Appendix I
Data Collection Letters and Forms

November 30, 2001

Mr. or Mrs.
Town or City of
Address
City, State, Zip Code

Re: Maricopa Association of Governments Southwest Area Transportation Study

Dear Agency:

The Maricopa Association of Governments (MAG) Southwest Area Transportation Study is under way. Kimley-Horn and Associates, Inc. has the task of collecting information on all transportation elements in the southwest valley area for the study. We would appreciate your assistance in identifying existing and currently on-going studies, documents and information pertinent to the preparation of the MAG Southwest Area Transportation Study. The attached data collection sheet summarizes the type of documents and information we are looking to obtain from your agency. It would also be greatly appreciated if you could provide us with a copy of any documents identified by your agency.

The following documents have already been identified for the MAG Southwest Area Transportation Study. We know that this is only a partial list and are asking for your assistance by:

- making us aware of OTHER documents that would be of value and-
- providing complete information on the documents below.

Town of Buckeye

Sundance

Rosten Buckeye

Catapillar CMP

General Plan

City of Avondale

General Plan

City of Goodyear

General Plan Update

Estrella Mountain Vista CMP

ADOT

SR 85 Design Concept Report

High Capacity Corridor Study

I-10 Profile Study

RPTA

I-10 Railroad Corridor Study

MCDOT

McDowell Road Corridor Study

Maricopa County

White Tanks Land Use Plan

Rainbow Valley Area Plan

Other County Area Plan

Tonopah Area Plan

All Agencies

5 year CIP

Traffic Count Information

Circulation General Plan

Please return the completed data collection check sheet by December 7, 2001. For questions regarding the check sheet please call Charles Wright at 602-944-5500. Thank you in advance for your help and time.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

Charles R. Wright

Charles Wright, P.E.

Vice President

Mhg/mhg

Enclosures: Data Collection Check Sheet

Wilbur Smith Associates
ENGINEERS PLANNERS ECONOMISTS

Data Collection Check Sheet

Jurisdiction _____

1. Title of Document _____

2. Type of Study

(a) Land Use: Land Use Plan ☐ General Plan ☐
Development Master Plan (Community Master Plan) ☐

(b) Transportation: Traffic Analysis ☐ Corridor Study ☐
Vehicular Circulation Plan ☐ Traffic Counts ☐
Street Classification Map ☐
Transportation Demand Management ☐
Capital Improvement Program ☐

(c) Transit: Local Bus System ☐ Rail Facilities ☐
Dial-A-Ride ☐ HOV/Carpool ☐

(d) Peds: Trails Plan ☐

(e) Bikes: Non-Vehicular Circulation Plan ☐

(f) Other: _____

3. Author of the study _____

4. Completion date of the study _____

5. Name of the sponsoring agency or group for the study _____

6. Contact person _____ Phone number _____

7. Comments _____

December 20, 2001

Mr. or Mrs.
Town or City of
Address
City, State, Zip Code

Re: Maricopa Association of Governments Southwest Area Transportation Study

Dear Agency:

Subsequent to our November 30 request for data for use in the Maricopa Association of Governments (MAG) Southwest Area Transportation Study, we have compiled a more extensive list of identified projects within your jurisdiction. A copy of the listing is attached. If possible, could you incorporate any available data relating to these specific projects into your response for data and documents.

Please return the completed data collection check sheet as soon as possible. For questions regarding the check sheet please call Charles Wright at 602-944-5500. Thank you in advance for your help and time.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

Charles R. Wright

Charles Wright, P.E.
Vice President

Mhg/mhg

Enclosure: Project List

Appendix II
Census Data

1990 Field Definitions

Field	Definition
PERSONS	Persons
HOUSHOLD	Households
AGEGE_16	Persons 16 years and over
AGEGE_25	Persons 25 years and over
ELEMSCND	Elementary and High School Students
NODIPLOM	No High School Diploma
HIGHSCHL	High School Graduates
SOMECOLG	Attended College
COLGGRAD	College Graduates
GRADSCHL	Attended Graduate School
CHILDPOV	Children in Poverty
INPOVRTY	Persons in Poverty
NOVEHICL	No Vehicles in Household
HHI95_10K	Household Income in 1995 < 10,000
HHI95_10_15	Household Income in 1995 10,000-15,000
HHI95_15_30	Household Income in 1995 15,000 -30,000
HHI95_30_4	Household Income in 1995 30,000 - 40,000
HHI95_40_6	Household Income in 1995 40,000-60,000
HHI95_OVER	Household Income in 1995 > 60,000
NOT_REPD	Not Reported
OCCUPIED_H	Occupied Housing Units
DIPLOMA_LW	Educational Attainment - High School or Less
HHI95_LT15	Household Income in 1995 < 15,000
NUM_HH95	Households in 1995
DIS_NUM2	Disability
MOB_DIS2	Mobility Disability

1990 Census Data

TRACT	PERSONS	HOUSHOLD	AGEGE_16	AGEGE_25	ELEMSCND	NODIPLOM	HIGHSCHL	SOMECOLG	COLGGRAD	GRADSCHL	CHILDPOV	INPOVRTY	NOVEHICL	HHI95_10K
0506	7740	2465	5483	4556	1817	1596	1426	1064	369	98	607	1584	83	190
0507	4585	1533	3125	2555	1012	947	840	557	128	68	541	1247	149	326
061002	3307	1279	2655	2348	608	119	347	879	635	267	34	121	0	14
061003	973	303	658	519	180	106	112	208	66	0	113	218	61	25
061004	1290	320	987	686	250	127	230	242	109	49	37	90	0	14
061005	2949	344	2632	2107	483	706	530	739	82	25	105	336	6	53
061006	5005	1580	3580	2813	1089	572	727	981	331	121	292	692	30	79
0611	4371	983	2881	1813	722	82	473	985	212	53	180	353	35	11
0612	5575	1766	3718	2866	1377	997	771	829	118	83	867	1634	303	238
0613	2047	697	1393	1128	311	212	509	247	139	61	147	288	73	39
0614	5102	1541	3349	2525	1202	1454	668	329	61	41	966	2012	330	277
082002	3960	1438	2817	2458	760	161	617	1161	346	171	110	251	53	46
082003	5654	1700	3722	3012	1288	553	1109	1120	194	67	213	472	65	72
082004	6493	2001	4393	3474	1556	593	1092	1625	124	63	109	359	39	44
082005	3818	1219	2655	2265	791	210	579	1010	397	116	70	139	0	22
082006	2324	700	1611	1335	455	192	311	473	191	66	47	178	0	36
0821	4422	1215	2986	2335	1050	1121	600	527	41	31	369	801	172	137
082201	3541	937	2399	1894	880	990	346	518	79	6	275	718	89	101
082202	2808	724	1907	1430	676	1008	246	149	0	45	296	654	38	154
1090	9821	4163	7357	5226	1610	1126	1429	1944	479	224	758	2390	501	676
1091	6252	2389	4739	3917	958	1040	1338	1292	251	47	691	1465	252	247
1092	3196	1360	2485	1794	436	496	441	681	143	37	318	790	313	122
1093	3450	1068	2492	2041	745	770	729	513	41	24	236	544	9	103
1094	6008	2310	4696	3867	1012	992	1283	1292	210	75	243	684	347	220
1095	3719	1232	2879	2410	681	317	885	873	213	127	69	183	45	30
109601	8215	2472	5313	4331	2113	660	1305	1934	289	93	203	556	73	74
109602	7883	2474	5348	4099	1624	1198	1253	1449	134	70	698	1260	159	212
109701	6571	2416	4539	3361	1136	665	1095	1234	343	39	337	768	221	207
109702	7795	2276	5378	4349	1832	1134	1566	1364	232	67	408	886	37	124
1098	7184	2172	5127	4045	1509	1300	1318	1215	184	55	376	929	32	123
1099	4955	1565	3607	2871	1121	845	895	914	107	103	279	640	69	96
1100	6675	2053	4766	3808	1360	1075	1432	1039	126	88	529	1182	152	171
1101	5019	1656	3620	2766	885	1024	866	814	77	82	522	1075	200	219
1102	372	191	327	303	7	117	115	49	0	0	29	96	59	51
1103	6130	2643	4851	3881	760	870	1137	1298	498	152	273	905	474	302
1120	1818	757	1451	1278	248	251	339	410	205	89	77	195	74	78
1121	3363	954	2268	1725	789	922	426	318	30	18	309	762	104	142
1122	7206	2369	5153	4207	1495	1978	1185	846	104	51	636	1468	348	278
1123	9567	3155	6627	5089	2098	2133	1307	1489	115	64	792	1892	386	595
1124	8484	2590	5944	4650	1827	1470	1539	1425	219	51	557	1092	247	169
112502	7003	2118	4725	3546	1689	862	1277	1250	120	67	498	1037	89	163
112503	6367	1856	4128	3330	1594	967	1094	1125	150	7	179	459	61	127
112505	4516	1585	3094	2375	900	598	890	748	128	37	322	600	80	139
112506	6617	2483	4752	3565	1052	847	1274	1268	165	68	417	1045	217	145
1126	7653	2687	5352	4194	1632	2030	1306	772	98	49	917	2014	445	416
1127	6203	1679	4008	3024	1550	2054	573	396	43	7	921	1891	221	304
1128	711	253	496	391	222	222	99	16	0	0	228	395	102	83
1144	3845	1176	2527	1994	933	1340	293	297	20	19	692	1439	304	175
1145	4902	1348	3164	2319	1170	1534	524	299	22	20	1030	2020	288	510
1146	1199	321	781	610	316	361	92	77	0	0	242	427	21	50
1147	4786	825	3487	2408	1023	1231	529	607	85	33	854	1608	230	109
1155	3607	899	2402	1816	1016	1192	293	250	19	17	373	784	26	79
1156	2223	557	1404	1032	603	378	278	249	34	26	294	535	64	83
116601	7295	2252	5146	4206	1368	1372	1349	1174	218	139	539	1284	49	115
116705	58	20	44	38	0	0	0	21	14	10	0	0	0	
116714	6235	2276	4576	4178	951	106	514	1483	1437	675	45	141	7	47
7233	5300	1638	3599	2916	1157	1337	617	672	133	79	559	1254	166	254
Total	**278167**	**88983**	**195603**	**154079**	**57929**	**48560**	**44418**	**46740**	**10308**	**4240**	**21828**	**48842**	**7998**	**8916**

1990 Census Data

TRACT	HHI95_10_15	HHI95_15_30	HHI95_30_4	HHI95_40_6	HHI95_OVER	NOT_REPD	OCCUPIED_H	DIPLOMA_LW	HHI95_LT15	NUM_HH95	DIS_NUM2	MOB_DIS2
0506	170	342	212	326	253	1216	2465	3022	360	2709	622	135
0507	185	299	130	114	58	604	1533	1787	511	1716	459	129
061002	17	81	89	204	363	672	1279	466	31	1440	252	74
061003	16	63	55	166	145	193	303	218	41	663	25	0
061004	13	36	41	100	52	113	320	357	27	369	84	19
061005	56	111	83	129	122	233	344	1236	109	787	129	30
061006	135	412	246	293	289	662	1580	1299	214	2116	312	45
0611	21	209	142	96	28	304	983	555	32	811	49	17
0612	152	342	146	146	55	718	1766	1768	390	1797	543	169
0613	51	144	88	79	52	256	697	721	90	709	147	34
0614	154	219	76	61	21	744	1541	2122	431	1552	781	262
082002	70	284	263	404	225	359	1438	778	116	1651	219	20
082003	98	391	318	418	145	534	1700	1662	170	1976	381	111
082004	94	329	323	395	149	731	2001	1685	138	2065	425	113
082005	25	126	209	517	696	697	1219	789	47	2292	224	75
082006	23	103	172	288	190	609	700	503	59	1421	148	48
0821	92	174	92	122	60	599	1215	1721	229	1276	539	168
082201	83	163	61	91	50	505	937	1336	184	1054	466	127
082202	93	154	48	51	21	277	724	1254	247	798	321	75
1090	606	830	295	262	110	1825	4163	2555	1282	4604	947	267
1091	187	363	201	174	60	1251	2389	2378	434	2483	672	185
1092	112	229	88	91	34	799	1360	937	234	1475	480	160
1093	102	294	149	120	30	318	1068	1499	205	1116	366	115
1094	205	397	219	214	63	1106	2310	2275	425	2424	893	287
1095	48	187	153	233	121	499	1232	1202	78	1271	361	75
109601	91	404	299	378	135	1161	2472	1965	165	2542	459	144
109602	190	548	336	293	82	1036	2474	2451	402	2697	842	154
109701	250	635	326	311	95	916	2416	1760	457	2740	572	116
109702	128	393	221	250	99	1103	2276	2700	252	2318	666	170
1098	160	420	205	251	80	978	2172	2618	283	2217	664	233
1099	129	347	186	192	44	675	1565	1740	225	1669	485	82
1100	197	412	217	209	74	932	2053	2507	368	2212	927	311
1101	213	406	153	180	89	596	1656	1890	432	1856	656	156
1102	30	35	13	8	0	33	191	232	81	170	117	29
1103	297	494	264	241	149	817	2643	2007	599	2564	765	256
1120	67	140	79	86	75	204	757	590	145	729	191	54
1121	123	156	54	39	16	445	954	1348	265	975	315	96
1122	306	472	165	147	46	1048	2369	3163	584	2462	966	403
1123	363	509	238	224	98	1768	3155	3440	958	3795	1013	230
1124	249	558	321	306	126	992	2590	3009	418	2721	897	143
112502	181	454	243	254	90	740	2118	2139	344	2125	574	169
112503	133	428	306	263	86	627	1856	2061	260	1970	499	113
112505	128	290	181	134	40	516	1585	1488	267	1428	280	66
112506	250	597	288	290	71	1184	2483	2121	395	2825	545	130
1126	227	343	108	92	29	1494	2687	3336	643	2709	1036	310
1127	258	307	93	61	19	811	1679	2627	562	1853	658	240
1128	52	50	7	6	0	116	253	321	135	314	139	54
1144	114	101	32	39	11	659	1176	1633	289	1131	449	111
1145	150	157	40	25	12	398	1348	2058	660	1292	451	161
1146	40	53	11	12	1	236	321	453	90	403	148	94
1147	62	78	29	14	8	493	825	1760	171	793	458	43
1155	77	132	52	39	19	530	899	1485	156	928	413	116
1156	70	125	34	36	15	233	557	656	153	596	193	71
116601	102	265	167	256	192	1155	2252	2721	217	2252	787	238
116705							20	0			10	0
116714	39	234	368	1737	4684	2495	2276	620	86	9604	172	38
7233	171	266	129	215	205	630	1638	1954	425	1870	513	138
Total	**7655**	**16091**	**9064**	**11682**	**10082**	**40845**	**88983**	**92978**	**16571**	**104335**	**26705**	**7409**

2000 Field Definitions

Field	Definition
TOTAL_POP	Persons
WH_NOTHISP	Non Hispanic White
TOTAL_HH	Households
FHH_SING	Female Headed Households, No Husband Present (2 or more person households)
FHH_KIDS	Female Headed Households, With Children Under 18 (2 or more person households)
POP_60_OVE	Persons Over 60 Years of Age
WHITE_POP	White
BLACK_POP	Black
AM_IND_POP	American Indian or Alaska Native
ASIAN_POP	Asian
HI_PI_POP	Native Hawaiian, Pacific Islander
OTHER_POP	Other Race
MULTI_POP	Two or More Races
HISP_ORIGI	Hispanic Origin
MINORITY_P	Minority Population
F_15_24	Females 15-24 Years Of Age

2000 Census Data

TRACT	TOTAL_POP	WH_NOTHISP	TOTAL_HH	FHH_SING	FHH_KIDS	POP_60_OVE	WHITE_POP	BLACK_POP	AM_IND_POP	ASIAN_POP	HI_PI_POP	OTHER_POP	MULTI_POP	HISP_ORIGI	MINORITY_P	F_15_24
50601	6993	4639	1616	136	81	644	5472	352	148	16	10	821	174	1785	2354	321
50602	4838	3451	1545	126	70	598	3942	64	68	16	11	570	167	1176	1387	286
50603	2196	1379	729	46	26	306	1640	41	40	3	0	417	55	712	817	133
50700	5726	2780	1854	316	213	697	3844	174	99	24	1	1433	151	2646	2946	420
61002	4104	3579	1606	112	65	1073	3742	73	15	119	8	76	71	271	525	184
61003	10395	6963	3465	242	168	641	7997	566	93	337	22	1029	351	2203	3432	553
61004	4309	3010	1311	114	82	280	3468	197	22	30	1	445	146	979	1299	298
61005	6458	4641	1955	45	20	1945	5135	465	120	37	5	579	117	1177	1817	288
61006	8067	5439	2749	234	146	852	6475	183	83	157	16	901	252	2065	2628	582
61009	96	73	31	3	1	19	80	0	0	4	0	11	1	22	23	5
61100	3851	2532	860	46	45	9	2794	550	25	106	17	175	184	507	1319	318
61200	6021	2049	1838	358	247	587	3397	294	123	41	15	1899	252	3520	3972	492
61300	2011	1016	667	109	69	209	1364	29	20	22	4	486	86	886	995	168
61400	5995	1080	1636	350	214	559	3089	284	120	26	7	2245	224	4529	4915	468
82002	5256	3546	1804	271	190	386	3998	331	40	97	10	611	169	1175	1710	397
82007	4100	1891	1226	212	133	226	2581	248	64	44	2	1019	142	1823	2209	312
82008	5049	1839	1447	208	134	249	2596	405	88	102	6	1645	207	2564	3210	359
82009	4250	1688	1174	177	124	208	2317	342	47	49	4	1331	160	2096	2562	322
82010	3880	1541	1098	180	125	233	2247	365	76	79	13	919	181	1743	2339	333
82011	7957	2934	2282	291	201	331	4231	898	138	278	13	1962	437	3554	5023	552
82012	3301	1834	1021	121	91	108	2165	173	23	73	6	706	155	1152	1467	322
82013	9004	5928	2814	231	133	608	6632	664	51	346	13	936	362	1799	3076	627
82014	3695	2185	1275	102	55	225	2697	213	28	113	0	518	126	1108	1510	217
82015	9	0	2	0	0	0	0	0	0	0	0	9	0	9	9	0
82100	4963	945	1429	284	135	695	2597	71	61	21	8	2020	185	3869	4018	401
82201	4190	1599	1079	129	68	401	2577	29	66	14	3	1319	182	2479	2591	320
82202	3217	404	782	122	50	366	1261	22	45	3	1	1805	80	2763	2813	235
109000	15652	3684	4983	927	689	760	7202	1189	1399	410	33	4596	823	8767	11968	1485
109100	9085	2593	2526	386	233	885	4618	304	167	352	28	3158	458	5504	6492	713
109200	4724	1153	1565	237	168	311	2112	299	131	137	6	1769	270	2953	3571	455
109300	4707	1196	1122	205	106	455	2757	188	89	54	3	1374	242	3153	3511	396
109400	7814	2818	2456	407	251	1145	4849	488	201	105	9	1812	350	4092	4996	677
109500	4496	2108	1333	176	87	717	2947	374	102	82	3	835	153	1769	2388	358
109601	5144	1785	1372	258	187	228	2706	422	41	78	6	1643	248	2728	3359	447
109602	6050	1696	1637	423	308	313	3337	615	172	79	11	1562	274	3462	4354	560
109603	4558	1615	1218	186	129	263	2386	382	81	91	5	1375	238	2333	2943	363
109604	4047	1534	1078	218	134	363	2600	253	40	44	1	973	136	2166	2513	321
109701	6918	1614	2179	569	448	271	3832	792	185	120	16	1700	273	4191	5304	688
109702	4989	1720	1276	202	121	486	2749	272	73	48	7	1634	206	2822	3269	350
109703	2531	609	775	124	89	112	1237	185	50	39	10	863	147	1629	1922	235
109704	2307	762	591	91	51	250	1443	116	34	17	4	587	106	1363	1545	167
109705	1842	591	489	90	55	133	1048	178	17	42	1	479	77	996	1251	157
109801	3880	962	1004	217	149	281	1894	326	74	38	3	1346	199	2468	2918	316
109802	4543	1401	1167	194	100	490	2384	239	62	68	3	1606	181	2756	3142	330
109900	6434	1854	1696	329	204	660	4052	340	99	119	12	1582	230	4001	4580	521
110001	4329	1041	1023	167	99	454	1923	177	73	44	5	1938	169	2979	3288	364
110002	4494	1108	1199	176	102	414	2070	140	67	25	5	1957	230	3125	3386	371
110100	7592	1067	1893	319	209	524	3150	200	177	159	9	3617	280	6000	6525	630
110200	469	170	181	11	6	52	274	8	7	0	0	159	21	272	299	35
110300	8170	2421	2770	411	259	805	4868	408	349	328	8	1843	366	4613	5749	639
112000	1856	1053	766	78	41	371	1416	45	29	13	0	299	54	707	803	85
112100	4204	488	958	184	115	293	2484	50	63	15	12	1421	159	3589	3716	368
112201	4734	507	1102	213	107	465	2568	119	70	11	4	1757	205	4061	4227	391
112202	4617	866	1410	167	81	804	2828	148	50	85	6	1344	156	3482	3751	326
112301	5961	547	1707	256	166	463	2030	250	78	47	4	3281	271	5031	5414	545
112302	7744	1243	2103	440	303	555	2622	747	166	193	14	3623	379	5321	6501	701
112401	5729	1078	1507	233	151	421	2247	365	117	112	0	2691	197	4070	4651	504
112402	5210	857	1255	206	128	331	2276	345	65	44	10	2250	220	3892	4353	450
112502	5325	1120	1263	233	149	290	2222	376	127	54	23	2266	257	3628	4205	427
112503	7892	2129	2012	357	243	430	3764	452	132	88	12	3101	343	5068	5763	625
112504	3494	625	984	199	156	117	1555	339	58	32	11	1309	190	2395	2869	361
112505	6867	1406	1976	326	242	238	3643	412	136	39	5	2326	306	4870	5461	665
112506	5281	1491	1748	286	198	347	2743	358	119	54	11	1681	315	3223	3790	523

2000 Census Data

TRACT	TOTAL_POP	WH_NOTHISP	TOTAL_HH	FHH_SING	FHH_KIDS	POP_60_OVE	WHITE_POP	BLACK_POP	AM_IND_POP	ASIAN_POP	HI_PI_POP	OTHER_POP	MULTI_POP	HISP_ORIGI	MINORITY_P	F_15_24
112507	2699	288	735	195	161	33	1024	314	48	14	10	1147	142	2029	2411	297
112508	2074	887	672	87	56	352	1298	97	35	25	0	547	72	1033	1187	138
112601	3147	384	951	192	127	314	1352	182	54	14	3	1406	136	2527	2763	320
112602	7382	1005	1899	313	206	554	3748	62	139	9	7	3127	290	6137	6377	618
112700	7826	531	1782	314	211	491	2431	137	133	28	2	4859	236	7043	7295	674
112800	1030	261	319	49	34	70	769	8	24	2	0	166	61	732	769	84
114401	2152	179	588	115	59	234	738	384	37	13	0	885	95	1577	1973	171
114402	2381	255	587	109	58	188	1092	151	59	23	3	924	129	1911	2126	202
114500	6203	1041	1295	242	160	338	2283	247	107	26	0	3363	177	4828	5162	453
114600	2109	193	457	69	48	137	749	32	44	10	5	1179	90	1855	1916	194
114701	947	79	225	51	32	78	267	24	5	0	0	594	57	853	868	86
114702	862	30	228	149	136	42	215	55	32	0	0	540	20	748	832	78
114703	6838	2915	347	52	28	149	3328	624	289	23	1	2486	87	2997	3923	407
115500	3979	831	959	181	77	362	2420	195	79	25	3	1114	143	2954	3148	335
115600	2672	82	630	179	97	224	949	1050	47	13	0	543	70	1558	2590	250
116601	5788	2819	1805	193	87	778	4085	140	130	42	10	1194	187	2637	2969	391
116705	3235	1509	1025	158	81	376	2165	154	69	31	9	691	116	1449	1726	210
116726	2908	2347	990	50	36	109	2504	127	19	145	0	35	78	211	561	102
723301	2911	2361	1023	43	31	294	2564	98	18	40	4	91	96	324	550	144
723302	5417	2620	1697	193	124	613	3202	89	558	8	4	1362	194	2093	2797	404
Total	**396180**	**138494**	**111833**	**17000**	**10999**	**33688**	**224357**	**23104**	**8529**	**5914**	**557**	**117897**	**15822**	**217587**	**257686**	**31020**

Appendix III
SWATS Survey

MAG RTP SOUTHWEST AREA TRANSPORTATION STUDY

Survey Date:_____

(Please Print.)

Issue	Very Important	Important	Not Important
Add'l I-10 interchanges needed	5	3	1
Rate the locations:			
Bullard Avenue	5	3	1
Citrus Road	5	3	1
Perryville Road	5	3	1
Rainbow Road	5	3	1
Airport Road	5	3	1
Watson Road	5	3	1
Other: _____	5	3	1
Improvement to I-10 interchanges	5	3	1
Rate the locations:			
91st Avenue	5	3	1
115th Avenue	5	3	1
Dysart Road	5	3	1
Litchfield Road	5	3	1
Cotton Lane	5	3	1
Jackrabbit Trail	5	3	1
Miller Road	5	3	1
Sun Valley Parkway	5	3	1
Other: _____	5	3	1

I-10 capacity improvements	5	3	1
(*provide*) between _____and_____			
HOV Lanes on I-10:			
west of Dysart Road	5	3	1
west of Jackrabbit Trail	5	3	1
Loop 303 Improvements	5	3	1
Loop 303 south to I-8	5	3	1
Loop 303 connection to SR85	5	3	1
Identify truck routes	5	3	1
Goods movement	5	3	1
ID major arterial routes	5	3	1
Rate the locations:			
North-South:_____	5	3	1
East-West:_____	5	3	1
New grade separations for vehicles and/or pedestrians needed	5	3	1
Rate the locations:			
Cotton Lane/MC85	5	3	1
Cotton Lane/Estrella Parkway	5	3	1
Other:_____	5	3	1
Other:_____	5	3	1
Other:_____	5	3	1
Luke Air Force Base and surrounding area (land use, employment, housing)	5	3	1
Rate the existing major river crossing locations for handling ***current*** traffic volumes:			
115TH Avenue	5	3	1
Bullard Avenue Bridge	5	3	1
Estrella Parkway Bridge	5	3	1
Tuthill /Jackrabbit Road Bridge	5	3	1

Rate the existing major river crossing locations for handling ***future*** traffic volumes:			
115TH Avenue	5	3	1
Bullard Avenue Bridge	5	3	1
Estrella Parkway Bridge	5	3	1
Tuthill /Jackrabbit Road Bridge	5	3	1
Rate the need for additional major river crossings – *give locations*:	5	3	1
_____	5	3	1
_____	5	3	1
Rate the need for new railroad crossings/separations – *give locations*	5	3	1
_____	5	3	1
_____	5	3	1
Rate the need for upgraded railroad crossings/separations – *give locations*	5	3	1
_____	5	3	1
_____	5	3	1
Current transit service needs	5	3	1
Future transit service needs	5	3	1
Identify bus and rail corridors	5	3	1
Identify bus pullout locations for future developments	5	3	1
Neighborhood circulators	5	3	1
Shuttles to business centers	5	3	1
Expansion of Dial-a-ride services	5	3	1
Park-n-Ride for BRT/Express Bus	5	3	1
Use of existing UPRR rail (Arlington to Phoenix)	5	3	1
Use of new transit technologies for vehicles (beyond buses and trains)	5	3	1
Light Rail	5	3	1
Commuter Rail	5	3	1
Rural Transit	5	3	1

Preserving/dedicating ROW for future corridors	5	3	1
Funding I-10 improvements	5	3	1
Funding Loop 303 improvements	5	3	1
Funding studies & changes of policies	5	3	1
Funding Transit expansion in SW valley	5	3	1
Elderly mobility enhancements	5	3	1
Common noise policy/ordinance	5	3	1
Common policy for developers' responsibilities	5	3	1
Common policy for access control	5	3	1
Improving aesthetics/landscaping on major corridors	5	3	1
Providing non-motorized access and facilities (continuity)	5	3	1
Policies/plans for pedestrian facilities like crosswalks and signals	5	3	1
Provide bike lanes at .5 to 1. mile grid spacing	5	3	1
Provide good bike routes on low volume streets or wide curb lanes	5	3	1
Dedicated lane for street legal vehicle (golf cart type urban electric vehicle)	5	3	1

What character of development is expected (industrial, commercial, residential [retirement, families, seasonal, resort])?

What suggestions do you have for addressing the problems or impacts of those expected or anticipated transportation problems?

What planning studies are available for your area/community? Please provide the title and date of each study, and a copy if available.

Appendix IV
SWATS Public Information Flyer

Wilbur Smith Associates
ENGINEERS
PLANNERS
ECONOMISTS

WHAT'S NEXT

Wilbur Smith Associates, as the lead consultant, is currently gathering data and information as part of Phase 1 of this project. Public events will be periodically scheduled to review findings and receive feedback from the public and stakeholders. Please keep checking our Web site for updates.

PROJECT WEBSITE

All documents will be posted on the project Web site, which will be accessible through the MAG Web site www.mag.maricopa.gov, (under "Transportation", under "Regional Transportation Plan (RTP)"). The Web site will contain project materials including the scope of work, contact information, mailing list, sign-up information, newsletters, meeting agenda packages and draft project documents as they become available. An on-line survey will be available for interested persons to complete and return.

If you have any questions or comments, please contact:

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Phoenix, Arizona 85003

SOUTHWEST AREA TRANSPORTATION STUDY

SR 85 North of Gila Bend

MARICOPA ASSOCIATION of GOVERNMENTS

Tri-Fold (Front)

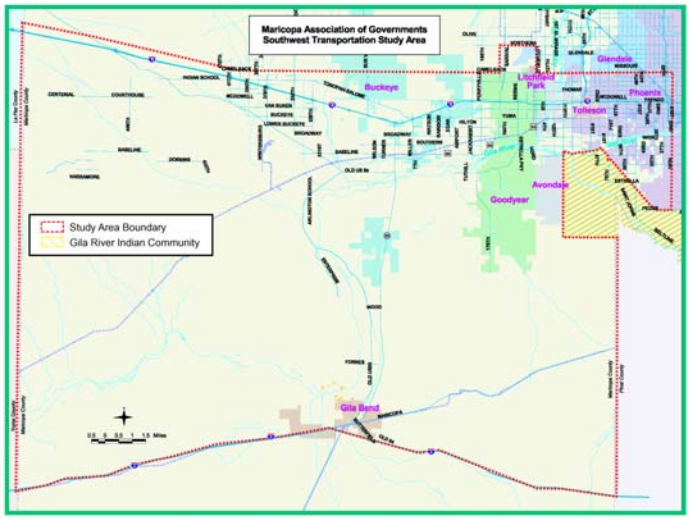
Wilbur Smith Associates
ENGINEERS
PLANNERS
ECONOMISTS

STUDY PURPOSE

The Maricopa Association of Governments (MAG) addresses regional planning issues faced by the cities, towns, Indian communities, and the county in the Maricopa Region. MAG is in the process of developing a new Regional Transportation Plan (RTP), for which background area studies are being conducted. One such study is the Southwest Area Transportation Study (SWATS). This newsletter is a first of a series designed to highlight key issues and possible solutions for transportation needs in the Southwest Valley.

The SWAT Study area is presented on the map, and generally includes the jurisdictions of Avondale, Buckeye, Gila Bend, Goodyear, Litchfield Park, Phoenix (Southwest), Tolleson, and unincorporated portions of Maricopa County. The study will also be closely coordinated with the Gila River Indian Community. Within this area, the study will identify potential multi-modal (roadways, transit, bicycle, pedestrian) transportation projects to address specific transportation-related conditions and concerns in this area. The identified needs and supporting background information from the study will help guide regional and local transportation planning in the future. The study is scheduled to be complete by the end of 2002.

STUDY AREA



STUDY PHASES

There are three major phases to the project:

1. Review existing conditions, look at the trends, and identify key transportation-related issues.
2. Develop and evaluate transportation improvements and investment options to address the issues and needs that we identified in Phase 1.
3. Develop multi-modal packages of investments that best meet the needs of the Southwest area, based on analysis of the options and considering consultation results.

Public and stakeholder consultation will be a critical ongoing element of the area study. To be a part of the ongoing efforts, call Wilbur Smith Associates at (480)775-4344, email us through the project Web site or fill out the online form and mail it to us.

Tri-Fold (Back)

Appendix V
Data Tables for Bar Charts in Chapter 5

The data presented in the following tables were used to develop the bar chart figures with the same number in Chapter 5. For example, the data shown in Table 5A-1 were used to develop Figure 5-1.

Table 5A-1
Centerline Miles

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
Freeway	108	128	128	218	218
Expressway	21	43	50	90	90
Arterial	865	1,119	1,109	1,057	1,057
Collector	27	20	22	22	22
Total	**1,021**	**1,310**	**1,309**	**1,387**	**1,387**

Table 5A-2
Lane Miles

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
Freeway	585	634	935	1,999	1,869
Expressway	54	184	276	526	526
Arterial	2,204	4,658	4,608	4,423	4,432
Collector	69	74	84	84	84
Total	**2,913**	**5,550**	**5,903**	**7,032**	**6,912**

Table 5A-3
Capacity Miles

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
Freeway	12,293,610	13,307,910	19,717,530	41,510,490	39,252,780
Expressway	1,129,800	3,854,760	5,794,320	10,069,080	11,053,140
Arterial	17,632,320	37,265,600	36,864,480	35,235,520	35,457,440
Collector	554,880	592,800	672,800	672,800	672,800
Total	**31,610,610**	**55,021,070**	**63,049,130**	**87,487,890**	**86,436,160**

Table 5A-4
Weekday Vehicle Miles of Travel in Year 2020

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
Freeway	7,151,995	12,137,227	15,480,049	27,957,531	28,260,396
Expressway	388,532	2,663,287	2,854,555	3,106,447	3,598,702
Arterial	6,870,346	22,435,342	19,190,450	12,290,813	12,520,980
Collector	86,303	350,646	302,706	224,848	256,971
Total	**14,497,175**	**37,586,502**	**37,827,759**	**43,579,639**	**44,637,050**

Table 5A-5
Weekday Vehicle Miles of Travel in Year 2030

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2030**	**2030**	**2030**	**2030**
Freeway	7,151,995	14,856,310	18,446,314	39,035,412	38,816,583
Expressway	388,532	3,038,593	3,890,479	5,646,793	5,603,736
Arterial	6,870,346	34,870,689	30,748,799	20,910,225	21,245,244
Collector	86,303	452,913	458,313	337,952	359,209
Total	**14,497,175**	**53,218,505**	**53,543,906**	**65,930,382**	**66,024,772**

Table 5A-6
Peak Hour Vehicle Miles of Travel in Year 2020

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
Freeway	337,282	616,052	798,620	1,441,343	1,450,840
Expressway	22,013	113,879	106,401	114,382	127,615
Arterial	400,007	1,276,556	1,131,467	768,189	781,498
Collector	6,106	19,024	17,366	15,100	15,075
Total	**765,409**	**2,025,510**	**2,053,855**	**2,339,014**	**2,375,027**

Table 5A-7
Peak Hour Vehicle Miles of Travel in Year 2030

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2030**	**2030**	**2030**	**2030**
Freeway	337,282	708,938	1,013,414	2,022,321	2,014,484
Expressway	22,013	140,093	162,693	240,572	236,049
Arterial	400,007	2,039,333	1,841,064	1,264,034	1,279,598
Collector	6,106	25,425	24,876	20,980	21,376
Total	**765,409**	**2,913,789**	**3,042,047**	**3,547,906**	**3,551,506**

Table 5A-8
Weekday Vehicle Miles of Truck Travel in Year 2020

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
Freeway	1,951,141	3,182,836	4,065,007	7,107,940	7,160,477
Expressway	102,628	961,038	1,038,715	1,152,828	1,328,326
Arterial	1,692,490	5,160,140	4,234,261	2,461,570	2,530,692
Collector	17,810	81,358	71,873	47,606	54,609
Total	**3,764,070**	**9,385,372**	**9,409,857**	**10,769,944**	**11,074,104**

Table 5A-9
Weekday Vehicle Miles of Truck Travel in Year 2030

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2030**	**2030**	**2030**	**2030**
Freeway	1,951,141	3,974,190	5,299,251	9,572,807	9,462,723
Expressway	102,628	1,041,947	1,361,063	1,925,822	1,924,482
Arterial	1,692,490	7,849,686	6,581,317	4,454,160	4,541,169
Collector	17,810	112,593	112,542	79,408	83,001
Total	**3,764,070**	**12,978,416**	**13,354,174**	**16,032,197**	**16,011,375**

Table 5A-10
Peak Hour Vehicle Miles of Travel at LOS E or F in Year 2020

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
Freeway	34,943	204,265	114,791	33,226	59,715
Expressway	1,598	9,568	8,268	0	0
Arterial	52,198	347,440	204,723	63,617	73,395
Collector	212	1,829	2,511	941	1,325
Total	**88,951**	**563,103**	**330,293**	**97,784**	**134,436**

Table 5A-11
Percent of Peak Hour Vehicle Miles of Travel at LOS E or F in Year 2020

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
Freeway	10	33	14	2	4
Expressway	7	8	8	0	0
Arterial	13	27	18	8	9
Collector	3	10	14	6	9
Total	**12**	**28**	**16**	**4**	**6**

Table 5A-12
Peak Hour Vehicle Miles of Travel at LOS E or F in Year 2030

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2030**	**2030**	**2030**	**2030**
Freeway	34,943	361,608	373,306	377,519	343,402
Expressway	1,598	93,091	43,588	19,593	19,856
Arterial	52,198	1,086,570	836,456	229,658	230,420
Collector	212	10,019	6,030	2,001	2,237
Total	**88,951**	**1,551,288**	**1,259,379**	**628,772**	**595,915**

Table 5A-13
Percent of Peak Hour Vehicle Miles of Travel at LOS E or F in Year 2030

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2030**	**2030**	**2030**	**2030**
Freeway	10	51	37	19	17
Expressway	7	66	27	8	8
Arterial	13	53	45	18	18
Collector	3	39	24	10	10
Total	**12**	**53**	**41**	**18**	**17**

Table 5A-14
Directional Miles of Highway at LOS E or F in the Peak Hour - Year 2020

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
Freeway	6	48	20	6	11
Expressway	1	4	4	0	0
Arterial	68	201	119	37	41
Collector	0	2	2	1	1
Total	**75**	**255**	**145**	**44**	**53**

Table 5A-15
Percent of Directional Miles of Highway at LOS E or F in the Peak Hour - Year 2020

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
Freeway	3	19	8	1	3
Expressway	2	5	4	0	0
Arterial	4	9	5	2	2
Collector	1	5	4	3	2
Total	**4**	**10**	**6**	**2**	**2**

Table 5A-16
Directional Miles of Roadway at LOS E or F in the Peak Hour - Year 2030

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2030**	**2030**	**2030**	**2030**
Freeway	6	79	68	53	50
Expressway	1	52	19	8	8
Arterial	68	609	488	139	138
Collector	0	9	7	3	3
Total	**75**	**749**	**582**	**202**	**199**

Table 5A-17
Percent of Directional Miles of Roadway at LOS E or F in the Peak Hour - Year 2030

	Network				
Functional Class	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2030**	**2030**	**2030**	**2030**
Freeway	3	31	27	12	11
Expressway	2	60	19	4	4
Arterial	4	27	22	7	7
Collector	1	24	15	6	6
Total	**4**	**29**	**22**	**7**	**7**

Table 5A-18
Number of Intersections Operating at Level-of-Service E or F in the Peak Hour in Year 2020

	Network				
Subarea	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
East	22	107	90	48	55
Central	0	25	14	3	3
West	0	0	0	0	0
South	0	2	2	0	0
Total	22	134	106	51	58

Table 5A-19
Percent of Intersections Analyzed Operating at Level-of-Service E or F in the Peak Hour in Year 2020

	Network				
Subarea	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
East	12	47	39	20	23
Central	0	13	7	2	2
West	0	0	0	0	0
South	0	2	2	0	0
Total	5	21	16	8	9

Table 5A-20
Number of Intersections Operating at Level-of-Service E or F in the Peak Hour in Year 2030

	Network				
Subarea	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
East	22	157	144	97	95
Central	0	129	107	30	32
West	0	4	4	2	2
South	0	11	10	4	4
Total	22	301	265	133	133

Table 5A-21
Percent of Intersections Analyzed Operating at Level-of-Service E or F in the Peak Hour in Year 2030

	Network				
Subarea	**Current Base**	**Future Base**	**Enhanced**	**Option A**	**Option C**
	2002	**2020**	**2020**	**2020**	**2020**
East	12	69	62	41	40
Central	0	68	55	17	18
West	0	3	3	1	1
South	0	13	11	5	5
Total	5	47	40	21	21

Table 5A-22
Motor Vehicle Accidents Forecast for 2020

	Network								
	Current Base	Future Base		Enhanced		Option A		Option C	
Accident Type	**2002**	**2020**	**%Ch**	**2020**	**%Ch**	**2020**	**%Ch**	**2020**	**%Ch**
Freeway Fatal	22	33	50	38	73	53	141	51	132
Freeway Injury	1,418	2,298	62	2,644	86	3,781	167	3,649	157
Freeway PDO	3,480	5,668	63	6,521	87	9,340	168	9,012	159
Freeway Subtotal	**4,920**	**7,999**	63	**9,203**	87	**13,174**	168	**12,712**	158
Other Segment Fatal	74	148	100	142	92	121	64	123	66
Other Segment Injury	6,699	13,717	105	12,756	90	11,149	66	11,295	69
Other Segment PDO	13,361	27,406	105	25,534	91	22,328	67	22,639	69
Other Segment Subtotal	**20,134**	**41,271**	105	**38,432**	91	**33,598**	67	**34,057**	69
Intersection	15,219	23,083	52	22,869	50	20,737	36	20,838	37
Total	**40,273**	**72,353**	80	**70,504**	75	**67,509**	68	**67,607**	68

Note: %Ch is percent of change compared to 2002.

Table 5A-23
Motor Vehicle Accidents Forecast for 2030

	Network								
	Current Base	Future Base		Enhanced		Option A		Option C	
Accident Type	**2002**	**2030**	**%Ch**	**2030**	**%Ch**	**2030**	**%Ch**	**2030**	**%Ch**
Freeway Fatal	22	36	64	42	91	63	186	62	182
Freeway Injury	1,418	2,516	77	2,949	108	4,670	229	4,562	222
Freeway PDO	3,480	6,209	78	7,277	109	11,559	232	11,292	224
Freeway Subtotal	**4,920**	**8,761**	78	**10,268**	109	**16,292**	231	**15,916**	223
Other Segment Fatal	74	192	159	184	149	155	109	156	111
Other Segment Injury	6,699	17,972	168	16,709	149	14,299	113	14,380	115
Other Segment PDO	13,361	35,892	169	33,478	151	28,712	115	28,901	116
Other Segment Subtotal	**20,134**	**54,056**	168	**50,371**	150	**43,166**	114	**43,437**	116
Intersection	15,219	26,411	74	25,878	70	23,054	51	23,228	53
Total	**40,273**	**89,228**	122	**86,517**	115	**82,512**	105	**82,581**	105

Note: %Ch is percent of change compared to 2002.