6645 ft
Hoya	MP 402.76	5977 ft
Galt	MP 408.20	6100 ft
Vigo	MP 413.38	6068 ft
Carp	MP 418.74	5872 ft
Leith	MP 429.09	5925 ft
Kyle	MP 434.55	7140 ft
Elgin	MP 438.38	6275 ft
Boyd	MP 445.24	6013 ft
Stine	MP 449.86	5976 ft
Etna	MP 454.85	6079 ft
Caliente	MP 459.95	6250 ft
Caliente	MP 459.95	7830 ft
Eccles	MP 465.41	15105 ft
Richmond	MP 470.5	5812 ft
Little Springs	MP 472.02	2520 ft
Islen	MP 475.64	6516 ft
Acoma	MP 484.21	6041 ft
Brown	MP 489.61	6013 ft
Crestline, NV	MP 496.48	6490 ft
Uvadata, UT	MP 501.15	6008 ft

**Jean Mainline Connector from Utah
Gradients over 1%**

Location (Milepost MP)	Gradient, %
299 to 301	+1.00
301 to 304	+1.00
305 to 306	+1.00
309 to 319	-1.00
320 to 321	-1.00
342 to 326	-1.00
326 to 329	-1.00
334 to 334	-1.00
335 to 335	-1.15
335 to 336	-1.00
341 to 346	+1.00
346 to 351	+1.00
351 to 356	-1.00
356 to 358	-1.00
359 to 359	-1.00
360 to 360	-1.00
365 to 366	-1.00
369 to 369	-1.00
370 to 370	-1.00
374 to 377	-1.00
377 to 381	-1.00
382 to 383	+1.00
392 to 393	+1.00
393 to 394	+1.00
394 to 394	+1.00
397 to 397	+1.00

**Jean Mainline Connector from Utah
Gradients over 1% (contd.)**

Location (Milepost MP)	Gradient, %
398 to 399	+1.00
401 to 401	+1.00
403 to 405	+1.00
406 to 408	+1.00
409 to 409	+1.00
411 to 411	+1.00
412 to 412	+1.00
414 to 415	+1.00
416 to 418	+1.00
424 to 424	+1.00
426 to 429	+1.00
429 to 429	+1.20
429 to 430	+1.50
430 to 431	+1.00
431 to 431	+1.50
432 to 434	+1.50
434 to 435	+1.00
438 to 439	+1.25
439 to 440	+1.00
440 to 441	+1.40
441 to 444	+1.50
444 to 445	+1.10
446 to 447	+1.00
447 to 449	+1.50
449 to 449	+1.04
449 to 452	+1.00
452 to 453	+1.00

**Jean Mainline Connector from Utah
Gradients over 1% (contd.)**

Location (Milepost MP)	Gradient, %
455 to 456	+1.00
458 to 458	+1.00
460 to 463	+1.00
468 to 468	+1.03
469 to 469	+1.40
470 to 471	+1.20
471 to 471	+1.92
471 to 472	+1.40
472 to 473	+1.95
473 to 474	+2.06
474 to 474	+1.70
476 to 476	+1.00
479 to 480	+1.24
485 to 485	+1.35
485 to 486	+1.17
487 to 487	+1.52
487 to 488	+1.24
490 to 491	+1.01
491 to 492	+1.04
492 to 493	+1.00
493 to 494	+1.00
495 to 496	-1.00
496 to 496	-1.00
497 to 497	-1.00
498 to 499	-1.03

Rail: A mix of three types of rail is found for this segment of the UP connector - 133 lb/yard, 133 lb/yard CWR (Continuously Welded Rail), and High Strength Steel.

**Jean Mainline Connector from Utah
Bridges and Culverts**

Glossary:

BBD	Beam - Ballast Deck
BOD	Beam - Open Deck
CMP	Corrugated Metal Pipe
CSBD	Concrete Slab - Ballast Deck
DPGBD	Deck Plate Girder - Ballast Deck
DPGOD	Deck Plate Girder - Open Deck
OH	Overhead
RCA	Reinforced Concrete Arch
RCB	Reinforced Concrete Box
RCRTB	Reinforced Concrete Rail Top Box
RTB	Rail Top Box
SPP	Structural Plate Pipe
SPTBD	Steel Pile Trestle - Ballast Deck
TPGBD	Thru Plate Girder - Ballast Deck
TPGOD	Thru Plate Girder - Open Deck
TTOD	Thru Truss - Open Deck
VIAD	Viaduct

Location (Milepost)	Description
MP 301.41	2 - 15' CSBD
MP 301.93	5' RCP
MP 302.65	15' CSBD
MP 303.88	10' CSBD
MP 304.70	54' TPGBD
MP 305.98	2 - 10' CSBD
MP 306.17	TRI 3' RCP
MP 306.51	8' x 6' CSBD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 307.12	DBL 4' RCP
MP 307.20	DBL 5' RCP
MP 308.10	TRI 3' RCP
MP 308.32	TRI 4' RCP
MP 308.59	5' RCP
MP 310.02	TWIN OH
MP 310.19	10' x 9' RCA
MP 310.50	8' x 9' RCA
MP 310.86	6' x 7' RCA
MP 311.51	6' x 7' RCA
MP 311.56	22' CSBD
MP 312.79	12' x 10' RCA
MP 313.70	8' x 9' RCA
MP 314.19	7' x 40' SPP
MP 314.38	2 - 15' BOD
MP 314.65	6' x 4' RCB
MP 315.47	6' x 7' RCA
MP 318.75	1 - SP TPTBD
MP 319.46	8' x 6' RCB
MP 319.67	12' x 11' RCB
MP 320.21	3 - 15' BOD
MP 320.37	1 - 15' BOD
MP 320.57	2 - 15' BOD
MP 321.15	2 - 65' DPGOD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 321.48	8' x 6' RCB
MP 322.05	DBL 8' x 6' RCB
MP 323.11	DBL 3' RCP
MP 323.46	10' CSBD
MP 323.69	DBL 3' RCP
MP 324.27	45' BBD
MP 324.65	45' BBD
MP 325.28	10' CSBD
MP 325.97	15' CSBD
MP 326.23	15' CSBD
MP 326.70	4' x 29' RCP 4' x 42' CMP
MP 327.48	20' x 18' x 114' SPA
MP 328.24	3' x 32' RCP 3' x 63' CMP
MP 328.42	10' x 114' SPA
MP 328.71	2 - 55' SP BBD
MP 329.02	8' x 4' RCB
MP 329.27	DBL 3' RCP
MP 329.84	7-15' 1-20' 3-30' SPTBD
MP 330.04	58" x 36" x 93' CMPA
MP 330.31	TWIN OH VIAD.
MP 332.05	OH VIAD.
MP 333.21	2 - 48' DPGBD
MP 334.46	15' CSBD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 334.50	OH VIAD.
MP 334.65	1 - 33' 1 - 43' BBD
MP 334.94	2 - 80' DPGBD
MP 335.18	TRI 2' RCP
MP 335.44	65' 38' 34' TPGBD
MP 335.66	2 - 142' 2 - 57' TPGBD
MP 336.15	1 - 25' BOD
MP 336.54	OH VIAD.
MP 337.24	8' x 4' RCB
MP 337.70	OH VIAD.
MP 338.33	80' DPGOD
MP 338.75	DBL 8' x 4' RCB
MP 339.23	2 - 15' CSBD
MP 340.32	10' x 7' RCB
MP 340.88	12' x 8' RCB
MP 341.12	2 - 15' CSBD
MP 341.84	1 - SP SPTBD
MP 342.89	DBL 8' x 4' RCB
MP 343.11	2 - 10' CSBD
MP 343.71	8' x 4' RCB
MP 343.98	8' x 4' RCB
MP 344.33	2 - 15' CSBD
MP 344.52	2 - 15' CSBD
MP 360.40	10' CSBD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 361.14	6' x 4' RCB
MP 361.99	10' CSBD
MP 362.12	TWIN OH VIAD.
MP 362.55	6' x 4' RCB
MP 364.56	25' DPGOD
MP 364.68	45' BOD
MP 367.92	10' CSBD
MP 368.12	15' CSBD
MP 368.58	6' x 4' RCB
MP 369.68	6' x 4' RCB
MP 370.11	6' x 4' RCB
MP 370.76	8' x 6' RCB
MP 371.09	10' CSBD
MP 371.96	10' x 7' CSBD
MP 372.94	4 - 15' CSBD
MP 373.09	15' CSBD
MP 373.82	3 - 10' CSBD
MP 374.09	10' CSBD
MP 375.22	4 - 10' CSBD
MP 377.00	15' CSBD
MP 377.54	10' x 10' RCB
MP 378.57	11' x 12' RCB
MP 378.98	8' x 6' RCB
MP 379.75	15' CSBD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 380.49	8' x 6' RCB
MP 380.69	12' x 12' RCB
MP 381.53	2 - 42' DPGOD
MP 381.77	4' x 6' RCA
MP 381.91	12' x 12' RCB
MP 382.78	8' x 6' RCB
MP 383.35	OH VIAD.
MP 383.57	15' CSBD
MP 385.40	15' CSBD
MP 385.68	15' CSBD
MP 386.80	10' CSBD
MP 387.71	10' x 8' RCB
MP 388.47	6' x 5' RCB
MP 389.06	8' x 6' RCB
MP 389.37	10' CSBD
MP 389.80	8' x 6' RCB
MP 390.41	8' x 6' RCB
MP 390.80	8' x 6' RCB
MP 391.40	8' x 6' RCB
MP 391.54	6' x 5' RCB
MP 391.67	6' x 5' RCB
MP 392.25	2 - 20' BOD
MP 393.76	2 - 20' BOD
MP 394.15	3 - 20' BOD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 394.54	8' x 4' RCRTB
MP 394.99	30' BBD
MP 395.42	2 - 110' TTOD
MP 395.68	40' DPGOD
MP 395.04	125' TTOD
MP 397.30	2 - 100' TPGOD
MP 398.12	40' DPGOD
MP 398.57	8' x 6' RCB
MP 399.52	20' BOD
MP 399.90	20' BOD
MP 400.69	2 - 20' BOD
MP 402.10	DBL 7' x 5' RCB
MP 402.80	20' BOD
MP 403.95	28' BOD
MP 405.02	2 - 20' BOD
MP 405.16	11' BOD
MP 405.25	20' BOD
MP 405.38	11' BBD
MP 405.39	11' BBD
MP 406.24	4 - 20' BOD
MP 406.55	3 - 100' TPGOD
MP 406.90	5' CMP
MP 407.09	2 - 100' TPGOD
MP 407.79	11' BBD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 407.84	8' x 6' RCB
MP 407.93	2 - 12' BOD
MP 408.24	5' CMP
MP 408.90	3 - 100' TPGOD
MP 408.97	150' TTOD
MP 409.16	11' BOD
MP 409.80	20' BOD
MP 409.93	5' CMP
MP 410.92	2 - 20' BOD
MP 411.31	11' BBD
MP 411.55	2 - 20' BOD
MP 411.78	2 - 20' BOD
MP 412.24	2 - 20' BOD
MP 413.14	2 - 20' BOD
MP 414.12	80' TPGOD
MP 414.58	2 - 20' BOD
MP 414.89	20' BOD
MP 415.09	6' x 6' RCA
MP 415.52	30' DPGOD
MP 415.70	20' BOD
MP 416.17	30' DPGOD 2 - 30' BOD
MP 416.66	DBL 7' x 5' RCB
MP 418.13	3 - 20' BOD
MP 419.30	2 - 100' TPGOD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 419.72	3 - SP. SPTBD
MP 420.52	45' BBD
MP 421.68	30' BBD
MP 422.77	2 - 60' TPGOD
MP 423.17	6' x 4' RCB
MP 423.99	20' BOD
MP 424.51	8' x 6' RCB
MP 425.00	8' x 6' RCB
MP 425.74	12' x 10' RCA
MP 426.27	16' x 13' RCA
MP 426.60	7' x 5' RCB
MP 427.11	8' x 6' RCB
MP 427.73	30' BBD
MP 428.25	2 - 20' BBD
MP 428.86	2 - 30' BBD
MP 429.18	30' BBD
MP 429.30	2 - 30' BBD
MP 429.46	2 - SP. SPTBD
MP 429.73	2 - 30' BBD
MP 430.18	40' TPGBD
MP 430.38	8' x 6' RCB
MP 430.66	2 - 100' TPGOD
MP 431.81	2 - 60' TPGOD
MP 432.02	15' BOD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 433.47	1 - 90' TPGOD 110' TTOD
MP 434.52	8' x 6' RCB
MP 435.80	2 - 20' BOD
MP 436.29	1 - 20' BOD
MP 437.19	3 - 100' TPGOD
MP 437.63	DBL 8' x 6' RCB
MP 438.76	DBL 7' x 5' RCB
MP 440.93	2 - 30' BOD
MP 441.78	2 - 100' DPGOD
MP 443.34	2 - 30' BOD
MP 444.54	2 - 125' TTOD
MP 445.92	3 - SP. SPTBD
MP 446.94	10' RCA
MP 447.87	2 - 125' TTOD
MP 449.18	1 - 80' TPGOD
MP 450.62	1 - 50' DPGOD
MP 452.01	1 - 50' DPGOD
MP 454.36	2 - 20' BOD
MP 456.39	45' BBD
MP 457.42	2 - 20' BOD
MP 458.54	127' TTOD 90' TPGOD
MP 458.71	6' x 7' RCA
MP 461.06	45' DPGBD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 462.36	6 - 30' BOD
MP 463.47	Tri 8' x 4' RTB
MP 464.77	8' x 6' RCB
MP 464.88	8' x 6' RCB
MP 465.49	40' DPGBD
MP 466.37	30' BOD
MP 467.21	8' x 6' RCB
MP 467.62	80' DPGOD
MP 468.06	125' TTOD 90' TPGOD
MP 468.65	2 - 20' BOD
MP 469.05	2 - 100' TPGOD
MP 473.31	15' CSBD
MP 469.31	2 - 100' TPGOD
MP 469.92	3 - 100' TPGOD
MP 470.89	2 - 100' TPGOD
MP 471.27	100' TPGOD
MP 471.44	2 - 100' TPGOD
MP 471.73	100' TPGOD
MP 472.51	3 - 60' DPGOD
MP 472.69	100' DPGOD
MP 473.86	93' x 23' RCA
MP 474.18	80' DPGOD
MP 474.39	3 - 40' DPGOD
MP 474.54	3 - 40' DPGOD

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 474.69	60' DPGOD
MP 474.81	2 - 40' DPGOD
MP 475.63	7 - 20' CSBD
MP 476.50	8' x 6' RCB
MP 476.79	7 - 20' CSBD
MP 476.89	3 - 40' DPGOD
MP 477.07	6' x 4' RCB
MP 479.28	QQuad. RTB
MP 480.02	15' x 10' RCB
MP 480.53	15' x 10' RCB
MP 480.70	12' x 8' RCB
MP 481.19	2 - 8' RTB
MP 481.38	2 - 8' RTB
MP 481.57	2 - 8' RTB
MP 481.75	2 - 8' RTB
MP 481.84	7' x 6' RCB
MP 482.20	Dbl. 8' x 6' RCB
MP 485.23	2 - 30' BBD
MP 486.01	6' x 4' RCB
MP 486.59	10' x 8' RCB
MP 487.14	10' x 10' RCB
MP 487.72	10' x 8' RCB
MP 487.82	10' x 8' RCB
MP 488.08	10' x 7' RCB

**Jean Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 488.27	Dbl 8' x 8' RCRTB
MP 488.47	10' x 5' RCB
MP 488.62	10' x 5' RCB
MP 488.75	10' x 5' RCB
MP 488.92	15' CSBD
MP 489.41	Tri. 8' RCRTB
MP 490.08	8' x 6' RCB
MP 491.25	8' x 6' RCB
MP 495.80	13' SPP
MP 496.21	13' SPP
MP 496.71	20' SPP
MP 498.39	10' x 8' RCB
MP 498.40	20' BOD
MP 498.85	8' x 6' RCB
MP 499.55	6' x 4' RCB
MP 500.24	6' x 4' RCB
MP 500.89	10' x 6' RCB

**Jean Mainline Connector from Utah
Tunnels**

Location (Milepost)	Description	Tracks/Length
MP 433.56	W. Portal Tunnel No. 4	Dbl Trk. 1226 ft.
MP 441.90	W. Portal Tunnel No. 5	Dbl Trk. 578 ft.
MP 449.00	W. Portal Tunnel No. 6	Sid Trk. 456 ft.
MP 450.89	W. Portal Tunnel No. 7	Sl Trk. 431 ft.
MP 451.32	W. Portal Tunnel No. 8	Sl Trk. 264 ft.
MP 453.25	W. Portal Tunnel No. 9	Sl Trk. 612 ft.
MP 456.04	W. Portal Tunnel No. 10	Sl Trk. 745 ft.
MP 462.66	W. Portal Tunnel No. 11	Dbl Trk. 1324 ft.
MP 463.22	W. Portal Tunnel No. 12	Dbl Trk. 502 ft.
MP 471.32	W. Portal Tunnel No. 13	Sid Trk. 571 ft.
MP 472.74	W. Portal Tunnel No. 14	Sl Trk. 694 ft.
MP 473.95	W. Portal Tunnel No. 15	Sl Trk. 228 ft.
MP 474.23	W. Portal Tunnel No. 16	Sl Trk. 376 ft.
MP 474.61	W. Portal Tunnel No. 17	Sl Trk. 299 ft.
MP 487.87	W. Portal Tunnel No. 18	Sl Trk. 291 ft.

**Appendix 5-C
Caliente Mainline Connector
Infrastructure Data**

Mainline connector: Union Pacific Railroad (southern Nevada: California Division) from Utah-NV border to Caliente.

Source: Union Pacific Railroad Western Division Condensed Profile, Office of Chief Engineer, Omaha, Nebraska. January 1985

Milepost identifiers: MP 500.53 to MP 459.95.
(MP 493.31 = MP 494.25; 0.74 miles)

Length of mainline connector in Nevada = 39.84 miles

**Caliente Mainline Connector
Location and Length of Sidings**

Location	Milepost	Length of Siding
Caliente	MP 459.95	6250 ft
Caliente	MP 459.95	7830 ft
Eccles	MP 465.41	15105 ft
Richmond	MP 470.5	5812 ft
Little Springs	MP 472.02	2520 ft
Ellen	MP 475.64	6516 ft
Acoma	MP 484.21	6041 ft
Brown	MP 489.61	6013 ft
Crestline, NV	MP 496.48	6490 ft
Uvada, UT	MP 501.15	6008 ft

**Caliente Mainline Connector
Gradients over 1%**

Location (Milepost MP)	Gradient, %
460 to 463	+1.00
468 to 468	+1.03
469 to 469	+1.40
470 to 471	+1.20
471 to 471	+1.92
471 to 472	+1.40
472 to 473	+1.95
473 to 474	+2.06
474 to 474	+1.70
476 to 476	+1.00
479 to 480	+1.24
485 to 485	+1.35
485 to 486	+1.17
487 to 487	+1.52
487 to 488	+1.24
490 to 491	+1.01
491 to 492	+1.04
492 to 493	+1 00
493 to 494	+1.00
495 to 496	-1.00
496 to 496	-1.00
497 to 497	-1.00
498 to 499	-1.03

Rail: A mix of three types of rail is found for this segment of the UP connector - 133 lb/yard, 133 lb/yard CWR (Continuously Welded Rail), and High Strength Steel.

**Caliente Mainline Connector
Bridges and Culverts**

Glossary:

BBD Beam - Ballast Deck
BOD Beam - Open Deck
CSBD Concrete Slab - Ballast Deck
DPGBD Deck Plate Girder - Ballast Deck
DPGOD Deck Plate Girder - Open Deck
RCA Reinforced Concrete Arch
RCB Reinforced Concrete Box
RCRTB Reinforced Concrete Rail Top Box
RTB Rail Top Box
SPP Structural Plate Pipe
TPGOD Thru Plate Girder - Open Deck
TTOD Thru Truss - Open Deck

Location (Milepost)	Description
MP 461.06	45' DPGBD
MP 462.36	6 - 30' BOD
MP 463.47	Tri 8' x 4' RTB
MP 464.77	8' x 6' RCB
MP 464.88	8' x 6' RCB
MP 465.49	40' DPGBD
MP 466.37	30' BOD
MP 467.21	8' x 6' RCB
MP 467.62	80' DPGOD

**Caliente Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 468.06	125' TTOD 90' TPGOD
MP 468.65	2 - 20' BOD
MP 469.05	2 - 100' TPGOD
MP 469.31	2 - 100' TPGOD
MP 469.92	3 - 100' TPGOD
MP 470.89	2 - 100' TPGOD
MP 471.27	100' TPGOD
MP 471.44	2 - 100' TPGOD
MP 471.73	100' TPGOD
MP 472.51	3 - 60' DPGOD
MP 472.69	100' DPGOD
MP 473.31	15' CSBD
MP 473.86	93' x 23' RCA
MP 474.18	80' DPGOD
MP 474.39	3 - 40' DPGOD
MP 474.54	3 - 40' DPGOD
MP 474.69	60' DPGOD
MP 474.81	2 - 40' DPGOD
MP 475.63	7 - 20' CSBD
MP 476.50	8' x 6' RCB
MP 476.79	7 - 20' CSBD
MP 476.89	3 - 40' DPGOD
MP 477.07	6' x 4' RCB
MP 479.28	QQuad. RTB

**Caliente Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 480.02	15' x 10' RCB
MP 480.53	15' x 10' RCB
MP 480.70	12' x 8' RCB
MP 481.19	2 - 8' RTB
MP 481.38	2 - 8' RTB
MP 481.57	2 - 8' RTB
MP 481.75	2 - 8' RTB
MP 481.84	7' x 6' RCB
MP 482.20	Db1 8' x 6' RCB
MP 485.23	2 - 30' BBD
MP 486.01	6' x 4' RCB
MP 486.59	10' x 8' RCB
MP 487.14	10' x 10' RCB
MP 487.72	10' x 8' RCB
MP 487.82	10' x 8' RCB
MP 488.08	10' x 7' RCB
MP 488.27	Db1 8' x 8' RCRTB
MP 488.47	10' x 5' RCB
MP 488.62	10' x 5' RCB
MP 488.75	10' x 5' RCB
MP 488.92	15' CSBD
MP 489.41	Tri. 8' RCRTB
MP 490.08	8' x 6' RCB
MP 491.25	8' x 6' RCB

**Caliente Mainline Connector
Bridges and Culverts (contd.)**

Location (Milepost)	Description
MP 495.80	13' SPP
MP 496.21	13' SPP
MP 496.71	20' SPP
MP 498.39	10' x 8' RCB
MP 498.40	20' BOD
MP 498.85	8' x 6' RCB
MP 499.55	6' x 4' RCB
MP 500.24	6' x 4' RCB
MP 500.89	10' x 6' RCB

**Caliente UP Mainline Connector
Tunnels**

Location (Milepost)	Description	Tracks/Length
MP 462.66	W. Portal Tunnel No. 11	Dbl Trk. 1324 ft.
MP 463.22	W. Portal Tunnel No. 12	Dbl Trk. 502 ft.
MP 471.32	W. Portal Tunnel No. 13	Sid Trk. 571 ft.
MP 472.74	W. Portal Tunnel No. 14	S1 Trk. 694 ft.
MP 473.95	W. Portal Tunnel No. 15	S1 Trk. 228 ft.
MP 474.23	W. Portal Tunnel No. 16	S1 Trk. 376 ft.
MP 474.61	W. Portal Tunnel No. 17	S1 Trk. 299 ft.
MP 487.87	W. Portal Tunnel No. 18	S1 Trk. 291 ft.

Appendix 5-D
Carlin: Mainline Connector from Utah
Infrastructure Data

Mainline connector: Union Pacific Railroad (Northern line in Nevada) from Utah-NV border to Caliente.

Source: Union Pacific Railroad Western Division Condensed Profile, Office of Chief Engineer, Omaha, Nebraska. January 1985

Milepost identifiers: MP 646 to MP 807

Length of mainline connector in Nevada = 161 miles

Carlin Mainline Connector from Utah
Location and Length of Sidings

Location	Milepost	Length of Siding
Wendover	MP 807	10,200 ft
Ola	MP 799	6000 ft
Pilot	MP 789	6000 ft
Cliffside	MP 781	6000 ft
Silver Zone	MP 772	6160 ft
Shafter	MP 766	6198 ft
Sage	MP 758	6183 ft
Spruce	MP 747	6153 ft
Ventosa	MP 738	6160 ft
Ruby	MP 728	6123 ft
Wells	MP 718	6198 ft
Deeth	MP 700	5769 ft
Elburz	MP 683	5844 ft
Elko	MP 669	Yard

Appendix 6-A
Difficult to Evacuate Locations

SCHOOL ENROLLMENT

Jean Spur 3

One school is located within the 20-mile corridor of this route (81 students).

Jean Spur 3 with Mainline Connector from California:

One school is located within the 20-mile corridor of this route (81 students).

Jean Spur 3 with Mainline Connector from Utah:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
North of Craig Road						49
Between Craig & Cheyenne	0	0	0	2246	2246	2975
Cheyenne & Lake Mead	1001	1503	3978	8530	9276	10575
Lake Mead & Bonanza	0	689	2240	8013	14576	6964
Bonanza & Charleston	0	0	2244	9144	17592	17658
Charleston & Sahara	0	0	517	5920	11742	13452
Sahara & DI	0	0	643	4058	4825	5550
DI & Flamingo	0	0	0	1692	4027	4027
Flamingo & Tropicana	0	0	0	3196	5249	9877
Tropicana & Sunset	0	0	0	1514	4810	7528
Sandy Valley	0	0	0	0	0	81
Total	1001	2192	9622	44313	74343	88736

School Enrollment (cont)

Caliente Rail Spur 7:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 7.1:	0	0	0	102	177	248

Caliente Rail Spur 7 with Mainline Connector from Utah:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 7.1	0	0	0	102	177	248

Carlin Rail Spur 8:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 8.1	0	0	0	0	0	482

Carlin Rail Spur 8 with Mainline Connector from Utah:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 8.1	0	0	0	0	0	71
within Wells city limits	0	189	401	401	401	440
within West Wendover city limits	0	0	443	443	443	443
within Carlin city limits	0	411	411	411	411	411
within Elko city limits	864	864	3,537	3,537	3,537	3,537
Totals	864	1,464	4,792	4,792	4,792	4,863

PRISON INMATES

Jean Spur 3

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 3.4:	0	0	631	631	631	631

Jean Spur 3 Mainline Connector from California:

same as Jean Spur 3

Jean Spur 3 with Mainline Connector from Utah:

same as Jean Spur 3

Caliente Rail Spur 7:

No prisons are located within any corridor of spur 7

Spur 7 with Mainline Connector from Utah:

No prisons or correctional institutions are located within any corridor of spur 7 or its mainline connector from Utah

Carlin Rail Spur 8:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 8.1	0	0	0	0	0	150

Carlin Rail Spur 8 with Mainline Connector from Utah:

same as Spur 8

NUMBER OF HOSPITAL BEDS

Jean Spur 3

No hospitals are located within any corridor of this route.

Jean Spur 3 with Mainline Connector from California:

No hospitals are located within any corridor of this route.

Jean Spur 3 with Mainline Connector from Utah:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Within city limits of Caliente	0	12	12	12	12	12
Between Flamingo & Desert Inn in Las Vegas	0	0	0	0	80	80
Between Flamingo & Tropicana in Las Vegas	0	0	0	80	270	270
Between Sahara & Desert Inn in Las Vegas	0	0	0	790	790	790
Between Charleston & Bonanza in Las Vegas	0	0	746	746	746	746
Between Cheyenne & Craig in Las Vegas	0	0	0	0	45	79
Between Lake Mead & Bonanza in Las Vegas	0	0	163	163	163	163
Totals	0	12	921	1791	2106	2140

Caliente Rail Spur 7:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 7.1:	0	0	0	12	12	12

Caliente Rail Spur 7 with Mainline Connector from Utah:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
Segment 7.1	0	0	0	12	12	12

Number of Hospital Beds (cont)

Carlin Rail Spur 8:

No hospitals are located within any corridor of Spur 8.

Carlin Rail Spur 8 with Mainline Connector from Utah:

	Corridor Width (miles)					
	1/2	1	2	6	10	20
within Elko city limits	0	0	50	50	50	50

Appendix 6-B

High Pressure Natural Gas Pipelines and Hazardous Material Truck Shipment Crossings

High-Pressure Natural Gas Pipelines Crossing or Passing Within 20 Mile-Wide Corridor

Jean Rail Spur 3:

Segment	Corridor Width (miles)						Crosses Route
	0.5	1	2	6	10	20	
3.4	0.3	0.5	0.5	0.5	0.5	0.5	1

Jean Rail Spur & Mainline Connector from California:

Segment	Corridor Width (miles)						Crosses Route
	0.5	1	2	6	10	20	
CAL border to beginning of Spur 3	2.9	6.4	22.2	22.2	22.2	22.2	0
3.4	0.3	0.5	0.5	0.5	0.5	0.5	1
Total	3.2	6.9	22.7	22.7	22.7	22.7	1

Jean Rail Spur & Mainline Connector from Utah:

Segment	Corridor Width (miles)						Crosses Route
	0.5	1	2	6	10	20	
	28.6	31.2	37.2	60.4	65.0	71.4	4

**High-Pressure Natural Gas Pipelines
Crossing or Passing Within 20 Mile-Wide Corridor (cont)**

Caliente Rail Spur 7 & Mainline Connector from Utah:

No pipelines are located within a 20 mile corridor along Spur 7 or its mainline connector from Utah.

Carlin Rail Spur 8

Segment	Corridor Width (miles)						Crosses Route
	0.5	1	2	6	10	20	
8.1	0	0	0	0	2.1	7.02	0

Carlin Rail Spur 8 & Mainline Connector from Utah:

Segment	Corridor Width (miles)						Crosses Route
	0.5	1	2	6	10	20	
Elko to Carlin	0	0	0	16.4	16.4	16.4	0
CRLN.5	0	0	0	3.04	6.96	6.96	0
8.1	0	0	0	0	2.1	7.02	0
Total	0	0	0	19.44	25.5	30.4	0

**Hazardous Material Shipments per day
Trucks Crossing or within 0.5 Mile Corridor**

Jean Spur:

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
3.2	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
3.4	1.4	1.4	61.2	1.4	5.5	1.4	0.0	34.0	10.9	117

										131

Caliente Spur:

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.3	0.0	0.0	7.6	0.0	0.8	0.8	0.0	0.0	1.7	11
7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.6	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.9	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
7.10	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
7.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

										61

Carlin Spur:

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
8.1	0.0	0.0	2.9	0.0	0.6	0.0	0.0	0.6	0.0	4
8.2	0.0	0.0	2.9	0.0	0.6	0.0	0.0	0.6	0.0	4
8.3	0.0	0.0	2.9	0.0	0.6	0.0	0.0	0.6	0.0	4
8.4	0.0	0.8	0.8	0.0	0.8	0.0	0.0	1.7	0.8	5
8.5	0.0	3.1	17.1	0.6	0.0	0.0	0.0	0.6	0.6	22
8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
8.8	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
8.9	0.9	1.1	7.1	0.0	0.2	0.0	1.5	2.4	0.9	14
8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

										67

**Quantity of Hazardous Materials Shipped
Crossing or within 0.5 Mile Corridor
Tons/Day**

Jean Spur 3:

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
3.2	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
3.4	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5

Total tons/day crossing Jean Spur 3: 2,291.3

Jean Spur 3 Mainline Connector from California:

Same as for Jean Spur 3.

Jean Spur 3 Mainline Connector from Utah:

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
3.2	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
3.4	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
I-15	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
US 95	14.0	29.3	1126.4	1.7	59.5	18.0	85.5	453.1	138.0	1925.5
FAS 160	0	0	13.5	0	0	0	0	0	0	13.5

Total Tons/day crossing California Access route: 4,596.1

Caliente Spur 7

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
7.1	2.0	9.0	196.7	0.0	13.9	6.7	6.1	25.5	14.3	274.2
7.2	0	0	0	0	0	0	0	0	0	0
7.3	0.0	0.0	245.9	0.0	16.9	15.0	0.0	0.0	30.8	308.6
7.4	0	0	0	0	0	0	0	0	0	0
7.5	0	0	0	0	0	0	0	0	0	0
7.6	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
7.7	0	0	0	0	0	0	0	0	0	0
7.8	0	0	0	0	0	0	0	0	0	0
7.9	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
7.10	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
7.11	0	0	0	0	0	0	0	0	0	0
7.12	0	0	0	0	0	0	0	0	0	0

										1800.1

Caliente Mainline Connector from Utah:

same as Caliente Spur 7

Carlin Rail Spur 8

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
8.1	0.0	0.0	98.5	0.0	12.2	0.0	0.0	12.0	0.0	122.7
8.2	0.0	0.0	98.5	0.0	12.2	0.0	0.0	12.0	0.0	122.7
8.3	0.0	0.0	98.5	0.0	12.2	0.0	0.0	12.0	0.0	122.7
8.4	6.7	49.4	160.7	2.0	12.0	0.0	0.0	72.1	9.0	311.9
8.5	1.1	38.1	412.4	10.8	1.8	1.1	0.0	12.5	7.9	485.7
8.6	0	0	0	0	0	0	0	0	0	0
8.7	0	0	0	0	0	0	0	0	0	0
8.8	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
8.9	19.0	11.4	248.1	3.3	5.8	0.7	17.5	50.9	9.1	365.8
8.10	0	0	0	0	0	0	0	0	0	0
8.11	0	0	0	0	0	0	0	0	0	0
										1897.3

Carlin Mainline Connector from Utah:

Segment	Category of Hazardous Material									Total
	1	2	3	4	5	6	7	8	9	
CRLN.1	0.0	95.0	1048.9	0.0	0.0	0.0	0.0	0.0	27.5	1171.4
CRLN.2	78.6	76.2	795.7	27.4	68.2	26.8	6.1	474.5	105.8	1659.3
CRLN.3T	76.6	103.1	599.0	27.4	54.3	20.1	0.0	449.0	91.5	1421.0
CRLN.4	0	0	0	0	0	0	0	0	0	0
CRLN.5	0.0	0.0	98.5	0.0	12.2	0.0	0.0	12.0	0.0	122.7

Total Tons/day Crossing Carlin Spur and Connector: 6,271.7

Designation of Segments for Rail Spur 8 Mainline Connector

- CRLN.1: UP mainline beginning at the Utah border near West Wendover to the center of Wells.
- CRLN.2: UP mainline from center of Wells to center of Halleck.
- CRLN.3: UP mainline from center of Halleck to center of Elko.
- CRLN.4: UP mainline from center of Elko to center of Carlin.
- CRLN.5: UP mainline from center of Carlin to junction with proposed rail spur 8.

END

**DATE
FILMED**

9 / 2 / 92