



LETTER OF TRANSMITTAL

TOWN OF ADDISON

Public Works / Engineering

16801 Westgrove • P.O. Box 9010

Addison, Texas 75001

Telephone: (972) 450-2871 • Fax: (972) 450-2837

DATE	6-20-03	JOB NO.
ATTENTION		
RE:	Town of Addison	
	Signals Upgrade Project	

TO Melanie Young, P.E.
Tx DOT
Dallas District

GENTLEMAN:

- WE ARE SENDING YOU**
- Attached
 - Under separate cover via _____ the following items:
 - Shop Drawings
 - Prints
 - Plans
 - Samples
 - Specifications
 - Copy of letter
 - Change order
 - _____

COPIES	DATE	NO.	DESCRIPTION
1	6/03		Traffic Signal Warrant Analysis
1	6/20/03		Exhibit A - Estimate of Probable Cost

THESE ARE TRANSMITTED as checked below:

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19_____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS With this information you should be able to
complete the LPAFA

I have never received a signed copy of the MAFA

COPY TO Robin Jones

SIGNED: J. Rene

If enclosures are not as noted, please notify us at once.

EXHIBIT A. Addison Traffic Signal Upgrade Project - Estimate of Probable Cost

ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	INTERSECTION NUMBER															
			10	11	12	13	14	15	16	17	18							
1	CONDUIT (PVC) (SCH 40) (BORED) (3 IN)	LF	60															
2	CONDUIT (PVC) (SCH 40) (TRENCHED) (3 IN)	LF	40															
3	CONDUIT (RMC) (ATTACHED) (3 IN)	LF																
4	GROUND BOX TYPE A (122311) W/ APRON	EA	1															
5	GROUND BOX TYPE C (162911) W/ APRON	EA	1															
6	ELECTRIC SERV	EA																
7	FOUNDATION FOR TRAFFIC SIGNAL (36 IN DRILL SHAFT)	LF	10															
8	INSTALLATION OF HWY TRAFFIC SIGNAL (ISOLATED)	EA	1															
9	TRAFFIC SIGNAL CABLE (TYPE A) (20 COND) (14 AWG)	LF	200															
10	TRAFFIC SIGNAL CABLE (TYPE A) (7 COND) (16 AWG)	LF	100															
11	30' MONOPOLE	EA	1															
12	20' MONOPOLE	EA																
13	SALVAGE TRAFFIC SIGNALS	EA	1															
14	SPREAD SPECTRUM OMNI-DIRECTIONAL ANTENNA	EA	1															
15	SPREAD SPECTRUM DIRECTIONAL ANTENNA	EA	1															
16	SPREAD SPECTRUM RADIO UNIT	EA	2															
17	SPREAD SPECTRUM SOFTWARE	EA																
18	COAXIAL CABLE	LF	120															
19	PREP OF EXISTING CONDUIT	LF	210															
20	GROUND MOUNTED TS2 CONTROLLER CABINET	EA	1															
21	TRAFFIC SIGNAL CONTROLLER CABINET FOUNDATION	EA	1															
22	TS2 TRAFFIC SIGNAL CONTROLLER	EA	1															
23	TRAFFIC CONTROL SYSTEM SITE LICENSE	EA	1															
24	TRAFFIC CONTROL TMC HARDWARE	EA																
25	SYSTEM SUPPORT EQUIPMENT	LS																
26	S-SECTION LED HEAD W/ LOUVERS & MOUNTING BRACKETS (RT TURN)	EA																
27	S-SECTION LED HEAD W/ LOUVERS & MOUNTING BRACKETS (LT TURN)	EA	2															
28	10' POLE EXTENSION	EA																
29	15' POLE EXTENSION	EA																
30	MOBILIZATION	LS																
31	BARRICADES, SIGNS, TRAFFIC HANDLING	LS																
32	TRAFFIC SIGNAL TIMING (PER NCTCOG SFI AGREEMENT)	LS																
			\$ 28,096	\$ 17,838	\$ 15,169	\$ 15,918	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593	\$ 4,593

		10	11	12	13	14	15	16	17	18
	Commercial Dr. and Bell Line Rd.		Greenhill School Rd. and Spring Valley Rd.	Marsh Ln. and Airport Rd.	Marsh Ln. and Bell Line Rd.	Midway Rd. and Donley Rd.	Midway Rd. and Lefebvre Dr.	Midway Rd. and Bell Line Rd.	Midway Rd. and Bellway Dr.	Midway Rd. and Midway Rd. and Bellway Dr.

EXHIBIT A. Addison Traffic Signal Upgrade Project - Estimate of Probable Cost

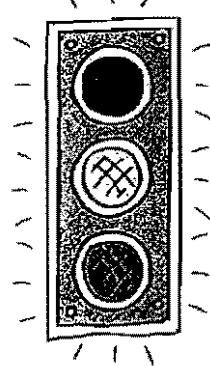
ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	26		28		Water Tower	Traffic Management Center (TMC)	TOTAL UNITS	UNIT COST	TOTAL COST
			Subways Blvd and 8th Line Rd.	Wissinger Dr. and 3rd Street Dr.							
1	CONDUIT (PVC) (SCH 40) (BORED) (3 IN)	LF						180	\$ 18.00	\$ 3,240	
2	CONDUIT (PVC) (SCH 40) (TRENCHED) (3 IN)	LF						120	\$ 9.00	\$ 1,080	
3	CONDUIT (RMC) (ATTACHED) (3 IN)	LF						300	\$ 12.00	\$ 3,600	
4	GROUND BOX TYPE A (122311) W/ APRON	EA				200		6	\$ 550.00	\$ 3,300	
5	GROUND BOX TYPE C (162311) W/ APRON	EA	1					19	\$ 675.00	\$ 12,825	
6	ELECTRIC SERV	EA				1		1	\$ 754.00	\$ 754	
7	FOUNDATION FOR TRAFFIC SIGNAL (36 IN DRILL SHAFT)	LF						20	\$ 200.00	\$ 4,000	
8	INSTALLATION OF HWY TRAFFIC SIGNAL (ISOLATED)	EA	1					29	\$ 1,400.00	\$ 40,600	
9	TRAFFIC SIGNAL CABLE (TYPE A) (20 COND) (14 AWG)	LF	200					909	\$ 3.00	\$ 2,700	
10	TRAFFIC SIGNAL CABLE (TYPE A) (7 COND) (16 AWG)	LF	100					338	\$ 1.00	\$ 338	
11	30' MONOPOLE	EA						1	\$ 2,500.00	\$ 2,500	
12	20' MONOPOLE	EA						1	\$ 2,200.00	\$ 2,200	
13	SALVAGE TRAFFIC SIGNALS	EA	1					22	\$ 800.00	\$ 17,600	
14	SPREAD SPECTRUM OMNI-DIRECTIONAL ANTENNA	EA				1		3	\$ 485.00	\$ 1,455	
15	SPREAD SPECTRUM DIRECTIONAL ANTENNA	EA	1			1		31	\$ 450.00	\$ 13,950	
16	SPREAD SPECTRUM RADIO UNIT	EA	1			2		34	\$ 2,513.00	\$ 85,442	
17	SPREAD SPECTRUM SOFTWARE	EA						1	\$ 5,000.00	\$ 5,000	
18	COAXIAL CABLE	LF	60	60		200		2140	\$ 3.00	\$ 6,420	
19	PREP OF EXISTING CONDUIT	EA	50	50				1950	\$ 1.00	\$ 1,950	
20	GROUND MOUNTED TS2 CONTROLLER CABINET	EA	1					20	\$ 6,000.00	\$ 120,000	
21	TRAFFIC SIGNAL CONTROLLER CABINET FOUNDATION	EA	1					20	\$ 1,100.00	\$ 22,000	
22	TS2 TRAFFIC SIGNAL CONTROLLER	EA	1					20	\$ 2,000.00	\$ 40,000	
23	TRAFFIC CONTROL SYSTEM SITE LICENSE	EA						1	\$ 12,000.00	\$ 12,000	
24	TRAFFIC CONTROL TMC HARDWARE	EA						1	\$ 8,000.00	\$ 8,000	
25	SYSTEM SUPPORT EQUIPMENT	LS						1	\$ 12,000.00	\$ 12,000	
26	S-SECTION LED HEAD W/ LOUVERS & MOUNTING BRACKETS (RT TURN)	EA						3	\$ 900.00	\$ 2,700	
27	S-SECTION LED HEAD W/ LOUVERS & MOUNTING BRACKETS (LT TURN)	EA	2					6	\$ 1,200.00	\$ 7,200	
28	10' POLE EXTENSION	EA						2	\$ 600.00	\$ 1,200	
29	15' POLE EXTENSION	EA						6	\$ 750.00	\$ 4,500	
30	MOBILIZATION	LS							5%	\$ 21,921	
31	BARRICADES, SIGNS, TRAFFIC HANDLING	LS							3%	\$ 13,158	
32	TRAFFIC SIGNAL TIMING (PER NCTCOG SPI AGREEMENT)	LS						1	\$ 56,500.00	\$ 56,500	
			\$ 18,268	\$ 15,168	\$ 9,715	\$ 41,403					
CONSTRUCTION SUBTOTAL = \$ 473,674											
CONTINGENCY* (5% of construction) = \$ 23,684											
ENGINEERING** (PS&E) SUBTOTAL = \$ 56,500											
GRAND TOTAL = \$ 620,172											
LOCAL PARTICIPATION (25%) = \$ 155,043											
FEDERAL PARTICIPATION (75%) = \$ 465,129											

* - Signal timing includes development, implementation assistance, and fine-tuning of coordinated timing plans.

** - Intersection and system engineering is approximately 14% of construction costs. This amount does not include traffic signal timing costs.

TOWN OF ADDISON

TRAFFIC SIGNAL



WARRANT ANALYSIS

Prepared for:

Town of Addison

Prepared by:

Kimley-Horn and Associates, Inc.

June 2003



Brian K. Shewski
6/18/03

EXHIBIT A. TOWN OF ADDISON WARRANT ANALYSIS SUMMARY

June 18, 2003

INT. #	STREET NAME		WARRANT ANALYSIS RESULTS					WARRANT(S) MET?
	Major	Minor	Warrant 1 Condition A	Warrant 1 Condition B	Warrant 1 Combination	Warrant 2	Warrant 3	
1	Belt Line	Marsh	YES	YES	n.a.	n.a.	n.a.	YES
2	Belt Line	Business	NO	YES	n.a.	n.a.	n.a.	YES
3	Belt Line	Commercial	NO	NO	NO	YES	YES	YES
4	Belt Line	Surveyor	NO	YES	n.a.	n.a.	n.a.	YES
5	Belt Line	Runyon	NO	YES	n.a.	n.a.	n.a.	YES
6	Belt Line	Midway	YES	YES	n.a.	n.a.	n.a.	YES
7	Belt Line	Beltway	NO	YES	n.a.	n.a.	n.a.	YES
8	Belt Line	Addison	YES	YES	n.a.	n.a.	n.a.	YES
9	Belt Line	Quorum	YES	YES	n.a.	n.a.	n.a.	YES
10	Midway	Spring Valley	YES	YES	n.a.	n.a.	n.a.	YES
11	Midway	Hornet	NO	NO	NO	YES	YES	YES
12	Midway	Proton	NO	YES	n.a.	n.a.	n.a.	YES
13	Midway	Beltway	NO	YES	n.a.	n.a.	n.a.	YES
14	Midway	Lindberg	NO	YES	n.a.	n.a.	n.a.	YES
15	Midway	Dooley	NO	NO	NO	YES	YES	YES
16	Marsh	Arapaho (Realty)	YES	YES	n.a.	n.a.	n.a.	YES
17	Spring Valley	Greenhill	NO	YES	n.a.	n.a.	n.a.	YES
18	Addison	Arapaho	YES	YES	n.a.	n.a.	n.a.	YES
19	Addison	Lindberg	YES	YES	n.a.	n.a.	n.a.	YES
20	Addison	Airport	NO	YES	n.a.	n.a.	n.a.	YES
21	Addison	Keller Springs	YES	YES	n.a.	n.a.	n.a.	YES
22	Addison	Westgrove	YES	YES	n.a.	n.a.	n.a.	YES
23	Addison	Sojourn	NO	NO	YES	YES	YES	YES
24	Quorum	Edwin Lewis	NO	NO	NO	NO	YES	YES
25	Arapaho	Quorum	YES	NO	n.a.	n.a.	n.a.	YES
26	Quorum	Airport	NO	NO	NO	NO	YES	YES
27	Keller Springs	Quorum	YES	YES	n.a.	n.a.	n.a.	YES
28	Westgrove	Quorum	NO	NO	NO	NO	YES	YES
29	Westgrove	Sojourn	YES	NO	n.a.	n.a.	n.a.	YES
30	Arapaho	Edwin Lewis	NO	NO	NO	NO	NO	NO

n.a. - Additional warrants not applicable.
 - Detailed warrant analysis conducted.

EXHIBIT B. TOWN OF ADDISON					June 18, 2003		
INT. #	MAJOR STREET				Warrant 1 Condition B (>100 vph)	WARRANTS MET?	
	Street Name	# of Lanes	ADT (Total)	Approach		Warrant 1 Condition A	Warrant 1 Condition B
1	Belt Line	2+	41117		YES	YES	YES
2	Belt Line	2+	52747		YES	NO	YES
3	Belt Line	2+	52747		NO	NO	NO
4	Belt Line	2+	52747		YES	NO	YES
5	Belt Line	2+	46483		YES	NO	YES
6	Belt Line	2+	52343		YES	YES	YES
7	Belt Line	2+	54677		YES	NO	YES
8	Belt Line	2+	54677		YES	YES	YES
9	Belt Line	2+	55382		YES	YES	YES
10	Midway	2+	47569		YES	YES	YES
11	Midway	2+	47569		NO	NO	NO
12	Midway	2+	50812		YES	NO	YES
13	Midway	2+	50812		YES	NO	YES
14	Midway	2+	43461		YES	NO	YES
15	Midway	2+	39685		NO	NO	NO
16	Marsh	2+	42655		YES	YES	YES
17	Spring Valley	2+	22878		YES	NO	YES
18	Addison	2+	23037		YES	YES	YES
19	Addison	2+	27039		YES	YES	YES
20	Addison	2+	21073		YES	NO	YES
21	Addison	2+	21073		YES	YES	YES
22	Addison	2+	19038		YES	YES	YES
23	Addison	2+	12938		YES	NO	NO
24	Quorum	2+	12511		NO	NO	NO
25	Arapaho	2+	13080		YES	YES	NO
26	Quorum	2+	8743		YES	NO	NO
27	Keller Springs	2+	19867		YES	YES	YES
28	Westgrove	2+	9308		YES	NO	NO
29	Westgrove	2+	15056		YES	YES	NO
30	Arapaho	2+	13080		NO	NO	NO

- * - This minor street approach volume threshold
- Further analysis required.

24-HOUR COUNTS
for
EXHIBIT B

Study Type Volume (ch1 & ch2) BELT LINE RD. - W OF MARSH CH.1=EB 2=WB
 Location Code 00000000140
 Date 09/11/2002
 Real Time 19:58
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000001

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	110	29	25	23	33	119	28	29	40	22	229	57	54	63	55
01	61	14	14	15	18	99	22	26	22	29	160	36	40	37	47
02	48	7	12	17	12	92	30	28	17	17	140	37	40	34	29
03	71	14	16	28	13	57	9	9	21	18	128	23	25	49	31
04	98	25	19	26	28	85	16	13	29	27	183	41	32	55	55
05	199	17	39	60	83	257	21	37	76	123	456	38	76	136	206
06	711	98	161	185	267	713	115	134	237	227	1424	213	295	422	494
07	1287	228	298	354	406	1423	294	354	398	377	2710	522	652	759	777
08	1353	233	303	345	310	1357	270	337	329	321	2710	493	592	674	631
09	1117	299	288	264	266	1096	252	288	263	293	2213	551	576	527	559
10	1056	280	262	246	268	1170	277	278	309	306	2226	557	540	555	574
11	1332	297	317	348	370	1266	315	314	298	339	2598	612	631	646	709
12	1559	390	373	366	304	1700	421	413	445	325	3259	817	792	831	819
13	1293	380	384	326	288	1556	421	388	390	362	2849	801	697	716	625
14	1233	302	301	302	298	1362	361	314	319	338	2595	663	645	651	636
15	1305	299	314	324	368	1373	334	299	357	383	2678	693	613	681	726
16	1537	368	319	315	405	1402	344	325	357	375	2939	712	675	672	730
17	1914	356	344	334	362	1624	376	354	417	377	3538	882	853	864	929
18	1400	316	305	306	275	1264	394	397	288	243	2664	812	688	664	620
19	830	238	215	173	204	830	214	229	195	192	1660	452	444	368	396
20	648	182	174	149	143	694	174	179	204	137	1342	366	363	315	268
21	525	143	126	103	102	555	157	136	131	131	1080	324	262	261	231
22	394	126	123	86	59	435	147	108	103	77	829	273	231	186	136
23	244	90	88	54	12	263	78	74	51	65	507	163	122	115	107
	20325	Total				20792	Total				41117	Total			

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 1459
 AM Peak Hour Factor 91.19%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1914
 PM Peak Hour Factor 94.01%

Channel 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 1499
 AM Peak Hour Factor 94.16%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 1700
 PM Peak Hour Factor 95.51%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2941
 AM Peak Hour Factor 94.63%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 3538
 PM Peak Hour Factor 91.85%

Study Type Volume (ch1 & ch2) MARSH - NORTH OF BELT LINE - CH.1=NB 2=SB
 Location Code 000000000500
 Date 09/25/2002
 Real Time 16:33
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000060

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	160	51	36	45	28	117	47	32	23	15	277	98	68	68	43
01	97	31	22	19	25	58	17	13	13	15	155	48	35	32	40
02	90	39	21	13	17	43	11	11	9	12	133	50	32	22	29
03	24	10	6	5	3	44	10	12	11	11	68	20	16	16	14
04	57	13	11	17	16	86	13	22	19	32	143	26	33	36	48
05	153	23	19	45	66	284	31	54	101	98	437	54	73	146	164
06	446	65	80	126	175	1000	141	208	289	362	1446	206	288	415	537
07	858	140	191	258	269	3072	462	592	980	538	3930	602	883	1538	907
08	842	226	213	185	218	2890	305	570	1201	514	3732	831	783	1386	732
09	659	166	184	150	159	1753	541	415	521	276	2412	707	599	671	435
10	759	176	175	208	202	1727	294	450	565	418	2486	470	625	771	620
11	995	215	215	242	303	1458	422	388	343	305	2453	637	623	585	608
12	1169	362	250	283	324	1111	321	272	265	253	2280	623	532	548	577
13	1063	260	263	272	268	1073	330	267	245	231	2136	590	530	567	499
14	1127	236	265	309	327	971	330	228	277	230	2098	475	493	573	557
15	1180	297	284	290	309	1009	215	252	257	255	2189	542	536	547	564
16	1796	368	420	490	523	1072	256	297	302	267	2868	619	667	792	790
17	2452	321	331	375	363	1348	309	291	385	249	3800	1122	935	928	982
18	1855	358	394	407	396	1177	305	307	292	273	3032	363	301	639	569
19	1216	380	386	388	262	885	270	224	209	182	2101	650	510	497	414
20	1023	267	257	280	219	646	191	155	161	166	1669	458	312	411	355
21	865	280	207	214	174	474	137	24	123	85	1339	367	335	337	300
22	559	174	152	125	105	365	99	36	37	83	924	276	248	212	188
23	332	109	90	75	58	215	32	51	40	42	547	91	141	155	100
	19777	Total				22878	Total				42655	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 995
 AM Peak Hour Factor 82.10%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2452
 PM Peak Hour Factor 96.69%

Channel 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 3215
 AM Peak Hour Factor 62.79%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1348
 PM Peak Hour Factor 83.83%

Channel 1 + 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 4159
 AM Peak Hour Factor 67.60%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 3800
 PM Peak Hour Factor 92.95%

Study Type Volume (ch1 & ch2) BELT LINE - MARSH TO SURVEYOR - CH.1=WB 2=EB
 Location Code 00000000150
 Date 09/25/2002
 Real Time 19:57
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000380

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	166	45	39	46	36	153	59	36	32	26	319	104	75	78	62
01	108	30	23	24	31	103	34	22	28	19	211	64	45	52	50
02	131	52	28	33	18	78	13	26	16	23	209	65	54	49	41
03	59	21	11	14	13	68	14	11	27	16	127	35	22	41	29
04	60	11	6	21	22	130	24	15	21	70	190	35	21	42	92
05	168	22	31	45	70	326	44	54	107	121	494	66	85	152	191
06	522	71	115	148	188	823	107	178	239	301	1345	178	291	387	489
07	988	169	224	327	268	1595	261	377	439	518	2583	430	601	766	786
08	1060	307	232	267	254	1942	497	484	479	482	3002	804	716	746	736
09	888	234	220	225	209	1895	470	443	506	476	2783	704	663	731	685
10	1053	256	239	268	290	2100	534	509	472	585	3153	790	748	740	875
11	1514	298	337	399	300	2540	522	598	635	635	4054	950	955	1034	1115
12	1846	460	456	492	438	2652	610	722	638	638	4498	1070	1178	1123	1123
13	1579	443	400	407	334	2339	637	584	584	477	3918	1148	934	983	811
14	1470	415	332	307	322	1590	424	350	413	403	3060	839	682	814	725
15	1528	357	356	458	359	1638	357	395	488	424	3166	706	751	926	733
16	1617	393	360	445	399	2007	405	513	350	509	3624	798	903	995	928
17	1891	443	318	418	460	2252	594	508	569	581	4143	1124	1024	1017	931
18	1508	432	369	365	332	2516	607	624	680	575	4024	1049	1023	1043	907
19	1076	296	236	268	263	1608	423	396	349	340	2684	819	652	612	601
20	915	236	230	216	233	1093	310	303	262	219	2008	516	538	478	415
21	681	192	183	158	147	765	232	226	160	147	1446	424	410	308	294
22	519	152	105	158	106	593	224	175	200	96	1112	373	281	256	202
23	278	64	71	73	50	316	110	131	69	56	594	194	152	112	106
	21625	Total				31122	Total				52747	Total			

Channel 1
 AM Peak Hour Start 11:00
 AM Peak Hour Total 1514
 AM Peak Hour Factor 88.02%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1910
 PM Peak Hour Factor 90.09%

Channel 2
 AM Peak Hour Start 11:00
 AM Peak Hour Total 2540
 AM Peak Hour Factor 92.70%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 2739
 PM Peak Hour Factor 94.84%

Channel 1 + 2
 AM Peak Hour Start 11:00
 AM Peak Hour Total 4054
 AM Peak Hour Factor 90.90%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 4568
 PM Peak Hour Factor 96.94%

Site Name Belt Line @ Business SB approach
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 8
 Direction None
 Date 05/20/2003
 Real Time 23:18
 Start Date 05/21/2003
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 8

Thursday, May 22, 2003

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	15	7	3	4	1										
01	2	0	2	0	0										
02	10	3	1	4	2										
03	0	0	0	0	0										
04	2	0	2	0	0										
05	11	1	4	0	6										
06	38	2	12	10	14										
07	157	20	29	45	63										
08	164	50	46	38	30										
09	93	19	25	21	28										
10	102	19	27	29	27										
11	231	5	17	12	22										
12	351	28	32	30	19										
13	272	18	25	67	22										
14	136	28	23	14	31										
15	128	16	32	10	21										
16	145	30	32	28	10										
17	187	51	24	38	34										
18	139	36	16	18	29										
19	102	30	20	30	22										
20	97	26	24	20	27										
21	89	24	12	14	19										
22	32	6	8	6	12										
23	39	7	13	13	6										
	2542	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 231
 AM Peak Hour Factor 80.21 %
 PM Peak Hour Start 12:15
 PM Peak Hour Total 361
 PM Peak Hour Factor 89.36 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Study Type Volume (ch1 & ch2)
 Location Code 00000000150
 Date 09/25/2002
 Real Time 19:57
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000380

BELT LINE - MARSH TO SURVEYOR - CH.1=WB 2=EB

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	166	45	39	46	36	153	59	36	32	26	319	104	75	78	62
01	108	30	23	24	31	103	34	22	28	19	211	64	45	52	50
02	131	52	28	33	18	78	13	26	16	23	209	65	54	49	41
03	59	21	11	14	13	68	14	11	27	16	127	35	22	41	29
04	60	11	6	21	22	130	24	15	21	70	190	35	21	42	92
05	168	22	31	45	70	326	44	54	107	121	494	66	85	152	191
06	522	71	115	148	188	823	107	176	239	301	1345	178	291	387	489
07	988	169	224	327	268	1595	261	377	439	518	2583	430	601	766	786
08	1060	307	232	267	254	1942	497	484	479	482	3002	804	716	746	736
09	888	234	220	225	209	1895	470	443	506	476	2783	704	663	731	685
10	1053	256	239	268	290	2100	534	509	472	585	3153	790	748	740	875
11	1514	328	357	399	430	2540	622	596	636	685	4054	950	955	1034	1015
12	1846	460	456	492	486	2652	610	572	631	689	4498	1076	1073	1125	1124
13	1579	443	400	402	334	2339	537	584	531	477	3918	1146	984	983	817
14	1470	415	382	401	322	1590	424	350	413	403	3060	899	682	814	725
15	1528	355	336	458	359	1638	351	395	468	424	3166	706	751	928	783
16	1617	392	360	445	419	2007	405	542	550	508	3624	798	903	995	928
17	1891	522	478	48	400	2252	554	508	569	581	4143	1024	1021	1017	981
18	1508	432	369	365	332	2516	607	664	680	575	4024	1049	1023	1045	997
19	1076	296	256	263	261	1608	523	396	349	340	2684	319	652	612	601
20	915	236	230	216	233	1093	310	308	262	213	2008	546	538	478	416
21	681	192	184	163	147	765	232	226	160	147	1446	424	416	318	294
22	519	152	105	155	106	593	221	176	100	96	1112	373	281	256	202
23	278	84	74	73	50	316	110	81	69	56	594	194	152	142	106
	21625	Total				31122	Total				52747	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1514
 AM Peak Hour Factor 88.02%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1910
 PM Peak Hour Factor 90.09%

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 2540
 AM Peak Hour Factor 92.70%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 2739
 PM Peak Hour Factor 94.84%

Channel 1 + 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 4054
 AM Peak Hour Factor 90.90%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 4568
 PM Peak Hour Factor 96.94%

Study Type Volume (ch1 & 2-way) SURVEYOR - NORTH OF BELT LINE - CH.1=SB 2=NB
 Location Code 000000000840
 Date 09/23/2002
 Real Time 18:35
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000400

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	11	3	2	5	1	7	3	1	2	1	18	6	3	7	2
01	12	8	0	3	1	3	1	2	0	0	15	9	2	3	1
02	6	3	0	1	2	1	0	0	1	0	7	3	0	2	2
03	10	9	0	1	0	4	1	0	2	1	14	10	0	3	1
04	2	0	0	1	1	29	3	1	3	22	31	3	1	4	23
05	7	0	1	1	5	110	7	22	44	37	117	7	23	45	42
06	56	2	10	20	24	239	25	39	76	99	295	27	49	96	123
07	199	22	47	53	77	222	30	54	49	39	421	52	101	102	166
08	198	56	59	48	35	233	55	64	56	48	431	121	123	104	83
09	152	43	36	41	32	169	51	51	36	31	321	94	87	77	63
10	140	34	25	30	51	106	23	27	20	36	246	57	52	50	87
11	297	57	63	92	85	172	36	42	40	54	469	93	105	132	139
12	268	39	74	51	61	251	56	56	52	72	519	65	80	85	78
13	193	50	48	50	44	187	57	57	42	41	380	107	95	93	85
14	217	76	49	79	43	143	38	30	30	45	360	84	79	109	88
15	276	74	42	113	48	130	29	30	40	31	406	100	74	158	79
16	289	75	64	70	75	154	48	39	26	39	443	123	105	107	110
17	350	75	83	81	91	135	34	44	32	35	485	159	119	128	85
18	141	58	37	24	22	89	28	28	16	17	230	38	65	40	39
19	65	16	17	20	12	30	16	9	7	8	95	27	26	27	15
20	27	3	3	3	2	19	2	3	2	2	46	7	3	2	11
21	29	0	4	7	8	24	3	5	3	7	53	13	9	16	15
22	9	4	1	1	3	8	2	3	1	1	17	6	4	2	5
23	10	5	0	3	2	7	2	0	3	2	17	7	10	6	4
	2964	Total				2472	Total				5436	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 297
 AM Peak Hour Factor 80.71%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 371
 PM Peak Hour Factor 74.20%

Channel 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 274
 AM Peak Hour Factor 76.97%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 252
 PM Peak Hour Factor 81.82%

Channel 1 + 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 514
 AM Peak Hour Factor 77.41%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 519
 PM Peak Hour Factor 89.48%

Study Type Volume (ch1 & ch2) BELT LINE RD. - SURVEYOR TO MIDWAY CH.1=EB 2=WB
 Location Code 00000000160
 Date 09/11/2002
 Real Time 20:17
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000047

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00
00	183	55	52	40	36	187	43	58	52	34	370	98	110	92	70
01	103	29	29	26	19	106	25	35	21	25	209	54	64	47	44
02	63	19	15	16	13	97	38	25	21	13	160	57	40	37	26
03	69	10	18	24	17	46	5	9	17	15	115	15	27	41	32
04	72	18	18	14	22	81	11	13	34	23	153	29	31	48	45
05	162	17	24	50	71	183	19	30	54	80	345	36	54	104	151
06	546	68	118	141	219	556	84	116	157	199	1102	152	234	298	418
07	1300	224	286	348	442	1046	206	232	329	279	2346	430	518	677	721
08	1468	350	398	377	343	1051	258	268	268	257	2519	608	666	645	600
09	1054	282	249	256	267	1119	242	261	286	330	2173	524	510	542	597
10	1176	281	297	291	307	1308	325	327	344	312	2484	606	624	635	619
11	1463	312	343	367	441	1770	388	392	513	477	3233	700	735	880	918
12	1868	437	455	468	507	1984	511	476	576	588	3852	951	970	1111	1187
13	1822	408	429	453	412	1673	452	442	410	369	3495	939	891	863	781
14	1464	361	361	385	357	1488	374	352	367	395	2952	735	713	752	752
15	1332	296	305	354	377	1485	360	325	400	400	2817	656	680	754	707
16	1460	350	361	380	369	1559	382	390	434	353	3019	732	751	814	722
17	1765	446	470	408	499	1924	512	463	468	495	3689	960	923	876	930
18	1599	389	463	409	324	1580	417	426	406	331	3179	800	889	815	675
19	1200	317	310	291	282	1270	335	327	413	290	2470	652	687	619	457
20	1036	322	310	294	210	1113	295	275	283	258	2149	617	585	479	368
21	792	223	204	196	169	894	257	285	203	194	1686	480	489	404	363
22	491	155	134	108	97	693	227	183	161	122	1184	382	324	269	19
23	378	104	103	85	88	404	116	110	84	84	782	220	211	169	182
	22866	Total				23617	Total				46483	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 1567
 AM Peak Hour Factor 88.63%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 1939
 PM Peak Hour Factor 95.42%

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 1770
 AM Peak Hour Factor 86.26%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 1984
 PM Peak Hour Factor 96.50%

Channel 1 + 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 3233
 AM Peak Hour Factor 88.04%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 3861
 PM Peak Hour Factor 97.80%

Site Name Runyon @ Beltline NB approach
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 34
 Direction None
 Date 05/28/2003
 Real Time 23:53
 Start Date 05/29/2003
 Start Time 01:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 34

Thursday, May 29, 2003

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	50	9	14	14	13										
01	18	3	2	10	3										
02	9	2	1	4	2										
03	2	0	0	0	2										
04	2	0	2	0	0										
05	15	0	1	3	11										
06	36	6	3	10	17										
07	60	8	18	14	20										
08	78	16	15	27	20										
09	116	28	29	30	29										
10	168	32	37	44	55										
11	244	37	45	52	62										
12	368	74	79	107	108										
13	375	77	82	79	93										
14	268	66	53	70	79										
15	216	52	51	70	60										
16	248	56	68	59	62										
17	264	65	60	65	74										
18	276	64	64	70	78										
19	280	67	64	65	54										
20	235	60	66	66	63										
21	106	26	24	26	30										
22	109	21	20	28	20										
23	70	23	18	21	8										
	3613	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 244
 AM Peak Hour Factor 66.30 %
 PM Peak Hour Start 12:30
 PM Peak Hour Total 421
 PM Peak Hour Factor 94.82 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Study Type Volume (ch1 & ch2)
 Location Code 000000000170
 Date 09/25/2002
 Real Time 16:04
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000330

BELT LINE - MIDWAY TO BELTWAY - CH.1=WB 2=EB

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00
00	205	55	48	53	49	215	73	55	48	39	420	128	103	101	88
01	151	47	40	28	36	171	54	40	46	31	322	101	80	74	67
02	131	46	36	32	17	103	33	31	13	26	234	79	67	45	43
03	46	11	9	10	16	60	15	12	21	12	106	26	21	31	28
04	76	15	5	25	31	92	22	12	18	40	168	37	17	43	71
05	237	32	42	73	90	193	32	48	46	67	430	64	90	119	157
06	734	95	148	198	293	618	88	124	160	246	1352	183	272	358	539
07	1425	262	291	453	419	1359	215	328	387	299	2784	477	619	840	848
08	1522	409	398	370	345	1654	436	324	184	393	3176	842	822	774	738
09	1145	305	284	265	291	1226	333	304	307	282	2371	638	588	572	573
10	1136	282	261	291	302	1190	278	278	292	342	2326	560	539	583	644
11	1749	316	340	460	503	1587	336	387	392	472	3336	662	627	852	975
12	2005	523	497	488	497	2165	480	544	374	398	4170	1003	701	1048	1395
13	1794	484	460	435	415	2074	388	545	301	410	3868	669	1008	986	855
14	1552	441	356	467	385	1729	409	424	367	410	3281	853	779	824	825
15	1457	376	341	413	387	1641	413	388	412	428	3098	729	729	825	915
16	1652	395	364	456	497	1844	409	424	465	526	3496	804	808	921	833
17	2022	477	436	484	512	1922	485	488	328	476	3944	1042	923	996	988
18	1865	381	478	464	392	1795	468	472	420	435	3660	991	950	884	827
19	1402	357	362	313	310	1428	370	355	340	363	2830	797	717	655	671
20	1159	285	293	270	269	1211	343	310	308	266	2370	658	645	578	529
21	1017	290	270	238	218	1083	297	269	261	256	2100	588	539	499	474
22	754	217	183	217	137	817	217	231	91	148	1571	464	414	408	285
23	469	142	124	107	96	461	151	133	101	76	930	293	257	208	172
	25705	Total				26638	Total				52343	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1749
 AM Peak Hour Factor 86.93%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2022
 PM Peak Hour Factor 90.75%

Channel 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 1690
 AM Peak Hour Factor 97.58%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 2304
 PM Peak Hour Factor 97.13%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3352
 AM Peak Hour Factor 98.82%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 4236
 PM Peak Hour Factor 97.16%

Beltway to Beltline #55 Channel 1=NB 2=SB
 Study Type Volume (ch1 & ch2)
 Location Code 00000000430
 Date 09/11/2002
 Real Time 21:40
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Friday, September 13, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	170	52	48	42	28	197	67	52	42	36	367	119	100	84	64
01	106	27	22	24	33	134	40	35	27	32	240	67	57	51	65
02	105	29	37	24	15	102	31	34	15	22	207	60	71	39	37
03	85	22	29	18	16	80	17	22	20	21	165	39	51	38	37
04	88	15	18	31	24	88	19	30	22	17	176	34	48	53	41
05	239	20	49	83	87	230	32	41	62	95	469	52	90	145	182
06	799	140	176	252	231	740	79	144	235	282	1539	219	320	487	513
07	1298	281	280	367	370	2024	368	513	500	337	3322	649	798	967	933
08	1265	349	331	311	274	2027	524	496	521	466	3292	893	827	832	740
09	1104	253	299	278	274	1217	352	275	274	316	2321	605	574	552	590
10	1082	286	231	268	297	1074	291	267	265	251	2156	577	498	533	548
11	1832	387	350	293	591	1346	297	298	345	406	3178	684	748	839	907
12	1968	522	493	502	451	1796	431	445	475	445	3764	953	937	978	896
13	1623	438	364	410	411	1679	437	416	406	410	3302	885	780	816	821
14	1397	349	327	365	356	1477	394	357	372	354	2874	743	684	737	710
15	1643	358	401	445	439	1440	350	389	372	328	3083	707	740	787	799
16	2193	507	511	582	539	1395	356	354	366	399	3588	868	849	948	826
17	2396	533	598	532	937	1481	413	355	368	455	3877	942	953	980	947
18	1872	386	507	436	543	1284	355	381	388	265	3156	840	836	769	808
19	1183	226	309	279	269	933	245	228	274	219	2116	574	534	528	488
20	870	210	221	246	194	778	219	202	189	168	1648	459	423	404	362
21	762	183	237	178	164	716	182	194	173	167	1478	365	434	351	331
22	521	136	135	137	113	573	147	157	139	110	1094	289	292	276	249
23	442	116	114	121	91	468	120	113	117	113	910	236	232	238	204
	25043	Total				23279	Total				48322	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1832
 AM Peak Hour Factor 91.42%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 2398
 PM Peak Hour Factor 97.96%

Channel 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 2200
 AM Peak Hour Factor 91.67%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 1812
 PM Peak Hour Factor 95.17%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3595
 AM Peak Hour Factor 92.94%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 3877
 PM Peak Hour Factor 96.73%

Study Type Volume (ch1 & ch2)
 Location Code 00000000180
 Date 09/11/2002
 Real Time 20:40
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000009

BELT LINE RD. - BELTWAY TO ADDISON CH.1=EB 2=WB

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	243	73	56	56	58	202	51	60	65	26	445	124	116	121	84
01	143	42	41	34	26	121	26	38	23	34	264	68	79	57	60
02	97	27	31	21	18	102	44	24	24	10	199	71	55	45	28
03	62	12	11	20	19	38	4	11	12	11	100	16	22	32	30
04	83	17	17	18	31	71	10	14	23	24	154	27	31	41	55
05	196	23	47	47	79	223	27	41	59	96	419	50	88	106	175
06	660	85	134	188	253	749	89	152	220	288	1409	174	286	408	541
07	1390	231	319	368	472	1488	268	360	428	432	2878	499	679	796	904
08	1662	262	324	328	398	1577	375	401	428	373	3239	787	825	856	771
09	1219	321	297	293	308	1262	320	288	296	358	2481	641	585	589	666
10	1277	312	335	298	332	1359	341	333	337	348	2636	653	668	635	680
11	1581	361	394	372	454	2002	404	448	502	456	3583	765	842	964	1012
12	2155	512	536	524	591	1996	516	516	497	474	4151	1028	1029	1041	1160
13	2111	558	545	528	478	1808	504	467	432	385	3919	921	903	860	863
14	1820	442	429	408	451	1518	376	424	348	369	3338	819	853	846	820
15	1726	387	418	353	388	1552	433	390	373	394	3278	782	808	826	862
16	1862	480	436	480	466	1759	492	385	476	366	3621	912	824	956	882
17	2086	503	551	530	502	2088	512	546	545	522	4174	1005	1057	1043	1024
18	1903	511	498	474	457	1900	500	496	466	438	3803	1018	994	943	865
19	1546	409	398	374	365	1489	392	391	375	328	3035	804	792	749	699
20	1509	367	408	357	357	1302	342	391	327	287	2811	724	739	684	684
21	1161	329	297	250	255	1027	276	275	264	212	2188	615	592	514	467
22	779	234	194	185	165	752	242	198	183	149	1531	476	392	448	316
23	567	185	143	126	113	454	152	108	92	102	1021	387	251	213	215
	27838	Total				26839	Total				54677	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 1736
 AM Peak Hour Factor 91.95%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 2230
 PM Peak Hour Factor 94.33%

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 2002
 AM Peak Hour Factor 84.54%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2088
 PM Peak Hour Factor 95.60%

Channel 1 + 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 3583
 AM Peak Hour Factor 88.51%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 4195
 PM Peak Hour Factor 98.20%

Site Name BELTWAY DR - S OF BELT LINE CH.1=NB 2=SB
 Jurisdiction ADDISON, TX
 Study Type Volume (ch1 & 2-way)
 Location Code 27
 Direction None
 Date 09/09/2002
 Real Time 19:43
 Start Date 09/10/2002
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 32

Tuesday, September 10, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	8	2	4	2	0	9	2	4	1	2	17	4	8	3	2
01	4	0	0	2	2	5	1	1	2	1	9	1	1	4	3
02	7	1	5	1	0	5	1	3	1	0	12	2	8	2	0
03	6	2	2	0	2	6	1	2	2	1	12	3	4	2	3
04	0	0	0	0	0	2	0	0	1	1	2	0	0	1	1
05	7	1	3	1	2	3	0	1	1	1	10	1	4	2	3
06	26	2	3	8	13	18	3	2	7	6	44	5	5	15	19
07	95	14	14	27	40	109	16	22	36	33	204	30	36	65	73
08	107	25	30	20	32	91	20	19	23	25	198	49	49	43	57
09	82	21	19	20	22	88	22	23	24	19	170	43	42	44	41
10	85	11	21	27	26	73	12	24	15	22	158	23	45	42	48
11	161	34	39	36	30	114	26	20	34	34	275	60	59	72	64
12	197	37	35	35	30	122	23	31	31	35	319	34	73	56	78
13	152	40	31	36	25	131	15	22	37	27	283	43	63	73	52
14	120	23	24	24	28	96	17	20	32	27	216	26	34	56	30
15	132	25	23	28	16	79	16	19	22	22	211	12	30	60	69
16	157	37	29	34	22	82	24	20	20	18	239	31	34	54	60
17	189	51	35	42	21	118	25	28	41	24	307	76	33	33	65
18	154	45	35	36	28	109	26	38	20	28	263	73	73	66	51
19	113	35	28	28	24	71	23	25	13	10	184	58	34	24	31
20	83	17	19	20	29	83	14	21	24	27	166	31	35	44	56
21	57	24	20	13	10	48	12	16	14	6	105	36	26	22	16
22	48	13	13	15	17	24	8	10	2	4	72	21	23	17	11
23	32	6	12	10	4	11	5	4	1	1	43	4	16	11	5
2022	Total					1497	Total				3519	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 161
 AM Peak Hour Factor 80.50 %
 PM Peak Hour Start 12:00
 PM Peak Hour Total 197
 PM Peak Hour Factor 79.44 %

Channel 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 117
 AM Peak Hour Factor 76.97 %
 PM Peak Hour Start 12:30
 PM Peak Hour Total 136
 PM Peak Hour Factor 82.93 %

Channel 1 + 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 275
 AM Peak Hour Factor 81.85 %

Study Type Volume (ch1 & ch2)
 Location Code 000000000180
 Date 09/11/2002
 Real Time 20:40
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000009

BELT LINE RD. - BELTWAY TO ADDISON CH.1=EB 2=WB

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	243	73	56	56	58	202	51	60	65	26	445	124	116	121	84
01	143	42	41	34	26	121	26	38	23	34	264	68	79	57	60
02	97	27	31	21	18	102	44	24	24	10	199	71	55	45	28
03	62	12	11	20	19	38	4	11	12	11	100	16	22	32	30
04	83	17	17	18	31	71	10	14	23	24	154	27	31	41	55
05	196	23	47	47	79	223	27	41	59	96	419	50	88	106	175
06	660	85	134	188	253	749	89	152	220	288	1409	174	286	408	541
07	1390	231	319	368	472	1488	268	360	428	432	2878	499	679	796	904
08	1662	272	324	428	398	1577	375	401	428	373	3239	787	825	856	771
09	1219	321	297	293	308	1262	320	288	296	358	2481	641	585	589	666
10	1277	312	335	298	332	1359	341	333	337	348	2636	653	668	635	680
11	1581	361	394	372	454	2002	404	448	592	558	3583	765	842	964	1042
12	2155	512	518	395	331	1996	511	511	497	474	4151	1026	1029	1041	968
13	2111	384	517	528	478	1808	504	487	392	385	3919	632	1034	960	863
14	1820	412	428	498	451	1518	377	424	348	369	3338	319	859	846	820
15	1726	387	439	453	468	1552	395	390	374	394	3278	732	808	826	852
16	1862	480	436	480	466	1759	432	385	376	466	3621	912	824	956	992
17	2086	404	554	590	502	2088	502	545	538	522	4174	1005	1097	1048	1024
18	1903	311	498	477	417	1900	500	496	466	438	3803	1041	994	945	855
19	1546	409	396	374	365	1489	492	393	376	328	3035	601	792	749	693
20	1509	387	403	357	357	1302	347	384	327	297	2811	734	748	684	624
21	1161	339	317	250	255	1027	276	276	264	242	2188	616	592	514	467
22	779	234	194	185	166	752	242	198	169	149	1531	476	392	348	315
23	567	185	143	126	113	454	152	108	92	102	1021	337	251	248	215
	27838	Total				26839	Total				54677	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 1736
 AM Peak Hour Factor 91.95%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 2230
 PM Peak Hour Factor 94.33%

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 2002
 AM Peak Hour Factor 84.54%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2088
 PM Peak Hour Factor 95.60%

Channel 1 + 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 3583
 AM Peak Hour Factor 88.51%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 4195
 PM Peak Hour Factor 98.20%

Study Type Volume (ch1)
 Location Code 000000000020
 Date 10/02/2002
 Real Time 17:06
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000090

ADDISON RD - BELT LINE TO ARAPAHO - SOUTHBOUND

Thursday, October 03, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	99	30	24	19	26										
01	87	22	30	20	15										
02	25	13	3	6	3										
03	15	4	7	2	2										
04	20	2	4	3	11										
05	89	17	12	26	34										
06	300	34	58	82	126										
07	1112	175	275	278	384										
08	1196	30	27	28	258										
09	683	191	164	182	146										
10	561	142	138	129	152										
11	768	137	214	205	212										
12	887	249	227	262	349										
13	721	201	174	174	172										
14	602	160	157	131	154										
15	732	175	172	202	183										
16	767	205	163	203	203										
17	1066	165	154	203	244										
18	780	212	233	162	173										
19	470	160	117	101	92										
20	345	103	90	79	73										
21	248	68	74	36	50										
22	159	50	50	27	32										
23	139	51	32	16	20										
	11871 Total					Total					Total				

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 1322
 AM Peak Hour Factor 86.07%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1066
 PM Peak Hour Factor 84.87%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Study Type Volume (ch1 & ch2)
 Location Code 00000000200
 Date 09/11/2002
 Real Time 21:27
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000036

BELT LINE RD. - QUORUM TO DALLAS PKWY CH.1=EB INNER 2 LANES CH.2=WI

Thursday, September 12, 2002

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	205	67	46	52	40	168	44	49	43	32	373	111	95	95	72
01	138	39	43	33	23	102	23	32	18	29	240	62	75	51	52
02	95	35	27	20	13	72	20	19	16	17	167	55	46	36	30
03	47	10	9	13	15	35	4	12	7	12	82	14	21	20	27
04	48	10	10	11	17	65	7	12	20	26	113	17	22	31	43
05	80	18	14	22	26	278	25	55	83	115	358	43	69	105	141
06	265	44	61	69	91	818	92	160	236	330	1083	136	221	305	421
07	576	115	120	162	179	1651	322	352	476	504	2227	437	472	638	680
08	715	163	194	169	189	1855	446	500	454	455	2570	609	694	623	644
09	641	144	163	158	176	1415	378	322	330	385	2056	522	485	488	561
10	781	176	213	197	195	1376	355	330	328	363	2157	531	543	525	558
11	1021	243	242	258	230	1817	387	440	475	515	2838	626	682	783	785
12	1217	292	276	327	322	1851	436	380	360	435	3068	727	736	788	810
13	1241	306	302	313	320	1716	384	452	395	396	2957	789	754	708	706
14	1209	282	287	324	314	1524	404	422	381	395	2733	668	711	655	699
15	1216	282	284	358	317	1454	458	340	392	389	2670	645	624	745	686
16	1346	323	260	345	352	1440	365	331	264	380	2786	688	657	709	732
17	1536	395	338	385	358	1604	366	413	374	451	3140	764	791	880	895
18	1369	372	373	389	365	1768	429	443	330	452	3137	845	815	769	737
19	1087	319	256	350	262	1491	376	395	336	338	2578	746	651	586	595
20	1064	272	299	247	246	1308	332	316	355	305	2372	604	615	602	551
21	906	236	234	237	199	998	254	263	254	227	1904	490	497	491	426
22	632	177	182	156	117	730	229	57	167	177	1362	408	389	323	294
23	481	133	139	101	98	493	172	118	110	93	974	316	257	211	191
	17916	Total				26029	Total				43945	Total			

Channel 1
 AM Peak Hour Start 11:00
 AM Peak Hour Total 1021
 AM Peak Hour Factor 91.16%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1536
 PM Peak Hour Factor 94.58%

Channel 2
 AM Peak Hour Start 7:30
 AM Peak Hour Total 1923
 AM Peak Hour Factor 95.96%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 1899
 PM Peak Hour Factor 95.91%

Channel 1 + 2
 AM Peak Hour Start 11:00
 AM Peak Hour Total 2838
 AM Peak Hour Factor 89.25%
 PM Peak Hour Start 17:30
 AM Peak Hour Total 3216
 PM Peak Hour Factor 98.53%

Study Type Volume (ch1 & ch2)
 Location Code 000000000200
 Date 09/11/2002
 Real Time 21:25
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000007

BELT LINE RD. - QUORUM TO DALLAS PKWY - EASTBOUND OUTER 2 LANES (CH

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	96	30	21	19	26	96	30	21	19	26
01	0	0	0	0	0	72	33	9	12	18	72	33	9	12	18
02	0	0	0	0	0	53	22	16	9	6	53	22	16	9	6
03	0	0	0	0	0	18	8	4	2	4	18	8	4	2	4
04	0	0	0	0	0	12	3	2	4	3	12	3	2	4	3
05	0	0	0	0	0	56	12	18	10	16	56	12	18	10	16
06	0	0	0	0	0	167	20	33	56	58	167	20	33	56	58
07	0	0	0	0	0	416	96	88	107	125	416	96	88	107	125
08	0	0	0	0	0	538	119	128	142	149	538	119	128	142	149
09	0	0	0	0	0	436	101	123	95	117	436	101	123	95	117
10	0	0	0	0	0	536	129	158	126	123	536	129	158	126	123
11	0	0	0	0	0	733	143	197	182	211	733	143	197	182	211
12	0	0	0	0	0	857	243	177	288	229	857	243	177	288	229
13	0	0	0	0	0	874	243	225	268	198	874	243	225	268	198
14	0	0	0	0	0	756	246	181	190	169	756	246	181	190	169
15	0	0	0	0	0	786	169	187	231	199	786	169	187	231	199
16	0	0	0	0	0	817	196	196	217	208	817	196	196	217	208
17	0	0	0	0	0	1013	251	211	279	272	1013	251	211	279	272
18	0	0	0	0	0	809	237	185	214	173	809	237	185	214	173
19	0	0	0	0	0	626	181	135	151	139	626	181	135	151	139
20	0	0	0	0	0	629	158	178	144	149	629	158	178	144	149
21	0	0	0	0	0	473	140	118	114	101	473	140	118	114	101
22	0	0	0	0	0	398	114	141	96	100	398	114	141	96	100
23	0	0	0	0	0	266	84	75	40	67	266	84	75	40	67
	0	Total				11437	Total				11437	Total			

Channel 1

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 733
 AM Peak Hour Factor 86.85%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1013
 PM Peak Hour Factor 90.77%

Channel 1 + 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 733
 AM Peak Hour Factor 86.85%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1013
 PM Peak Hour Factor 90.77%

Study Type Volume (ch1 & ch2)
 Location Code 00000000670
 Date 09/25/2002
 Real Time 20:53
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000480

QUORUM - LANDMARK TO BELT LINE - CH.1=NB 2=SB

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	21	7	7	7	0	32	14	6	5	7	53	21	13	12	7
01	10	3	3	3	1	11	3	3	2	3	21	6	6	5	4
02	12	4	3	1	4	5	0	1	3	1	17	4	4	4	5
03	7	2	2	2	1	6	0	2	4	0	13	2	4	6	1
04	12	4	2	2	4	6	2	1	1	2	18	6	3	3	6
05	30	2	2	10	16	20	4	2	4	10	50	6	4	14	26
06	103	11	26	31	35	97	8	23	26	40	200	19	49	57	75
07	265	41	55	76	93	415	52	88	100	175	680	93	143	176	268
08	308	94	63	87	64	603	157	58	180	108	911	251	221	267	172
09	226	43	47	68	68	249	87	62	45	55	475	130	109	113	123
10	213	56	59	44	54	164	42	41	32	49	377	98	100	76	103
11	512	95	97	163	157	240	57	56	64	63	752	152	153	227	220
12	494	145	106	87	108	401	68	112	98	93	895	232	220	236	237
13	367	22	33	74	80	401	153	16	91	75	768	211	209	163	155
14	275	33	31	70	78	258	37	26	66	31	533	130	123	138	139
15	351	95	85	89	82	215	58	53	55	49	566	158	138	144	131
16	552	132	121	144	162	228	51	56	56	65	780	183	170	200	227
17	1003	151	141	165	223	308	87	83	74	67	1311	278	272	316	292
18	562	206	134	127	135	157	36	18	36	37	719	242	207	163	127
19	218	72	45	65	36	125	38	28	28	31	343	110	73	91	69
20	147	25	13	27	32	120	34	26	23	37	267	73	69	59	70
21	111	35	20	37	29	86	15	34	24	16	197	40	54	58	45
22	78	26	24	24	9	61	26	11	10	14	139	52	32	33	22
23	52	14	12	20	6	32	6	6	10	10	84	20	18	30	16
	5929	Total				4240	Total				10169	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 512
 AM Peak Hour Factor 78.53%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1003
 PM Peak Hour Factor 85.87%

Channel 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 670
 AM Peak Hour Factor 93.06%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 453
 PM Peak Hour Factor 95.17%

Channel 1 + 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 1007
 AM Peak Hour Factor 93.94%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1311
 PM Peak Hour Factor 86.48%

Spring Valley to Proton #57 Channel 1=NB 2=SB
 Study Type Volume (ch1 & ch2)
 Location Code 000000000390
 Date 09/11/2002
 Real Time 21:31
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Friday, September 13, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	138	40	44	28	26	198	68	46	49	35	336	108	90	77	61
01	93	24	21	26	22	125	33	33	27	32	218	57	54	53	54
02	95	23	33	23	16	120	37	37	23	23	215	60	70	46	39
03	81	20	27	20	14	73	15	13	19	26	154	35	40	39	40
04	87	10	24	25	28	96	19	31	25	21	183	29	55	50	49
05	272	38	55	70	109	204	28	37	59	80	476	66	92	129	189
06	845	124	197	274	250	703	91	132	219	261	1548	215	329	493	511
07	1421	287	313	387	434	1977	372	443	616	746	3398	659	756	1003	916
08	1392	391	357	343	301	1824	430	508	482	404	3216	621	655	825	705
09	1181	310	302	272	297	1213	355	270	276	312	2384	665	572	548	609
10	1136	285	249	273	329	1098	283	258	303	254	2234	568	507	576	583
11	1815	285	331	502	395	1274	293	282	345	354	3089	679	713	847	850
12	1821	489	469	452	411	1883	496	466	476	376	3704	979	929	928	668
13	1532	384	413	361	370	1693	462	315	498	418	3225	846	828	763	788
14	1352	385	351	391	325	1539	442	343	489	360	2891	777	699	720	695
15	1582	370	376	367	253	1499	380	360	386	373	3081	758	736	753	636
16	2049	506	467	571	505	1439	391	341	371	336	3488	897	808	912	841
17	2368	305	322	303	335	1583	471	377	341	394	3951	1074	949	917	973
18	1748	538	472	396	342	1272	360	317	344	251	3020	898	789	795	603
19	1100	339	277	279	245	913	262	226	226	200	2013	592	502	505	464
20	805	229	207	171	192	710	197	145	158	162	1515	406	422	343	341
21	667	173	190	147	155	657	157	171	163	166	1324	382	361	310	321
22	492	120	133	125	114	545	138	143	131	123	1037	263	276	256	237
23	422	112	112	105	93	437	120	105	123	89	859	232	217	228	182
	24494	Total				23075	Total				47569	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1815
 AM Peak Hour Factor 90.39%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2368
 PM Peak Hour Factor 97.69%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2100
 AM Peak Hour Factor 85.23%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 1883
 PM Peak Hour Factor 96.07%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3669
 AM Peak Hour Factor 91.45%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 3951
 PM Peak Hour Factor 91.80%

Study Type Volume (ch1 & ch2)
 Location Code 00000000820
 Date 09/25/2002
 Real Time 17:38
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000320

SPRING VALLEY RD - EAST OF MIDWAY - CH.1=WB 2=EB

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	179	42	25	79	33	75	20	22	19	14	254	62	47	98	47
01	54	22	9	12	11	43	11	7	16	9	97	33	16	28	20
02	42	14	10	14	4	58	9	23	9	17	100	23	33	23	21
03	44	8	9	15	12	37	1	14	8	14	81	9	23	23	26
04	65	10	15	19	21	79	10	15	26	28	144	20	30	45	49
05	145	15	38	37	55	227	25	39	54	109	372	40	77	91	164
06	329	60	69	69	131	659	62	124	199	274	988	122	193	268	405
07	924	168	195	297	264	1175	204	249	324	398	2099	372	444	621	662
08	728	139	168	165	206	1238	336	339	288	275	1966	525	507	453	481
09	595	165	130	133	167	810	229	175	184	222	1405	394	305	317	389
10	608	162	145	144	157	672	168	167	183	154	1280	330	312	327	311
11	887	198	190	256	243	928	207	248	225	248	1815	405	438	481	491
12	982	218	250	231	269	1060	260	255	257	292	2042	508	501	488	515
13	875	216	207	191	261	1063	280	255	267	244	1938	526	462	473	472
14	922	209	187	264	266	893	219	204	228	215	1815	458	388	489	480
15	1114	280	251	334	298	1105	219	229	299	328	2219	490	480	586	626
16	1086	241	260	297	288	1111	215	261	330	275	2197	485	521	627	563
17	1429	321	355	365	388	1267	255	271	355	329	2696	622	645	727	803
18	1017	281	284	230	244	967	260	254	229	224	1984	540	538	467	438
19	627	225	158	174	190	647	172	116	191	198	1274	397	307	415	459
20	442	130	112	102	98	437	122	124	107	83	879	252	236	209	182
21	377	110	105	88	74	325	102	75	74	76	702	212	181	162	137
22	291	114	70	60	47	257	84	70	53	40	548	203	140	119	87
23	132	51	34	27	20	140	53	38	19	30	272	104	72	46	50
	13894	Total				15273	Total				29167	Total			

Channel 1

AM Peak Hour Start 7:15
 AM Peak Hour Total 945
 AM Peak Hour Factor 79.55%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1429
 PM Peak Hour Factor 97.88%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1397
 AM Peak Hour Factor 87.75%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1267
 PM Peak Hour Factor 88.23%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2315
 AM Peak Hour Factor 87.42%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2696
 PM Peak Hour Factor 93.09%

Proton to Beltway #56 Channel 1=NB 2=SB
 Study Type Volume (ch1 & ch2)
 Location Code 00000000380
 Date 09/11/2002
 Real Time 21:35
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Friday, September 13, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	134	40	39	32	23	197	64	49	45	39	331	104	88	77	62
01	90	24	18	25	23	129	34	33	31	31	219	58	51	56	54
02	93	21	33	24	15	132	43	41	21	27	225	64	74	45	42
03	80	18	27	19	16	80	18	17	16	29	160	36	44	35	45
04	84	9	23	26	26	97	20	31	26	20	181	29	54	52	46
05	259	40	44	77	98	204	31	38	57	78	463	71	82	134	176
06	808	133	188	255	232	700	78	134	230	258	1508	211	322	485	490
07	1401	297	290	391	423	2056	368	467	545	578	3457	665	757	884	901
08	1394	360	392	345	297	1915	460	529	503	423	3309	820	921	848	720
09	1225	316	304	289	316	1261	388	264	295	314	2486	704	568	584	630
10	1146	272	243	299	332	1110	292	254	289	275	2256	564	497	588	607
11	1964	374	500	552	538	1303	295	276	345	387	3267	669	776	897	925
12	2016	571	574	503	438	2106	416	558	591	514	4122	987	1027	1096	1042
13	1631	426	440	388	322	2077	523	332	509	513	3708	949	972	892	895
14	1413	355	369	332	356	1665	456	342	414	448	3078	811	746	747	804
15	1653	392	384	390	437	1543	415	400	354	373	3196	808	784	744	860
16	2142	538	473	670	529	1480	393	343	382	357	3622	924	821	992	886
17	2564	611	511	632	650	1628	452	372	489	443	4192	1033	985	1121	1164
18	1815	351	492	492	319	1372	389	321	380	288	3187	934	810	812	677
19	1127	297	293	276	254	1179	282	302	290	300	2306	584	600	568	554
20	811	246	221	188	137	1022	266	310	247	229	1833	434	531	405	433
21	661	158	203	144	156	938	220	255	224	239	1599	373	458	368	395
22	468	128	126	114	105	669	185	165	173	149	1137	308	291	292	246
23	417	118	112	103	84	553	148	117	170	118	970	266	229	273	202
	25396	Total				25416	Total				50812	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1964
 AM Peak Hour Factor 88.95%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2564
 PM Peak Hour Factor 95.53%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2210
 AM Peak Hour Factor 85.93%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 2232
 PM Peak Hour Factor 94.10%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3776
 AM Peak Hour Factor 91.30%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 4192
 PM Peak Hour Factor 93.32%

Study Type Volume (ch1 & 2-way) PROTON DR - AZURE TO MIDWAY - CH.1=WB 2=EB
 Location Code 000000000650
 Date 09/23/2002
 Real Time 17:15
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000080

Tuesday, September 24, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	9	0	2	3	4	15	2	5	5	3	24	2	7	8	7
01	3	1	0	0	2	1	1	0	0	0	4	2	0	0	2
02	3	2	0	0	1	1	1	0	0	0	4	3	0	0	1
03	1	0	0	0	1	3	1	0	0	2	4	1	0	0	3
04	4	1	3	0	0	8	1	1	1	5	12	2	4	1	5
05	2	1	0	0	1	14	1	6	5	2	16	2	6	5	3
06	13	0	2	2	9	69	4	15	24	26	82	4	17	26	35
07	46	17	7	11	11	266	39	57	90	30	312	56	64	101	91
08	76	24	9	26	17	287	38	74	71	58	363	57	79	97	75
09	76	14	18	12	32	120	41	32	26	21	196	55	50	38	53
10	64	10	15	15	24	65	16	20	15	14	129	26	35	30	38
11	119	27	23	34	36	83	28	18	15	22	202	55	40	49	68
12	123	30	12	30	24	108	26	24	21	35	231	58	66	54	56
13	109	30	24	9	26	104	28	21	25	30	213	58	55	44	56
14	84	21	15	22	28	85	26	22	21	16	169	47	36	43	46
15	138	30	36	35	37	97	16	22	24	35	235	46	58	69	72
16	219	38	43	48	50	104	38	19	26	27	323	40	56	74	32
17	309	33	36	36	36	110	19	29	9	24	419	107	47	41	35
18	239	37	40	52	10	141	15	37	37	22	380	2	107	66	62
19	166	39	42	32	33	77	20	24	21	15	243	79	39	53	48
20	149	41	39	45	29	30	11	13	2	4	179	55	25	17	18
21	108	23	34	31	10	29	8	5	7	10	137	31	43	38	20
22	82	27	32	14	9	8	4	1	2	4	90	11	38	16	10
23	34	9	6	13	6	12	2	7	2	1	46	14	13	15	7
	2176	Total				1837	Total				4013	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 119
 AM Peak Hour Factor 82.64%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 309
 PM Peak Hour Factor 87.78%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 328
 AM Peak Hour Factor 91.11%
 PM Peak Hour Start 17:30
 AM Peak Hour Total 144
 PM Peak Hour Factor 80.00%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 363
 AM Peak Hour Factor 85.49%
 PM Peak Hour Start 17:15
 AM Peak Hour Total 424
 PM Peak Hour Factor 94.64%

Proton to Beltway #56 Channel 1=NB 2=SB
 Study Type Volume (ch1 & ch2)
 Location Code 00000000380
 Date 09/11/2002
 Real Time 21:35
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Friday, September 13, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	134	40	39	32	23	197	64	49	45	39	331	104	88	77	62
01	90	24	18	25	23	129	34	33	31	31	219	58	51	56	54
02	93	21	33	24	15	132	43	41	21	27	225	64	74	45	42
03	80	18	27	19	16	80	18	17	16	29	160	36	44	35	45
04	84	9	23	26	26	97	20	31	26	20	181	29	54	52	46
05	259	40	44	77	98	204	31	38	57	78	463	71	82	134	176
06	808	133	188	255	232	700	78	134	230	258	1508	211	322	485	490
07	1401	297	290	391	423	2056	368	467	573	778	3457	665	757	1087	1001
08	1394	360	392	345	297	1915	160	529	503	423	3309	626	971	848	720
09	1225	316	304	289	316	1261	388	264	295	314	2486	704	568	584	630
10	1146	272	243	299	332	1110	292	254	289	275	2256	564	497	588	607
11	1964	373	500	552	538	1303	295	276	345	387	3267	669	776	897	925
12	2016	371	514	583	428	2106	316	513	577	524	4122	687	1027	1096	1042
13	1631	326	440	383	382	2077	325	387	509	513	3708	649	972	892	895
14	1413	355	369	333	356	1665	456	337	314	448	3078	811	616	747	804
15	1653	392	384	398	487	1543	416	400	354	373	3196	808	784	744	860
16	2142	530	473	610	529	1480	393	348	382	357	3622	923	821	992	886
17	2564	571	611	835	747	1628	452	374	389	413	4192	1053	908	1024	1043
18	1815	551	493	482	339	1372	399	321	380	288	3187	934	814	812	677
19	1127	297	298	278	254	1179	287	304	290	300	2306	584	600	568	551
20	811	218	224	188	184	1022	265	310	247	229	1833	484	554	405	416
21	661	158	207	144	156	938	220	255	224	239	1599	378	458	368	395
22	468	123	126	144	105	669	135	165	153	111	1137	308	291	292	246
23	417	118	142	103	84	553	148	107	100	118	970	266	229	273	202
	25396	Total				25416	Total				50812	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1964
 AM Peak Hour Factor 88.95%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2564
 PM Peak Hour Factor 95.53%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2210
 AM Peak Hour Factor 85.93%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 2232
 PM Peak Hour Factor 94.10%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3776
 AM Peak Hour Factor 91.30%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 4192
 PM Peak Hour Factor 93.32%

Site Name BELTWAY DR - SURVEYOR TO MIDWAY CH.1=EB 2=WB
 Jurisdiction ADDISON, TX
 Study Type Volume (ch1 & 2-way)
 Location Code 25
 Direction None
 Date 09/09/2002
 Real Time 19:26
 Start Date 09/10/2002
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 1

Tuesday, September 10, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	10	5	0	2	3	16	3	3	9	1	26	8	3	11	4
01	1	0	0	0	1	5	1	2	1	1	6	1	2	1	2
02	4	0	2	2	0	8	2	5	1	0	12	2	7	3	0
03	3	0	0	1	2	2	1	1	0	0	5	1	1	1	2
04	4	0	2	1	1	3	1	1	1	0	7	1	3	2	1
05	16	1	1	6	8	10	3	0	1	6	26	4	1	7	14
06	61	9	4	21	27	25	4	6	7	8	86	13	10	28	35
07	239	44	45	75	75	64	13	19	13	19	303	57	64	88	94
08	241	65	47	68	61	102	31	21	26	24	343	96	68	97	85
09	126	37	29	27	33	62	19	14	16	13	188	56	43	43	46
10	101	29	23	21	28	86	14	31	21	20	187	43	54	42	48
11	151	45	27	36	43	137	35	27	37	38	288	80	54	73	81
12	171	35	45	40	51	213	67	45	54	73	384	102	90	94	99
13	162	43	43	40	36	156	30	42	37	35	318	33	65	77	61
14	133	39	37	28	29	126	38	26	34	28	259	77	69	62	37
15	111	24	29	20	28	126	38	20	40	34	237	37	49	69	62
16	135	27	37	44	27	176	19	42	53	37	311	27	79	97	67
17	196	22	24	24	27	298	51	51	40	36	494	128	105	81	74
18	167	30	35	30	32	225	64	78	40	48	392	105	103	90	79
19	116	33	20	30	33	132	35	35	34	30	248	69	59	64	68
20	46	19	13	9	11	113	10	27	30	19	159	53	37	39	30
21	34	12	6	6	10	96	25	31	23	17	130	37	37	20	27
22	29	10	10	5	4	49	10	13	12	5	78	29	23	17	9
23	17	6	9	1	1	26	7	3	2	3	43	17	12	3	6
	2274 Total					2256 Total					4530 Total				

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 262
 AM Peak Hour Factor 87.33 %
 PM Peak Hour Start 17:00
 PM Peak Hour Total 196
 PM Peak Hour Factor 90.74 %

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 137
 AM Peak Hour Factor 90.13 %
 PM Peak Hour Start 17:00
 PM Peak Hour Total 298
 PM Peak Hour Factor 93.13 %

Channel 1 + 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 352
 AM Peak Hour Factor 91.67 %

Bellline to Lindbergh #54 Channel 1=NB 2=SB
 Study Type Volume (ch1 & ch2)
 Location Code 000000000500
 Date 09/11/2002
 Real Time 21:27
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Friday, September 13, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	203	60	60	49	34	135	48	29	31	27	338	108	89	80	61
01	109	30	19	34	26	77	22	13	19	23	186	52	32	53	49
02	138	53	36	28	21	57	13	19	14	11	195	66	55	42	32
03	90	25	32	20	13	46	12	12	10	12	136	37	44	30	25
04	74	14	14	28	18	79	14	23	22	20	153	28	37	50	38
05	252	32	45	76	99	203	26	29	61	87	455	58	74	137	186
06	789	122	173	253	241	742	92	140	235	275	1531	214	313	488	516
07	1263	242	297	359	365	1733	376	422	520	515	2996	618	719	879	780
08	1283	366	387	241	296	1658	433	443	397	385	2941	799	824	638	681
09	994	253	266	252	223	1067	276	264	278	249	2061	529	530	530	472
10	978	234	227	247	270	953	228	238	228	259	1931	462	465	475	529
11	1342	300	356	336	350	1297	299	299	368	331	2639	599	655	704	681
12	1660	412	437	419	412	1395	404	349	344	304	3055	816	760	763	716
13	1672	456	410	369	417	1313	374	303	332	300	2985	824	613	721	717
14	1445	378	323	343	400	1234	332	278	316	313	2679	705	596	665	713
15	1599	379	399	490	497	1263	313	264	372	314	2862	692	668	762	745
16	2136	466	510	544	539	1240	285	303	355	332	3376	751	813	886	924
17	2322	589	577	541	546	1483	511	462	464	417	3805	952	886	874	830
18	1801	526	515	482	498	1090	289	321	261	249	2891	675	686	623	637
19	1022	295	251	210	266	814	229	212	191	182	1836	524	463	404	448
20	905	219	231	241	214	595	199	142	139	113	1500	218	376	350	326
21	760	195	133	199	133	479	115	140	116	108	1239	310	323	316	294
22	578	167	153	135	123	382	118	86	100	88	960	275	239	235	211
23	458	136	104	90	94	253	69	75	63	66	711	182	176	193	160
	23873	Total				19588	Total				43461	Total			

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 1470
 AM Peak Hour Factor 96.71%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 2408
 PM Peak Hour Factor 95.71%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1811
 AM Peak Hour Factor 87.07%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1483
 PM Peak Hour Factor 81.84%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3281
 AM Peak Hour Factor 93.32%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 3836
 PM Peak Hour Factor 91.16%

Site Name LINDBERGH DR - MIDWAY TO ADDISON CH.1=WB 2=EB
 Jurisdiction ADDISON, TX
 Study Type Volume (ch1 & 2-way)
 Location Code 45
 Direction None
 Date 09/09/2002
 Real Time 22:37
 Start Date 09/10/2002
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 31

Tuesday, September 10, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	7	5	0	1	1	4	0	2	2	0	11	5	2	3	1
01	5	1	1	3	0	3	2	1	0	0	8	3	2	3	0
02	4	2	0	0	2	4	0	0	3	1	8	2	0	3	3
03	0	0	0	0	0	4	2	0	1	1	4	2	0	1	1
04	7	0	0	1	6	2	0	1	0	1	9	0	1	1	7
05	31	0	5	15	11	19	0	4	5	10	50	0	9	20	21
06	128	18	26	31	53	110	14	25	26	45	238	32	51	57	98
07	274	45	66	64	99	339	63	83	70	128	613	108	149	134	228
08	321	99	80	60	62	397	102	122	78	100	718	201	202	58	162
09	166	43	37	40	46	206	56	60	35	55	372	99	97	75	101
10	159	32	39	41	47	154	42	34	37	41	313	74	73	78	88
11	266	56	78	59	73	311	63	87	87	74	577	119	165	146	147
12	306	90	74	64	78	328	85	72	84	86	634	176	170	148	164
13	238	81	55	44	58	300	55	69	63	64	538	158	123	127	122
14	197	54	44	58	41	240	35	32	70	59	437	109	106	26	34
15	179	49	50	44	36	277	73	51	62	70	456	122	107	63	110
16	294	38	78	76	37	357	74	50	10	20	651	135	123	86	207
17	361	71	94	82	72	467	113	74	26	30	828	241	244	212	162
18	196	69	53	40	34	317	113	74	72	59	513	187	127	122	87
19	111	30	38	20	23	139	39	45	24	31	250	76	79	44	54
20	89	18	36	20	20	91	30	27	16	19	180	48	58	36	38
21	72	18	20	17	17	64	27	8	16	13	136	45	28	33	30
22	30	9	3	7	6	23	6	10	4	7	53	15	18	11	19
23	15	5	3	4	3	11	4	2	2	3	26	9	3	6	6
	3456 Total					4167 Total					7623 Total				

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 358
 AM Peak Hour Factor 90.40 %
 PM Peak Hour Start 16:45
 PM Peak Hour Total 376
 PM Peak Hour Factor 88.68 %

Channel 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 420
 AM Peak Hour Factor 85.37 %
 PM Peak Hour Start 16:45
 PM Peak Hour Total 497
 PM Peak Hour Factor 92.72 %

Channel 1 + 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 778
 AM Peak Hour Factor 87.61 %

Study Type Volume (ch1 & ch2) MARSH - NORTH OF BELT LINE - CH.1=NB 2=SB
 Location Code 000000000500
 Date 09/25/2002
 Real Time 16:33
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000060

Thursday, September 26, 2002

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	160	51	36	45	28	117	47	32	23	15	277	98	68	68	43
01	97	31	22	19	25	58	17	13	13	15	155	48	35	32	40
02	90	39	21	13	17	43	11	11	9	12	133	50	32	22	29
03	24	10	6	5	3	44	10	12	11	11	68	20	18	16	14
04	57	13	11	17	16	86	13	22	19	32	143	26	33	36	48
05	153	23	19	45	66	284	31	54	101	98	437	54	73	146	164
06	446	65	80	126	175	1000	141	208	289	362	1446	206	288	415	537
07	858	140	191	258	269	3072	462	692	280	688	3930	602	881	1538	907
08	842	226	213	185	218	2890	605	570	1201	514	3732	631	783	1386	732
09	659	166	184	150	159	1753	541	415	521	276	2412	707	599	671	435
10	759	176	175	206	202	1727	294	450	565	418	2486	470	625	771	620
11	995	215	285	242	103	1458	422	388	343	305	2453	637	623	585	608
12	1169	302	260	255	324	1111	321	272	265	253	2280	623	532	548	577
13	1063	260	263	272	263	1073	330	267	245	312	2136	590	530	517	499
14	1127	276	265	290	327	971	295	228	274	230	2098	475	498	573	557
15	1180	297	284	290	309	1009	275	262	257	255	2189	512	536	547	564
16	1796	363	220	490	623	1072	276	247	302	267	2868	619	667	792	590
17	2452	520	415	534	584	1348	462	339	403	344	3800	1022	872	1223	832
18	1855	558	493	407	396	1177	385	307	292	273	3032	860	801	699	669
19	1216	380	286	238	232	885	270	224	209	182	2101	660	510	497	443
20	1023	267	257	280	219	646	191	155	164	138	1669	458	412	434	355
21	865	230	207	214	215	474	137	121	123	85	1339	367	335	337	300
22	559	177	152	125	105	365	90	96	87	83	924	276	248	212	188
23	332	109	90	75	58	215	62	54	40	42	547	191	141	115	100
	19777	Total				22878	Total				42655	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 995
 AM Peak Hour Factor 82.10%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2452
 PM Peak Hour Factor 96.69%

Channel 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 3215
 AM Peak Hour Factor 62.79%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1348
 PM Peak Hour Factor 83.83%

Channel 1 + 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 4159
 AM Peak Hour Factor 67.60%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 3800
 PM Peak Hour Factor 92.95%

Site Name Realty (Arapaho) @ Marsh WB approach
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 46
 Direction None
 Date 05/20/2003
 Real Time 23:26
 Start Date 05/21/2003
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 46

Wednesday, May 21, 2003

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	18	8	6	2	2										
01	6	2	0	2	2										
02	2	0	2	0	0										
03	3	0	1	2	0										
04	12	4	3	2	3										
05	0	0	0	0	0										
06	21	0	4	4	13										
07	60	12	10	19	19										
08	89	21	30	17	21										
09	82	23	15	27	17										
10	91	21	29	17	24										
11	133	21	20	25	29										
12	177	30	33	45	39										
13	189	33	38	50	49										
14	188	30	36	48	47										
15	289	40	52	70	67										
16	514	90	82	97	155										
17	968	176	169	170	244										
18	510	100	88	99	123										
19	303	48	50	69	56										
20	231	35	41	48	47										
21	170	24	22	35	30										
22	122	18	14	25	15										
23	30	3	4	5	3										
	4208	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 133
 AM Peak Hour Factor 77.33 %
 PM Peak Hour Start 17:00
 PM Peak Hour Total 968
 PM Peak Hour Factor 85.82 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Study Type Volume (ch1 & ch2)
 Location Code 00000000810
 Date 09/25/2002
 Real Time 17:22
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000080

SPRING VALLEY - BROOKHAVEN CLUB TO MIDWAY - CH.1=WB 2=EB

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	136	38	33	35	30	69	21	14	17	17	205	59	47	52	47
01	50	10	18	9	13	33	10	7	11	5	83	20	25	20	18
02	50	26	10	8	6	31	9	10	7	5	81	35	20	15	11
03	29	10	7	6	6	19	1	3	10	5	48	11	10	16	11
04	31	7	4	9	11	45	8	7	12	18	76	15	11	21	29
05	79	8	17	19	35	152	24	20	38	70	231	32	37	57	105
06	191	36	40	45	70	477	66	99	128	184	668	102	139	173	254
07	631	88	107	133	245	1240	181	248	277	494	1871	269	355	560	894
08	392	103	86	98	105	1185	132	174	290	249	1577	135	190	388	354
09	339	96	87	75	81	619	197	135	138	149	958	293	222	213	230
10	387	101	84	92	110	450	115	105	108	122	837	216	189	200	232
11	544	120	115	153	156	572	140	132	128	172	1116	260	247	281	328
12	676	176	166	169	174	709	161	177	185	186	1385	337	313	318	357
13	593	142	124	146	161	681	192	170	169	150	1274	354	314	315	311
14	736	163	163	211	198	566	156	123	157	130	1302	319	287	368	328
15	866	198	203	233	227	744	187	153	220	184	1610	385	361	453	411
16	1001	224	211	292	274	763	178	159	217	199	1764	402	380	509	478
17	1486	310	213	353	310	882	191	211	265	152	2368	522	557	689	625
18	981	260	281	222	215	759	145	206	188	164	1740	454	467	410	379
19	645	194	149	157	145	535	140	104	159	182	1180	334	259	316	276
20	476	124	128	117	107	406	105	109	85	76	882	239	237	202	184
21	408	110	116	89	93	316	88	77	76	75	724	198	193	165	168
22	334	98	91	80	65	266	97	65	57	47	600	195	156	137	112
23	189	67	72	48	30	109	45	21	19	24	298	112	69	67	54
	11250	Total				11628	Total				22878	Total			

Channel 1

AM Peak Hour Start 7:15
 AM Peak Hour Total 646
 AM Peak Hour Factor 69.31%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1486
 PM Peak Hour Factor 88.45%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1457
 AM Peak Hour Factor 75.26%
 PM Peak Hour Start 17:15
 AM Peak Hour Total 895
 PM Peak Hour Factor 88.79%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2082
 AM Peak Hour Factor 75.76%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2368
 PM Peak Hour Factor 93.52%

Site Name Spring Valley @ Greenhill School entrance SB approach
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 42
 Direction None
 Date 05/20/2003
 Real Time 22:24
 Start Date 05/21/2003
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 42

Wednesday, May 21, 2003

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0										
01	0	0	0	0	0										
02	0	0	0	0	0										
03	0	0	0	0	0										
04	0	0	0	0	0										
05	2	0	2	0	0										
06	4	0	2	0	2										
07	498	8	160	160	238										
08	156	13	13	38	24										
09	114	29	23	23	39										
10	138	14	32	61	31										
11	113	39	16	22	36										
12	47	22	2	12	9										
13	31	6	3	7	10										
14	184	40	24	48	48										
15	470	13	7	12	42										
16	172	37	0	35	40										
17	165	34	30	70	30										
18	32	22	0	0	10										
19	9	0	0	2	2										
20	2	0	0	0	0										
21	2	0	0	0	0										
22	4	0	0	0	0										
23	0	0	0	0	0										
	2143	Total					Total					Total			

Channel 1

AM Peak Hour Start 07:15
 AM Peak Hour Total 571
 AM Peak Hour Factor 50.98 %
 PM Peak Hour Start 15:00
 PM Peak Hour Total 470
 PM Peak Hour Factor 68.31 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Site Name Addison Rd NB between Lindbergh & Arapaho
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 31
 Direction None
 Date 05/21/2003
 Real Time 00:07
 Start Date 05/21/2003
 Start Time 01:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 31

Thursday, May 22, 2003

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	57	12	13	24	8										
01	32	10	9	5	8										
02	17	3	9	2	3										
03	17	5	6	4	2										
04	28	4	6	9	9										
05	76	9	12	20	35										
06	303	38	51	81	133										
07	674	128	133	186	227										
08	658	163	169	173	152										
09	505	131	132	102	140										
10	463	117	120	92	134										
11	570	114	141	149	166										
12	825	177	199	226	223										
13	799	205	217	190	187										
14	667	172	182	166	147										
15	657	188	157	163	149										
16	934	195	182	256	301										
17	1318	313	313	331	361										
18	942	330	242	192	178										
19	536	135	134	130	130										
20	464	117	116	139	92										
21	341	91	99	75	85										
22	226	63	50	38	35										
23	135	41	50	29	15										
	11244	Total				Total					Total				

Channel 1

AM Peak Hour Start 07:30
 AM Peak Hour Total 746
 AM Peak Hour Factor 82.16 %
 PM Peak Hour Start 17:00
 PM Peak Hour Total 1318
 PM Peak Hour Factor 97.20 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Site Name Addison Rd SB between Lindbergh & Arapaho
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 30
 Direction None
 Date 05/21/2003
 Real Time 00:15
 Start Date 05/21/2003
 Start Time 01:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 30

Thursday, May 22, 2003

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	54	24	15	5	10										
01	26	7	12	4	3										
02	23	8	7	6	2										
03	15	5	6	3	1										
04	23	4	5	5	9										
05	75	9	19	15	32										
06	323	43	57	85	138										
07	1027	162	244	286	335										
08	1175	153	222	279	221										
09	606	181	146	140	139										
10	509	123	123	117	146										
11	854	168	219	222	245										
12	836	238	196	218	185										
13	725	208	172	169	176										
14	674	184	138	170	162										
15	751	194	170	211	176										
16	817	197	170	210	240										
17	1136	154	256	256	222										
18	668	207	169	175	121										
19	496	148	135	109	104										
20	360	83	98	87	92										
21	289	80	57	62	80										
22	210	61	48	51	50										
23	121	39	31	18	33										
	11793 Total					Total					Total				

Channel 1

AM Peak Hour Start 07:30
 AM Peak Hour Total 1296
 AM Peak Hour Factor 91.78 %
 PM Peak Hour Start 17:00
 PM Peak Hour Total 1136
 PM Peak Hour Factor 78.02 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Study Type Volume (ch1 & ch2) ARAPAHO - ADDISON TO QUORUM CH.1=EB 2=WB
 Location Code 00000000120
 Date 09/11/2002
 Real Time 18:50
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000008

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	19	4	9	5	1	27	8	7	8	4	46	12	16	13	5
01	19	3	4	8	4	11	3	1	2	5	30	6	5	10	9
02	18	6	6	2	4	14	5	3	3	3	32	11	9	5	7
03	4	1	0	0	3	2	0	1	0	1	6	1	1	0	4
04	3	1	0	1	1	9	0	1	3	5	12	1	1	4	6
05	21	2	5	2	12	45	1	11	10	23	66	3	16	12	35
06	73	11	16	16	30	189	27	39	56	67	262	38	55	72	97
07	193	36	44	54	59	499	78	92	138	171	692	114	156	192	240
08	268	68	74	68	58	516	138	111	134	118	784	224	185	202	176
09	164	53	39	40	32	266	74	64	49	79	430	127	103	89	111
10	130	34	29	31	36	222	53	72	44	53	352	87	101	75	89
11	165	34	38	37	56	308	66	67	82	93	473	100	105	119	149
12	239	61	67	62	59	360	92	85	104	91	599	175	152	166	138
13	263	87	58	62	59	351	73	97	95	86	614	160	152	97	115
14	246	63	68	67	60	271	47	77	72	57	517	130	133	99	135
15	254	67	50	76	73	253	58	68	77	50	507	113	119	153	120
16	376	99	68	101	118	342	62	87	84	109	718	151	155	185	227
17	573	131	125	125	192	506	71	127	121	181	1079	274	268	258	441
18	342	119	104	151	168	340	99	97	74	70	682	218	201	122	121
19	175	72	74	91	38	216	60	55	45	38	391	112	89	76	94
20	117	39	29	26	35	129	36	25	40	28	246	66	51	68	55
21	81	28	20	23	10	101	38	25	21	14	182	66	45	47	24
22	60	19	13	18	10	70	19	25	10	16	130	38	38	28	26
23	40	15	23	6	14	44	18	9	4	9	84	28	18	20	23
	3843	Total				5091	Total				8934	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 269
 AM Peak Hour Factor 90.88%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 573
 PM Peak Hour Factor 82.33%

Channel 2

AM Peak Hour Start 7:15
 AM Peak Hour Total 574
 AM Peak Hour Factor 83.92%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 506
 PM Peak Hour Factor 94.40%

Channel 1 + 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 838
 AM Peak Hour Factor 91.09%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1079
 PM Peak Hour Factor 89.62%

Study Type Volume (ch1)
 Location Code 000000000030
 Date 10/02/2002
 Real Time 17:11
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000470

ADDISON RD - ARAPAHO TO ADDISON CIR - NORTHBOUND

Thursday, October 03, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	60	29	10	10	11										
01	59	14	9	20	16										
02	38	10	8	12	8										
03	23	10	6	3	4										
04	35	8	5	13	9										
05	109	7	14	21	67										
06	326	42	80	80	124										
07	789	136	169	222	262										
08	863	253	234	194	182										
09	573	175	128	133	137										
10	506	108	102	137	159										
11	751	171	197	171	212										
12	1028	225	261	257	285										
13	974	232	271	265	206										
14	813	207	209	186	209										
15	851	199	223	187	222										
16	1298	272	262	373	391										
17	1845	405	351	315	374										
18	1387	377	367	322	281										
19	697	209	175	140	173										
20	477	143	103	114	101										
21	430	133	117	93	87										
22	201	62	64	34	41										
23	144	36	40	37	31										
	14277	Total					Total					Total			

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 971
 AM Peak Hour Factor 92.65%
 PM Peak Hour Start 17:15
 AM Peak Hour Total 1897
 PM Peak Hour Factor 93.73%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Study Type Volume (ch1)
 Location Code 000000000030
 Date 10/02/2002
 Real Time 17:09
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000390

ADDISON RD - ARAPAHO TO ADDISON CIR - SOUTHBOUND

Thursday, October 03, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	45	20	9	8	8										
01	33	4	10	8	11										
02	14	7	3	3	1										
03	13	4	7	1	1										
04	22	2	5	2	13										
05	91	14	14	32	31										
06	325	50	63	84	128										
07	1238	185	297	330	426										
08	1360	236	374	292	298										
09	815	242	207	208	158										
10	742	188	166	177	211										
11	951	195	268	224	264										
12	953	244	238	238	236										
13	802	216	180	231	175										
14	681	191	167	155	168										
15	761	191	207	186	169										
16	835	212	175	220	228										
17	1180	251	374	300	255										
18	719	239	203	134	135										
19	407	134	88	109	76										
20	287	88	86	64	59										
21	225	66	67	52	46										
22	156	40	58	25	33										
23	107	37	27	30	13										
	12762	Total				Total					Total				

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 1526
 AM Peak Hour Factor 92.37%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1180
 PM Peak Hour Factor 75.64%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Site Name LINDBERGH DR - MIDWAY TO ADDISON CH.1=WB 2=EB
 Jurisdiction ADDISON, TX
 Study Type Volume (ch1 & 2-way)
 Location Code 45
 Direction None
 Date 09/09/2002
 Real Time 22:37
 Start Date 09/10/2002
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 31

Tuesday, September 10, 2002

HR	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2 *				
	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00
00	7	5	0	1	1	4	0	2	2	0	11	5	2	3	1
01	5	1	1	3	0	3	2	1	0	0	8	3	2	3	0
02	4	2	0	0	2	4	0	0	3	1	8	2	0	3	3
03	0	0	0	0	0	4	2	0	1	1	4	2	0	1	-1
04	7	0	0	1	6	2	0	1	0	1	9	0	1	1	7
05	31	0	5	15	11	19	0	4	5	10	50	0	9	20	21
06	128	18	26	31	53	110	14	25	26	45	238	32	51	57	98
07	274	45	66	64	99	339	63	83	70	123	613	108	149	134	222
08	321	99	90	80	62	397	102	72	73	100	718	201	202	153	162
09	166	43	37	40	46	206	56	60	35	55	372	99	97	75	101
10	159	32	39	41	47	154	42	34	37	41	313	74	73	78	88
11	266	56	78	59	73	311	63	87	87	74	577	119	165	146	147
12	306	60	74	64	78	328	66	72	81	96	634	116	146	148	164
13	238	61	65	54	58	300	65	68	63	64	538	166	123	127	122
14	197	54	44	58	41	240	56	62	40	58	437	109	106	126	94
15	179	49	50	47	39	277	63	61	62	71	456	122	101	128	110
16	294	58	76	65	97	357	72	80	100	75	651	165	126	166	157
17	361	75	97	92	72	467	74	95	71	90	828	241	211	211	162
18	196	69	58	40	34	317	118	74	72	53	513	187	127	112	87
19	111	40	38	26	28	139	43	42	24	31	250	76	79	51	54
20	89	33	31	20	20	91	30	29	16	18	180	48	58	36	38
21	72	38	20	17	17	64	27	23	16	18	136	45	28	38	30
22	30	19	8	7	16	23	6	10	4	9	53	15	18	11	13
23	15	5	9	4	3	11	4	2	2	3	26	9	5	6	6
	3456	Total				4167	Total				7623	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 358
 AM Peak Hour Factor 90.40 %
 PM Peak Hour Start 16:45
 PM Peak Hour Total 376
 PM Peak Hour Factor 88.68 %

Channel 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 420
 AM Peak Hour Factor 85.37 %
 PM Peak Hour Start 16:45
 PM Peak Hour Total 497
 PM Peak Hour Factor 92.72 %

Channel 1 + 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 778
 AM Peak Hour Factor 87.61 %

Airport Pkwy to Keller Springs #5 Channel 1=NB
 Study Type Volume (ch1)
 Location Code 000000000005
 Date 09/25/2002
 Real Time 21:31
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000034

Friday, September 27, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	39	14	10	11	4										
01	32	4	8	12	8										
02	28	7	9	8	4										
03	13	1	2	4	6										
04	23	5	1	7	10										
05	40	1	7	9	23										
06	201	25	44	51	81										
07	473	66	96	160	151										
08	541	144	149	131	117										
09	362	112	69	100	81										
10	409	89	102	98	120										
11	607	112	140	186	169										
12	781	208	173	199	201										
13	756	212	198	176	170										
14	639	158	158	172	151										
15	771	153	193	209	216										
16	1148	234	287	288	289										
17	1308	318	310	317	363										
18	800	268	224	150	158										
19	473	147	114	125	97										
20	325	95	72	74	79										
21	325	39	83	82	71										
22	233	64	50	53	66										
23	174	54	40	48	32										
	10501	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 607
 AM Peak Hour Factor 81.59%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1308
 PM Peak Hour Factor 94.24%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Airport Pkwy to Keller Springs #5 Channel 1=SB
 Study Type Volume (ch1)
 Location Code 000000000005
 Date 09/25/2002
 Real Time 21:30
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000041

Friday, September 27, 2002

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	45	21	11	9	4										
01	19	4	4	7	4										
02	24	15	3	1	5										
03	5	2	1	1	1										
04	22	7	8	3	4										
05	81	8	11	25	37										
06	376	45	68	101	162										
07	1075	148	251	310	366										
08	1179	147	172	299	240										
09	545	161	133	119	132										
10	525	148	116	130	131										
11	738	162	184	194	198										
12	827	133	138	139	117										
13	739	206	177	181	175										
14	594	167	163	122	142										
15	563	133	127	156	148										
16	689	138	173	163	195										
17	780	256	99	73	152										
18	485	127	119	116	138										
19	414	109	92	97	98										
20	283	78	62	69	74										
21	238	54	67	62	55										
22	198	75	62	36	49										
23	128	66	46	62	49										
	10572	Total				Total					Total				

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 1316
 AM Peak Hour Factor 89.89%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 827
 PM Peak Hour Factor 92.30%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Site Name AIRPORT PKWY - ADDISON TO QUORUM CH.1=EB 2=WB
 Jurisdiction ADDISON, TX
 Study Type Volume (ch1 & 2-way)
 Location Code 10
 Direction None
 Date 09/09/2002
 Real Time 20:08
 Start Date 09/10/2002
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 3

Tuesday, September 10, 2002

HR	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2 *				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	0	0	0	0	0	2	0	0	2	0	2	0	0	2	0
01	6	2	1	2	1	3	0	2	0	1	9	2	3	2	2
02	8	3	0	1	4	3	1	0	1	1	11	4	0	2	5
03	26	1	3	5	17	19	2	2	7	8	45	3	5	12	25
04	71	15	18	18	22	47	9	10	16	12	118	24	28	32	34
05	179	34	41	48	56	87	12	22	28	25	266	46	63	76	81
06	238	51	53	59	65	118	32	44	21	21	356	83	107	80	86
07	136	55	29	25	27	93	23	31	12	27	229	78	60	37	54
08	126	23	35	22	46	137	33	33	30	41	263	56	68	52	87
09	158	35	45	40	38	210	42	55	57	53	368	77	100	97	94
10	216	49	72	51	44	179	49	55	44	31	395	98	127	95	75
11	201	59	46	49	47	159	40	31	48	40	360	99	77	97	87
12	167	49	45	40	34	160	40	54	31	38	327	89	96	60	82
13	171	48	39	45	39	160	43	41	57	37	331	87	80	90	80
14	198	45	37	59	51	221	50	47	63	60	419	94	84	122	119
15	228	52	47	57	42	286	50	57	63	50	514	105	105	117	104
16	92	27	24	21	20	143	35	38	36	22	235	60	57	56	42
17	53	19	5	13	17	86	31	18	22	15	139	49	33	35	22
18	47	18	9	6	14	67	27	26	4	10	114	45	35	10	24
19	32	11	9	8	4	44	13	12	12	7	76	24	24	20	11
20	20	5	5	3	3	12	5	2	2	3	32	10	7	9	6
21	8	1	1	3	3	5	2	0	2	3	13	3	1	5	3
22	1	0	1	0	0	3	0	0	0	0	4	0	1	0	0
23	0	0	0	0	0	2	0	0	1	1	2	0	0	1	1
	2382	Total				2246	Total				4628	Total			

Channel 1

AM Peak Hour Start 6:15
 AM Peak Hour Total 242
 AM Peak Hour Factor 93.08 %
 PM Peak Hour Start 14:45
 PM Peak Hour Total 244
 PM Peak Hour Factor 87.14 %

Channel 2

AM Peak Hour Start 9:15
 AM Peak Hour Total 217
 AM Peak Hour Factor 95.18 %
 PM Peak Hour Start 15:00
 PM Peak Hour Total 286
 PM Peak Hour Factor 89.38 %

Channel 1 + 2

AM Peak Hour Start 9:30
 AM Peak Hour Total 416
 AM Peak Hour Factor 81.89 %

Airport Pkwy to Keller Springs #5 Channel 1=NB

Study Type Volume (ch1)
 Location Code 000000000005
 Date 09/25/2002
 Real Time 21:31
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000034

Friday, September 27, 2002

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	39	14	10	11	4										
01	32	4	8	12	8										
02	28	7	9	8	4										
03	13	1	2	4	6										
04	23	5	1	7	10										
05	40	1	7	9	23										
06	201	25	44	51	81										
07	473	66	98	160	151										
08	541	144	149	131	117										
09	362	112	69	100	81										
10	409	89	102	98	120										
11	607	112	110	166	169										
12	781	201	173	199	208										
13	756	212	198	176	170										
14	639	138	156	122	151										
15	771	158	191	209	203										
16	1148	264	267	288	289										
17	1308	318	316	277	313										
18	800	261	282	150	156										
19	473	117	104	125	97										
20	325	96	77	74	79										
21	325	89	88	62	71										
22	233	61	50	53	69										
23	174	54	40	48	32										
	10501	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 607
 AM Peak Hour Factor 81.59%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1308
 PM Peak Hour Factor 94.24%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Airport Pkwy to Keller Springs #5 Channel 1=SB
 Study Type Volume (ch1)
 Location Code 000000000005
 Date 09/25/2002
 Real Time 21:30
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000041

Friday, September 27, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	45	21	11	9	4										
01	19	4	4	7	4										
02	24	15	3	1	5										
03	5	2	1	1	1										
04	22	7	8	3	4										
05	81	8	11	25	37										
06	376	45	68	101	162										
07	1075	148	251	310	366										
08	1179	327	301	299	240										
09	545	161	133	119	132										
10	525	148	116	130	131										
11	738	162	184	194	198										
12	827	162	193	199	273										
13	739	206	177	161	175										
14	594	167	163	122	142										
15	563	135	127	155	146										
16	689	158	173	163	195										
17	780	256	199	173	152										
18	485	127	113	116	130										
19	414	109	125	117	93										
20	283	76	82	69	56										
21	238	64	67	62	45										
22	198	75	72	60	44										
23	128	46	51	32	19										
	10572 Total					Total					Total				

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 1316
 AM Peak Hour Factor 89.89%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 827
 PM Peak Hour Factor 92.30%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Study Type Volume (ch1)
 Location Code 000000000400
 Date 09/11/2002
 Real Time 18:23
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000003

KELLER SPRINGS - ADDISON TO LEDGEMONT - WESTBOUND

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	26	9	6	6	5										
01	14	4	4	4	2										
02	16	7	3	3	3										
03	7	2	1	2	2										
04	16	8	2	2	4										
05	60	4	8	20	28										
06	266	38	45	79	104										
07	572	108	103	169	192										
08	601	155	150	164	132										
09	424	119	118	96	91										
10	373	101	88	90	94										
11	491	102	120	122	147										
12	527	142	118	29	138										
13	490	125	128	113	124										
14	431	103	102	118	108										
15	415	105	97	114	99										
16	547	187	98	171	191										
17	756	215	94	146	191										
18	484	150	113	116	100										
19	261	89	76	54	42										
20	186	57	48	41	40										
21	163	48	37	43	32										
22	93	29	22	27	15										
23	61	21	15	18	9										
	7280	Total				Total					Total				

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 666
 AM Peak Hour Factor 86.72%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 756
 PM Peak Hour Factor 80.43%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Keller Springs to Westgrove #6 Channel 1=NB
 Study Type Volume (ch1)
 Location Code 00000000420
 Date 09/25/2002
 Real Time 22:03
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000042

Friday, September 27, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	43	18	8	10	7										
01	43	5	10	15	13										
02	36	11	12	9	4										
03	14	1	4	4	5										
04	26	4	3	6	13										
05	29	3	4	5	17										
06	209	22	49	53	85										
07	480	65	109	138	168										
08	480	126	129	109	116										
09	359	96	86	91	86										
10	421	102	115	95	109										
11	615	107	110	209	156										
12	732	201	170	165	196										
13	729	200	200	171	158										
14	571	156	133	147	124										
15	665	155	140	173	192										
16	973	232	221	267	253										
17	1187	258	295	307	327										
18	714	213	191	145	165										
19	451	136	106	110	99										
20	302	89	67	73	73										
21	291	82	76	73	60										
22	223	58	47	55	63										
23	150	51	34	43	20										
	9743	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 615
 AM Peak Hour Factor 73.56%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1187
 PM Peak Hour Factor 89.11%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Keller Springs to Westgrove #6 Channel 1=SB
 Study Type Volume (ch1)
 Location Code 000000000520
 Date 09/25/2002
 Real Time 22:02
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000052

Friday, September 27, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	30	14	6	7	3										
01	14	0	3	8	3										
02	23	12	5	2	4										
03	9	2	3	2	2										
04	16	2	6	2	6										
05	63	5	11	19	28										
06	327	38	59	79	151										
07	1015	132	216	308	359										
08	1117	310	305	285	217										
09	512	163	114	115	120										
10	462	140	104	113	105										
11	619	128	153	169	169										
12	766	126	95	81	84										
13	671	168	105	165	173										
14	509	148	129	113	119										
15	464	108	93	142	121										
16	601	126	126	145	104										
17	630	113	161	147	109										
18	394	136	97	98	63										
19	332	86	94	66	76										
20	245	66	53	54	67										
21	178	38	54	49	37										
22	172	63	45	31	33										
23	126	42	24	32	28										
	9295	Total				Total					Total				

Channel 1
 AM Peak Hour Start 7:30
 AM Peak Hour Total 1282
 AM Peak Hour Factor 89.28%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 766
 PM Peak Hour Factor 97.70%

Channel 2
 AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2
 AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Addison to Sunbelt #86 Channel 1=WB 2=EB
 Study Type Volume (ch1 & 2-way)
 Location Code 00000000490
 Date 09/09/2002
 Real Time 23:58
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Wednesday, September 11, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	27	7	10	3	7	27	7	10	3	7
01	0	0	0	0	0	27	5	4	12	6	27	5	4	12	6
02	0	0	0	0	0	17	7	4	1	5	17	7	4	1	5
03	0	0	0	0	0	17	3	1	4	9	17	3	1	4	9
04	0	0	0	0	0	26	6	4	7	9	26	6	4	7	9
05	0	0	0	0	0	57	3	12	19	23	57	3	12	19	23
06	0	0	0	0	0	368	50	55	117	146	368	50	55	117	146
07	18	0	0	0	0	1073	175	262	206	30	1091	175	262	224	330
08	0	0	0	0	0	1197	375	329	284	209	1197	375	329	284	209
09	0	0	0	0	0	425	128	92	99	106	425	128	92	99	106
10	3	0	3	0	0	400	81	91	93	135	403	81	94	93	135
11	1	0	1	0	0	767	139	186	209	233	768	139	187	209	233
12	1	0	0	0	0	944	251	212	228	253	945	251	212	228	253
13	4	0	0	0	0	655	130	160	139	156	659	130	160	139	150
14	0	0	0	0	0	483	116	123	110	132	483	116	123	110	132
15	3	0	0	0	0	569	147	152	174	176	572	147	152	174	176
16	0	0	0	0	0	804	167	189	208	249	804	167	189	208	249
17	161	0	0	0	0	957	323	333	284	272	1118	323	333	285	252
18	427	0	0	0	0	229	39	73	43	53	656	217	176	135	128
19	185	53	73	24	32	144	39	28	35	32	329	92	91	79	64
20	123	27	45	30	25	99	26	21	24	26	222	53	64	54	51
21	99	26	26	22	25	65	19	22	14	16	164	39	43	36	41
22	69	26	21	15	10	59	20	14	15	10	128	18	35	10	20
23	37	16	24	14	7	51	11	12	7	21	88	26	16	8	23
	1131	Total				9460	Total				10591	Total			

Channel 1

AM Peak Hour Start 6:45
 AM Peak Hour Total 18
 AM Peak Hour Factor 25.00%
 PM Peak Hour Start 17:45
 AM Peak Hour Total 512
 PM Peak Hour Factor 80.00%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1340
 AM Peak Hour Factor 89.33%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1134
 PM Peak Hour Factor 86.43%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1358
 AM Peak Hour Factor 90.53%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1135
 PM Peak Hour Factor 86.51%

Site Name Arapaho just east of Quorum 1=EB 2=WB
 Jurisdiction Addison, TX
 Study Type Volume (ch1 & ch2)
 Location Code 38
 Direction None
 Date 05/21/2003
 Real Time 01:07
 Start Date 05/21/2003
 Start Time 02:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 38

Thursday, May 22, 2003

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	38	6	20	8	4	49	16	12	9	12	87	22	32	17	16
01	17	3	5	4	5	32	8	12	6	6	49	11	17	10	11
02	9	5	0	1	3	18	5	5	5	3	27	10	5	6	6
03	8	1	2	3	2	15	5	2	6	2	23	6	4	9	4
04	8	1	3	1	3	12	1	3	4	4	20	2	6	5	7
05	19	0	6	6	7	57	3	14	16	24	76	3	20	22	31
06	95	13	18	22	42	231	24	37	59	111	326	37	55	81	153
07	292	41	63	75	113	663	105	151	233	233	955	146	214	250	345
08	434	60	113	106	85	609	165	155	167	112	1043	239	273	273	197
09	269	86	57	77	49	392	108	102	97	85	661	194	159	174	134
10	181	49	37	40	55	334	96	76	67	95	515	145	113	107	150
11	274	52	75	80	67	441	86	109	117	129	715	138	184	197	196
12	379	81	100	99	99	534	121	127	148	138	913	202	227	247	237
13	383	113	116	79	70	442	103	123	89	107	825	236	241	166	177
14	357	100	80	94	74	362	90	85	98	94	719	199	166	187	138
15	319	72	80	101	66	369	97	90	98	90	688	151	159	199	126
16	418	104	74	111	30	454	88	104	108	57	872	192	177	249	234
17	705	131	132	130	130	760	173	155	155	157	1465	356	315	315	355
18	381	139	99	72	71	642	203	155	136	149	1023	367	254	202	200
19	243	57	79	62	44	576	136	79	131	130	819	253	99	131	174
20	152	30	45	37	40	405	106	88	24	36	557	136	143	158	120
21	131	36	32	36	26	169	46	48	36	39	300	82	84	72	65
22	117	36	33	27	24	128	39	29	29	31	245	74	62	56	32
23	72	29	21	12	10	85	28	26	15	18	157	68	47	26	37
	5301	Total				7779	Total				13080	Total			

Channel 1

AM Peak Hour Start 07:45
 AM Peak Hour Total 462
 AM Peak Hour Factor 88.85 %
 PM Peak Hour Start 16:45
 PM Peak Hour Total 705
 PM Peak Hour Factor 83.93 %

Channel 2

AM Peak Hour Start 07:30
 AM Peak Hour Total 737
 AM Peak Hour Factor 79.42 %
 PM Peak Hour Start 17:15
 PM Peak Hour Total 790
 PM Peak Hour Factor 81.28 %

Channel 1 + 2

AM Peak Hour Start 07:45
 AM Peak Hour Total 1191
 AM Peak Hour Factor 86.30 %

Study Type Volume (ch1 & ch2) QUORUM B/T EDWIN LEWIS & ARAPAHO - CH.1=NB 2=SB
 Location Code 00000000100
 Date 11/13/2002
 Real Time 23:36
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000100

Thursday, November 14, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	41	12	14	5	10	21	7	9	4	1	62	19	23	9	11
01	33	9	8	7	9	13	3	6	1	3	46	12	14	8	12
02	13	3	3	2	5	5	1	1	3	0	18	4	4	5	5
03	12	4	1	4	3	6	2	0	3	1	18	6	1	7	4
04	3	0	2	0	1	8	1	4	1	2	11	1	6	1	3
05	29	7	3	5	14	31	4	6	9	12	60	11	9	14	26
06	100	12	23	25	40	96	21	23	28	24	196	33	46	53	64
07	320	44	76	82	118	408	49	78	118	163	728	93	154	200	281
08	447	114	124	101	108	518	78	97	140	93	965	122	131	241	201
09	316	77	69	81	89	266	86	58	67	55	582	163	127	148	144
10	225	54	58	45	68	189	47	51	36	55	414	101	109	81	123
11	302	61	74	60	107	306	64	68	90	84	608	125	142	150	191
12	496	118	113	127	166	349	100	91	86	92	845	218	154	213	250
13	487	112	128	108	109	299	76	73	76	75	786	211	210	184	184
14	338	75	79	89	95	222	52	80	57	63	560	117	110	146	148
15	350	99	91	84	79	201	41	42	54	59	551	113	115	135	138
16	408	100	90	115	103	281	62	65	59	53	689	150	133	174	207
17	666	165	164	151	167	427	118	115	111	107	1093	272	273	258	253
18	484	131	135	121	104	334	100	92	75	97	818	231	227	199	161
19	333	105	91	61	83	165	53	45	31	36	498	155	126	95	119
20	249	81	52	51	65	135	43	27	30	33	384	124	79	81	100
21	212	68	53	51	50	126	49	27	31	24	338	95	93	82	74
22	182	61	43	36	52	97	31	25	25	15	279	82	58	52	67
23	84	21	27	17	19	57	12	18	16	13	141	38	45	33	30
	6130 Total					4560 Total					10690 Total				

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 457
 AM Peak Hour Factor 92.14%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 666
 PM Peak Hour Factor 98.52%

Channel 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 588
 AM Peak Hour Factor 90.18%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 432
 PM Peak Hour Factor 79.41%

Channel 1 + 2

AM Peak Hour Start 7:45
 AM Peak Hour Total 1045
 AM Peak Hour Factor 92.97%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1093
 PM Peak Hour Factor 90.48%

Study Type Volume (ch1)
 Location Code 000000000410
 Date 09/11/2002
 Real Time 18:33
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000005

KELLER SPRINGS - ADDISON TO DALLAS PKWY - EASTBOUND

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	37	16	5	7	9										
01	29	8	9	7	5										
02	17	7	2	5	3										
03	12	6	1	0	5										
04	17	8	1	4	4										
05	34	6	10	11	7										
06	172	34	25	38	75										
07	522	92	112	157	161										
08	625	189	149	155	132										
09	425	113	105	93	114										
10	438	101	110	112	115										
11	678	140	137	93	168										
12	652	178	133	179	162										
13	612	168	159	149	166										
14	562	145	131	137	149										
15	679	149	153	70	207										
16	1110	260	228	201	221										
17	1432	316	275	271	269										
18	970	207	263	221	179										
19	471	177	139	108	147										
20	333	108	102	68	55										
21	229	60	63	51	55										
22	193	54	52	16	71										
23	78	21	19	21	17										
	10327	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 678
 AM Peak Hour Factor 90.16%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1454
 PM Peak Hour Factor 83.37%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Study Type Volume (ch1)
 Location Code 000000000410
 Date 09/11/2002
 Real Time 18:32
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000042

KELLER SPRINGS - ADDISON RD TO DALLAS PKWY - WESTBOUND

Thursday, September 12, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	38	8	11	12	7										
01	21	5	5	7	4										
02	19	7	5	5	2										
03	11	2	2	4	3										
04	25	11	4	4	6										
05	68	5	9	26	28										
06	321	44	56	100	121										
07	676	129	127	184	236										
08	805	212	206	270	169										
09	598	190	158	118	132										
10	531	134	140	122	135										
11	659	120	164	164	211										
12	772	188	192	195	197										
13	778	188	188	167	235										
14	584	143	136	143	162										
15	612	147	147	167	151										
16	654	180	147	173	154										
17	751	210	192	180	169										
18	591	160	188	150	133										
19	341	95	107	60	80										
20	233	65	9	27	32										
21	239	63	131	20	35										
22	152	68	16	33	20										
23	61	14	14	15	18										
	9540	Total				Total					Total				

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 872
 AM Peak Hour Factor 92.37%
 PM Peak Hour Start 12:30
 AM Peak Hour Total 799
 PM Peak Hour Factor 94.67%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Study Type Volume (ch1)
 Location Code 000000000490
 Date 11/13/2002
 Real Time 19:12
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000490

QUORUM NB INTO KELLER SPGS

Thursday, November 14, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	33	9	11	4	9										
01	22	6	6	4	6										
02	7	4	0	0	3										
03	8	4	2	1	1										
04	8	2	0	1	5										
05	21	5	2	4	10										
06	74	11	14	22	27										
07	217	33	59	57	68										
08	303	80	96	66	61										
09	175	45	46	35	49										
10	173	37	37	47	52										
11	370	70	99	98	103										
12	375	99	100	88	88										
13	361	101	90	76	94										
14	276	77	68	69	62										
15	304	66	73	87	78										
16	540	124	93	76	135										
17	1010	219	273	255	263										
18	477	103	97	82	95										
19	274	103	68	65	38										
20	123	33	23	30	37										
21	141	35	37	36	39										
22	136	35	27	38	36										
23	50	12	13	10	15										
	5478	Total				Total					Total				

Channel 1

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Excel to Sojourn #87 Channel 1=EB 2=WB
 Study Type Volume (ch1 & 2-way)
 Location Code 00000000510
 Date 09/09/2002
 Real Time 23:56
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Tuesday, September 10, 2002

HR Begin	Channel 1						Channel 2 (2-1)						Channel 1 + Channel 2					
	HR Total	00-15	15-30	30-45	45-00		HR Total	00-15	15-30	30-45	45-00		HR Total	00-15	15-30	30-45	45-00	
00	9	5	2	1	1		18	2	4	4	8		27	7	6	5	9	
01	11	2	0	1	8		13	3	6	1	3		24	5	6	2	11	
02	5	0	0	2	3		7	1	2	3	1		12	1	2	5	4	
03	5	0	2	1	2		8	2	3	1	2		13	2	5	2	4	
04	14	3	4	2	5		14	2	1	3	8		28	5	5	5	13	
05	67	6	12	19	30		17	2	4	5	6		84	8	16	24	36	
06	315	31	56	86	142		79	11	12	34	22		394	42	68	120	164	
07	1133	174	247	356	456		98	35	30	32	1		1231	209	277	326	417	
08	1176	198	323	234	217		150	21	43	42	44		1326	219	370	276	261	
09	336	114	78	70	74		146	36	46	31	33		482	150	124	101	107	
10	215	49	51	52	63		153	32	31	37	53		368	81	82	89	116	
11	365	67	86	81	131		521	76	75	47	146		886	185	199	228	274	
12	634	139	155	113	153		492	59	89	102	121		1126	288	284	246	307	
13	522	111	121	118	122		362	121	85	82	74		884	279	209	200	196	
14	326	91	82	80	74		288	79	70	76	63		614	170	152	156	136	
15	288	77	83	65	63		362	84	74	92	118		650	135	154	157	181	
16	242	76	66	57	53		565	119	100	80	137		807	166	164	187	236	
17	320	98	86	76	67		963	184	123	111	139		1283	307	314	316	256	
18	220	65	59	44	52		474	145	89	66	34		694	211	196	170	116	
19	160	56	42	42	34		202	58	49	50	35		362	118	83	92	69	
20	105	36	29	23	20		155	41	33	35	26		260	67	68	73	52	
21	61	16	19	23	11		111	32	30	22	24		172	48	45	44	35	
22	40	16	10	10	12		102	42	18	19	33		142	35	25	29	35	
23	38	7	6	6	3		44	15	13	10	6		82	22	26	16	19	
	6607	Total					5344	Total					11951	Total				

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 1437
 AM Peak Hour Factor 86.36%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 653
 PM Peak Hour Factor 87.77%

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 521
 AM Peak Hour Factor 88.61%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 963
 PM Peak Hour Factor 79.19%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1534
 AM Peak Hour Factor 91.53%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1297
 PM Peak Hour Factor 81.68%

Study Type Volume (ch1)
 Location Code 000000000510
 Date 11/13/2002
 Real Time 18:47
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000510

WESTGROVE NB INTO SOJOURN

Thursday, November 14, 2002

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	63	34	12	10	7										
01	31	13	9	5	4										
02	27	12	6	4	5										
03	14	6	1	4	3										
04	12	1	3	5	3										
05	11	1	4	2	4										
06	58	9	14	9	26										
07	187	34	42	40	71										
08	254	50	71	70	63										
09	239	52	53	67	67										
10	251	55	54	69	73										
11	722	135	60	230	197										
12	809	241	98	180	180										
13	585	133	73	153	108										
14	494	115	132	108	129										
15	569	108	108	206	127										
16	971	196	153	272	188										
17	1462	281	165	373	273										
18	755	235	206	149	160										
19	351	123	107	74	62										
20	217	80	15	61	57										
21	169	56	51	101	58										
22	137	57	27	26	27										
23	61	24	14	23	22										
	8449	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 722
 AM Peak Hour Factor 78.48%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1479
 PM Peak Hour Factor 82.17%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Midway to Westgrove #76 Channel 1=WB Ch 2=EB
 Study Type Volume (ch1 & 2-way)
 Location Code 000000000520
 Date 09/09/2002
 Real Time 23:52
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Tuesday, September 10, 2002

HR Begin	Channel 1						Channel 2 (2-1)						Channel 1 + Channel 2					
	HR Total	00-15	15-30	30-45	45-00		HR Total	00-15	15-30	30-45	45-00		HR Total	00-15	15-30	30-45	45-00	
00	28	15	2	8	3		26	11	7	4	4		54	26	9	12	7	
01	11	3	3	4	1		8	4	0	1	3		19	7	3	5	4	
02	15	8	1	4	2		3	1	0	2	0		18	9	1	6	2	
03	5	1	3	1	0		8	1	2	3	2		13	2	5	4	2	
04	5	0	0	0	5		12	0	2	4	6		17	0	2	4	11	
05	25	5	6	7	7		46	5	6	20	15		71	10	12	27	22	
06	93	15	15	36	27		180	13	26	53	88		273	28	41	89	115	
07	253	47	60	62	84		599	77	114	169	239		852	124	174	231	322	
08	224	58	62	56	48		704	25	27	138	124		928	283	279	194	172	
09	173	37	59	39	38		288	105	65	55	63		461	142	124	94	101	
10	151	40	33	37	41		198	54	46	33	65		349	94	79	70	106	
11	445	38	91	27	34		384	64	95	105	120		829	157	186	232	254	
12	530	148	136	22	24		619	147	165	158	159		1149	295	302	277	293	
13	403	122	104	33	32		511	70	133	108	108		914	292	227	208	192	
14	278	22	35	75	56		322	25	97	68	32		600	117	162	143	148	
15	368	75	62	110	115		363	30	101	85	34		731	155	176	195	215	
16	422	114	92	99	120		306	73	75	38	37		728	134	170	187	197	
17	633	112	122	39	34		436	135	110	99	105		1069	308	289	258	214	
18	395	116	51	94	76		279	70	78	74	37		674	186	189	166	133	
19	247	36	30	10	37		232	76	56	46	54		479	162	112	94	111	
20	157	17	29	38	33		140	39	36	31	34		297	36	35	69	77	
21	123	28	21	53	29		109	33	23	29	24		232	61	53	64	58	
22	90	17	25	19	19		84	21	20	20	23		174	48	45	39	42	
23	47	18	14	10	5		50	13	15	16	10		97	27	29	26	15	
	5121	Total					5907	Total					11028	Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 445
 AM Peak Hour Factor 83.02%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 633
 PM Peak Hour Factor 91.47%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 850
 AM Peak Hour Factor 88.91%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 622
 PM Peak Hour Factor 93.67%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1116
 AM Peak Hour Factor 86.38%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 1149
 PM Peak Hour Factor 95.12%

**DETAILED
WARRANT
ANALYSES**

Addison, Texas TRAFFIC SIGNAL VOLUME WARRANT ANALYSIS

INTERSECTION NAME: Belt Line Road and Commercial Drive

COUNT DATE: 2003

INTERSECTION CONDITION:

MAJOR STREET: Belt Line Road
MINOR STREET: Commercial Drive

OF APPROACH LANES: 2
OF APPROACH LANES: 2

ISOLATED COMMUNITY WITH POPULATION LESS THAN 10,000 (Y OR N): N N
85TH PERCENTILE SPEED GREATER THAN 40 MPH ON MAJOR STREET (Y OR N): N N

THRESHOLD VALUES	MAJOR ST BOTH APPROACHES	MINOR ST HIGHEST APPROACH	WARRANT 1, Condition A			WARRANT 1, Condition B			WARRANT 1, Combination Warrant						WARRANT 2	WARRANT 3
			MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET		
06:00 AM TO 07:00 AM	1,345	8	600	200		900	100		480	160		720	80			
07:00 AM TO 08:00 AM	2,583	48	Y	Y		Y	Y		Y	Y		Y	Y			
08:00 AM TO 09:00 AM	3,032	62	Y			Y			Y			Y				
09:00 AM TO 10:00 AM	2,783	70	Y			Y			Y			Y				
10:00 AM TO 11:00 AM	3,153	60	Y			Y			Y			Y	Y			
11:00 AM TO 12:00 PM	4,054	157	Y			Y			Y			Y	Y			Y
12:00 PM TO 01:00 PM	4,498	173	Y			Y			Y			Y	Y			Y
01:00 PM TO 02:00 PM	3,918	128	Y			Y			Y			Y	Y			Y
02:00 PM TO 03:00 PM	3,080	119	Y			Y			Y			Y	Y			Y
03:00 PM TO 04:00 PM	3,166	105	Y			Y			Y			Y	Y			Y
04:00 PM TO 05:00 PM	3,624	168	Y			Y			Y			Y	Y			Y
05:00 PM TO 06:00 PM	4,143	130	Y			Y			Y			Y	Y			Y
06:00 PM TO 07:00 PM	4,024	68	Y			Y			Y			Y	Y			Y
07:00 PM TO 08:00 PM	2,684	46	Y			Y			Y			Y	Y			Y
08:00 PM TO 09:00 PM	2,008	53	Y			Y			Y			Y	Y			Y
09:00 PM TO 10:00 PM	1,446	43	Y			Y			Y			Y	Y			Y
	48,491	1,397	0			7			1						5	2
			8 HOURS NEEDED NOT SATISFIED			8 HOURS NEEDED NOT SATISFIED			6 HOURS OF BOTH COND. A AND COND. B NEEDED NOT SATISFIED						4 HRS NEEDED SATISFIED	1 HR NEEDED SATISFIED

WARRANT 1 – Eight-Hour Vehicular Volume Warrant
 Condition A : Minimum Vehicular Volume
 Condition B : Interruption of Continuous Traffic
 Combination : Combination of Condition A and Condition B
 WARRANT 2 – Four-Hour Vehicular Volume Warrant

Study Type Volume (ch1 & ch2) BELT LINE - MARSH TO SURVEYOR - CH.1=WB 2=EB
 Location Code 000000000150
 Date 09/25/2002
 Real Time 19:57
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000380

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	166	45	39	46	36	153	59	36	32	26	319	104	75	78	62
01	108	30	23	24	31	103	34	22	28	19	211	64	45	52	50
02	131	52	28	33	18	78	13	26	16	23	209	65	54	49	41
03	59	21	11	14	13	68	14	11	27	16	127	35	22	41	29
04	60	11	6	21	22	130	24	15	21	70	190	35	21	42	92
05	168	22	31	45	70	326	44	54	107	121	494	66	85	152	191
06	522	71	115	148	188	823	107	176	239	301	1345	178	291	387	489
07	988	169	224	327	268	1595	261	377	439	518	2583	430	601	766	786
08	1060	307	232	267	254	1942	497	484	479	482	3002	804	716	746	736
09	888	234	220	225	209	1895	470	443	506	476	2783	704	663	731	685
10	1053	256	239	268	290	2100	534	509	472	585	3153	790	748	740	875
11	1514	328	357	398	360	2540	622	598	635	685	4054	958	956	1034	1166
12	1846	460	456	492	438	2652	610	722	634	689	4498	1070	1178	1125	1166
13	1579	443	400	402	334	2339	697	587	584	477	3918	1146	987	985	814
14	1470	415	382	401	323	1590	422	350	443	408	3060	889	682	814	726
15	1528	355	356	458	359	1638	354	395	468	421	3166	706	764	926	788
16	1617	395	360	445	355	2007	405	543	450	509	3624	796	903	995	925
17	1891	434	543	478	200	2252	593	508	569	581	4143	1122	1024	1171	984
18	1508	442	369	335	382	2516	607	654	630	575	4024	1049	1023	1045	937
19	1076	296	256	263	261	1608	528	395	349	240	2684	815	652	612	601
20	915	236	230	216	233	1093	340	308	262	212	2008	545	538	276	446
21	681	192	164	163	147	765	232	226	160	147	1446	424	410	318	294
22	519	152	105	156	106	593	221	176	100	96	1112	373	281	255	202
23	278	84	71	73	50	316	110	81	269	68	594	194	152	142	106
	21625	Total				31122	Total				52747	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1514
 AM Peak Hour Factor 88.02%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1910
 PM Peak Hour Factor 90.09%

Channel 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 2540
 AM Peak Hour Factor 92.70%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 2739
 PM Peak Hour Factor 94.84%

Channel 1 + 2

AM Peak Hour Start 11:00
 AM Peak Hour Total 4054
 AM Peak Hour Factor 90.90%
 PM Peak Hour Start 12:15
 AM Peak Hour Total 4568
 PM Peak Hour Factor 96.94%

Site Name Belt Line @ Commercial SB approach
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 4
 Direction None
 Date 05/20/2003
 Real Time 23:12
 Start Date 05/21/2003
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 4

Thursday, May 22, 2003

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	5	4	0	1	0										
01	1	1	0	0	0										
02	5	2	2	0	1										
03	4	1	1	2	0										
04	0	0	0	0	0										
05	8	2	1	2	3										
06	8	0	1	3	4										
07	46	8	11	18	9										
08	62	26	11	10	15										
09	70	11	17	24	18										
10	80	13	20	18	29										
11	157	22	30	25	32										
12	173	50	23	15	15										
13	128	29	24	30	25										
14	119	29	26	31	33										
15	105	28	21	30	26										
16	109	25	32	28	24										
17	130	37	33	24	36										
18	68	16	20	18	16										
19	46	5	15	15	9										
20	53	12	15	11	15										
21	43	12	18	14	7										
22	24	13	7	0	4										
23	25	5	15	6	9										
	1469	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 157
 AM Peak Hour Factor 87.22 %
 PM Peak Hour Start 12:00
 PM Peak Hour Total 173
 PM Peak Hour Factor 86.50 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Addison, Texas TRAFFIC SIGNAL VOLUME WARRANT ANALYSIS

COUNT DATE: 2003

INTERSECTION NAME: Midway Road and Homet Road

INTERSECTION CONDITION:

MAJOR STREET: Midway Road
MINOR STREET: Homet Road

MAJOR ST BOTH APPROACHES: 1.548
MINOR ST HIGHEST APPROACH: 5

ISOLATED COMMUNITY WITH POPULATION LESS THAN 10,000 (Y OR N): N
85TH PERCENTILE SPEED GREATER THAN 40 MPH ON MAJOR STREET (Y OR N): N

OF APPROACH LANES: 2
OF APPROACH LANES: 2

THRESHOLD VALUES	WARRANT 1, Condition A		WARRANT 1, Condition B		WARRANT 3, Combination Warrant				WARRANT 2	WARRANT 3
	MAJOR STREET	MINOR STREET	MAJOR STREET	MINOR STREET	MAJOR STREET	MINOR STREET	BOTH STREET MET	BOTH STREET MET		
06:00 AM TO 07:00 AM	Y	200	Y	100	Y	180	Y	80		
07:00 AM TO 08:00 AM	Y		Y	Y	Y	Y	Y	Y	Y	Y
08:00 AM TO 09:00 AM	Y		Y		Y	Y	Y			
09:00 AM TO 10:00 AM	Y		Y		Y	Y	Y			
10:00 AM TO 11:00 AM	Y		Y		Y	Y	Y	Y		
11:00 AM TO 12:00 PM	Y		Y	Y	Y	Y	Y	Y	Y	Y
12:00 PM TO 01:00 PM	Y		Y		Y	Y	Y	Y		
01:00 PM TO 02:00 PM	Y		Y		Y	Y	Y	Y		
02:00 PM TO 03:00 PM	Y		Y		Y	Y	Y	Y		
03:00 PM TO 04:00 PM	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
04:00 PM TO 05:00 PM	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
05:00 PM TO 06:00 PM	Y		Y	Y	Y	Y	Y	Y	Y	Y
06:00 PM TO 07:00 PM	Y		Y		Y	Y	Y	Y		
07:00 PM TO 08:00 PM	Y		Y		Y	Y	Y	Y		
08:00 PM TO 09:00 PM	Y		Y		Y	Y	Y	Y		
09:00 PM TO 10:00 PM	Y		Y		Y	Y	Y	Y		
	44.091								4	5
	1.559									7
		2	5	5	8 HOURS NEEDED NOT SATISFIED	8 HOURS OF BOTH COND. A AND COND. B NEEDED NOT SATISFIED	4 HRS NEEDED SATISFIED	1 HR NEEDED SATISFIED		

WARRANT 1 - Eight-Hour Vehicular Volume Warrant

Condition A : Minimum Vehicular Volume

Condition B : Interruption of Continuous Traffic

Combination : Combination of Condition A and Condition B

WARRANT 2 - Four-Hour Vehicular Volume Warrant

Spring Valley to Proton #57 Channel 1=NB 2=SB

Study Type Volume (ch1 & ch2)
 Location Code 000000000390
 Date 09/11/2002
 Real Time 21:31
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Friday, September 13, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	138	40	44	28	26	198	68	46	49	35	336	108	90	77	61
01	93	24	21	26	22	125	33	33	27	32	218	57	54	53	54
02	95	23	33	23	16	120	37	37	23	23	215	60	70	46	39
03	81	20	27	20	14	73	15	13	19	26	154	35	40	39	40
04	87	10	24	25	28	96	19	31	25	21	183	29	55	50	49
05	272	38	55	70	109	204	28	37	59	80	476	66	92	129	189
06	845	124	197	274	250	703	91	132	219	261	1548	215	329	493	511
07	1421	287	313	387	434	1977	372	443	616	546	3398	659	756	1008	930
08	1392	391	357	343	301	1824	430	508	482	404	3216	825	865	825	705
09	1181	310	302	272	297	1213	355	270	276	312	2394	665	572	548	609
10	1136	285	249	273	329	1098	283	258	303	254	2234	568	507	576	583
11	1815	386	481	502	495	1274	293	282	345	354	3089	679	713	847	850
12	1821	489	469	452	411	1883	490	460	476	457	3704	979	929	928	863
13	1532	384	413	365	370	1693	462	445	398	418	3225	846	828	768	788
14	1352	335	351	381	335	1539	412	340	389	360	2891	757	690	720	695
15	1582	376	376	367	463	1499	380	360	386	373	3081	755	735	758	835
16	2049	606	467	574	505	1439	397	341	371	396	3488	897	808	942	825
17	2368	607	372	365	533	1583	473	377	341	397	3951	1045	875	911	976
18	1748	533	472	291	352	1272	360	347	242	261	3020	898	789	735	603
19	1100	280	277	279	264	913	262	326	226	200	2013	542	502	505	467
20	805	229	207	187	182	710	177	215	156	162	1515	405	422	446	444
21	667	175	190	147	155	657	157	171	163	166	1324	332	361	340	349
22	492	120	133	125	114	545	138	143	131	123	1037	268	276	266	232
23	422	132	112	105	93	437	120	105	123	89	859	232	217	226	182
	24494	Total				23075	Total				47569	Total			

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 1815
 AM Peak Hour Factor 90.39%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 2368
 PM Peak Hour Factor 97.69%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2100
 AM Peak Hour Factor 85.23%
 PM Peak Hour Start 12:00
 AM Peak Hour Total 1883
 PM Peak Hour Factor 96.07%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3669
 AM Peak Hour Factor 91.45%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 3951
 PM Peak Hour Factor 91.80%

Site Name Midway @ Homet EB approach
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 52
 Direction None
 Date 05/20/2003
 Real Time 22:48
 Start Date 05/21/2003
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 52

Thursday, May 22, 2003

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	1	1	0	0	0										
01	3	1	0	0	2										
02	1	0	1	0	0										
03	0	0	0	0	0										
04	0	0	0	0	0										
05	0	0	0	0	0										
06	5	0	1	0	4										
07	166	5	15	56	90										
08	54	25	10	3	15										
09	51	10	11	9	21										
10	49	9	18	11	11										
11	80	20	18	23	19										
12	117	28	18	39	32										
13	74	22	15	10	26										
14	97	14	26	27	30										
15	310	30	50	41	89										
16	241	33	31	58	43										
17	170	16	53	33	28										
18	72	19	13	15	25										
19	32	8	10	8	16										
20	12	3	4	2	3										
21	29	11	7	3	18										
22	26	7	14	0	5										
23	2	0	0	2	0										
	1592	Total				Total					Total				

Channel 1
 AM Peak Hour Start 07:15
 AM Peak Hour Total 187
 AM Peak Hour Factor 51.94 %
 PM Peak Hour Start 15:30
 PM Peak Hour Total 370
 PM Peak Hour Factor 57.81 %

Channel 2
 AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2
 AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Addison, Texas TRAFFIC SIGNAL VOLUME WARRANT ANALYSIS

INTERSECTION NAME: Midway Road and Dooley Road COUNT DATE: 2003

INTERSECTION CONDITION: # OF APPROACH LANES: 2
OF APPROACH LANES: 2

MAJOR STREET: Midway Road
MINOR STREET: Dooley Road

ISOLATED COMMUNITY WITH POPULATION LESS THAN 10,000 (Y OR N): N N
85TH PERCENTILE SPEED GREATER THAN 40 MPH ON MAJOR STREET (Y OR N): N N

THRESHOLD VALUES	MAJOR ST BOTH APPROACHES		MINOR ST HIGHEST APPROACH	WARRANT 1, Condition A			WARRANT 1, Condition B			WARRANT 1, Combination Warrant				WARRANT 2	WARRANT 3		
	MAJOR STREET	MINOR STREET		MAJOR STREET	MINOR STREET	BOTH STREET MET	MAJOR STREET	MINOR STREET	BOTH STREET MET	MAJOR STREET	MINOR STREET	BOTH STREET MET	MAJOR STREET			MINOR STREET	BOTH STREET MET
06:00 AM TO 07:00 AM	1,425	25	→	500	200	Y	900	100	Y	480	160	Y	720	80			
07:00 AM TO 08:00 AM	2,916	46		Y		Y	Y		Y	Y		Y					
08:00 AM TO 09:00 AM	2,888	58		Y		Y	Y		Y	Y		Y					
09:00 AM TO 10:00 AM	1,867	77		Y		Y	Y		Y	Y		Y					
10:00 AM TO 11:00 AM	1,723	53		Y		Y	Y		Y	Y		Y			Y	Y	
11:00 AM TO 12:00 PM	2,336	173		Y		Y	Y		Y	Y		Y			Y	Y	
12:00 PM TO 01:00 PM	2,679	153		Y		Y	Y		Y	Y		Y			Y	Y	
01:00 PM TO 02:00 PM	2,622	135		Y		Y	Y		Y	Y		Y			Y	Y	
02:00 PM TO 03:00 PM	2,339	97		Y		Y	Y		Y	Y		Y			Y	Y	
03:00 PM TO 04:00 PM	2,563	140		Y		Y	Y		Y	Y		Y			Y	Y	
04:00 PM TO 05:00 PM	3,091	241		Y		Y	Y		Y	Y		Y			Y	Y	
05:00 PM TO 06:00 PM	3,531	258		Y		Y	Y		Y	Y		Y			Y	Y	
06:00 PM TO 07:00 PM	2,672	95		Y		Y	Y		Y	Y		Y			Y	Y	
07:00 PM TO 08:00 PM	1,726	39		Y		Y	Y		Y	Y		Y			Y	Y	
08:00 PM TO 09:00 PM	1,322	24		Y		Y	Y		Y	Y		Y			Y	Y	
09:00 PM TO 10:00 PM	1,119	17		Y		Y	Y		Y	Y		Y			Y	Y	
	36,839	1,641															
				6 HOURS NEEDED NOT SATISFIED	2		8 HOURS NEEDED NOT SATISFIED	6		8 HOURS OF BOTH COND. A AND COND. B NEEDED NOT SATISFIED	3		4 HRS NEEDED SATISFIED	8		1 HR NEEDED SATISFIED	

WARRANT 1 – Eight-Hour Vehicular Volume Warrant
 Condition A : Minimum Vehicular Volume
 Condition B : Interruption of Continuous Traffic
 Combination : Combination of Condition A and Condition B
 WARRANT 2 – Four-Hour Vehicular Volume Warrant

Lindbergh to Keller Springs #53 Channel 1=NB 2=SB

Study Type Volume (ch1 & ch2)
 Location Code 00000000310
 Date 09/11/2002
 Real Time 21:29
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Friday, September 13, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	186	55	51	49	31	132	47	26	33	26	318	102	77	82	57
01	98	29	19	23	27	65	22	13	13	17	163	51	32	36	44
02	121	45	34	23	19	51	10	18	12	11	172	55	52	35	30
03	74	22	25	19	8	40	9	11	9	11	114	31	36	28	19
04	52	11	9	18	14	79	17	21	24	17	131	28	30	42	31
05	161	20	31	50	60	213	29	36	63	85	374	49	67	113	145
06	612	91	143	196	182	813	104	148	266	295	1425	195	291	462	477
07	1031	215	238	259	319	1887	393	479	529	486	2918	608	717	738	605
08	983	243	262	254	214	1903	529	519	438	417	2886	772	781	702	631
09	794	214	176	214	190	1093	295	274	264	260	1887	509	450	478	450
10	803	173	197	216	217	920	225	230	220	245	1723	398	427	436	462
11	1071	230	269	292	280	1265	303	284	338	340	2336	533	553	630	620
12	1331	330	323	348	323	1348	355	323	338	332	2679	685	652	688	656
13	1363	375	325	315	352	1259	360	290	318	291	2622	725	615	629	643
14	1193	306	289	278	322	1146	297	262	298	289	2339	600	551	575	612
15	1364	358	342	309	359	1199	309	274	328	286	2563	662	616	637	648
16	1865	452	396	399	314	1226	287	284	342	312	3091	739	680	632	648
17	2146	574	518	515	511	1385	431	415	435	324	3531	935	887	885	848
18	1603	492	424	351	281	1069	277	299	274	219	2672	774	743	655	590
19	903	242	252	307	210	823	242	211	196	162	1726	473	462	493	392
20	772	191	216	188	178	550	183	191	127	109	1322	374	346	316	287
21	660	169	173	161	137	459	112	129	116	105	1119	281	302	274	262
22	522	151	129	124	118	375	106	80	99	87	897	256	212	226	205
23	414	123	95	104	92	263	80	73	61	69	677	183	168	165	160
	20122	Total				19563	Total				39685	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 1088
 AM Peak Hour Factor 85.27%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 2163
 PM Peak Hour Factor 94.70%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 2063
 AM Peak Hour Factor 97.50%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 1385
 PM Peak Hour Factor 86.35%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 3146
 AM Peak Hour Factor 97.70%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 3531
 PM Peak Hour Factor 92.43%

Site Name Midway @ Boyington (Dooley) EB approach
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 25
 Direction None
 Date 05/20/2003
 Real Time 23:41
 Start Date 05/21/2003
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 25

Thursday, May 22, 2003

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	15	12	0	3	0										
01	6	2	0	0	4										
02	1	0	1	0	0										
03	4	4	0	0	0										
04	0	0	0	0	0										
05	6	0	0	4	2										
06	25	3	5	6	11										
07	46	10	5	14	17										
08	58	10	12	13	23										
09	77	27	15	19	16										
10	63	15	20	16	12										
11	173	25	22	53	73										
12	153	14	20	37	84										
13	135	15	33	24	97										
14	97	22	23	29	74										
15	140	22	22	31	107										
16	241	35	15	37	348										
17	258	35	21	54	368										
18	95	38	21	26	180										
19	39	19	6	9	73										
20	24	10	7	3	44										
21	17	8	3	2	30										
22	4	1	0	0	5										
23	17	2	4	0	23										
	1694	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 173
 AM Peak Hour Factor 81.60 %
 PM Peak Hour Start 16:30
 PM Peak Hour Total 307
 PM Peak Hour Factor 71.06 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor

Study Type Volume (ch1)
 Location Code 000000000470
 Date 11/13/2002
 Real Time 18:52
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000470

ADDISON RD SB INTO WESTGROVE

Thursday, November 14, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	16	4	5	3	4										
01	13	4	1	2	6										
02	11	5	4	1	1										
03	5	1	2	1	1										
04	12	1	0	3	8										
05	66	8	10	20	28										
06	172	27	28	52	65										
07	662	109	137	177	239										
08	728	108	215	174	141										
09	319	95	87	74	63										
10	248	61	61	63	63										
11	341	76	78	83	104										
12	475	121	100	103	124										
13	428	132	115	107	72										
14	321	86	67	70	98										
15	355	91	93	96	75										
16	379	95	87	97	100										
17	531	117	118	125	96										
18	313	83	92	66	72										
19	225	92	41	40	52										
20	132	73	21	38	30										
21	132	34	30	40	128										
22	100	27	26	21	17										
23	50	13	17	11	9										
	6034	Total				Total					Total				

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 829
 AM Peak Hour Factor 86.72%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 535
 PM Peak Hour Factor 69.66%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Westgrove to Sojourn #7 Channel 1=NB
 Study Type Volume (ch1)
 Location Code 00000000290
 Date 09/25/2002
 Real Time 22:32
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000029

Friday, September 27, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	38	12	11	10	5										
01	32	7	8	9	8										
02	28	7	6	11	4										
03	6	1	1	3	1										
04	15	6	1	5	3										
05	9	2	1	2	4										
06	127	18	23	38	48										
07	394	45	85	120	144										
08	269	102	44	61	62										
09	203	54	50	54	45										
10	283	66	74	68	75										
11	457	84	89	151	122										
12	473	128	116	95	133										
13	483	127	120	100	102										
14	368	103	98	87	80										
15	461	110	82	124	136										
16	681	153	153	192	163										
17	844	211	222	225	212										
18	568	132	169	143	103										
19	355	101	93	88	73										
20	261	84	60	65	52										
21	236	65	61	56	54										
22	189	57	74	46	49										
23	124	44	37	31	32										
	6904	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 457
 AM Peak Hour Factor 75.66%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 844
 PM Peak Hour Factor 92.95%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Westgrove to Addison #77 Channel 1=WB 2=EB
 Study Type Volume (ch1 & 2-way)
 Location Code 000000000390
 Date 09/09/2002
 Real Time 23:39
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000000

Tuesday, September 10, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	17	7	0	5	5	10	3	2	2	3	27	10	2	7	8
01	9	4	1	2	2	4	2	0	2	0	13	6	1	4	2
02	6	0	2	3	1	10	3	1	4	2	16	3	3	7	3
03	5	2	1	0	2	2	0	1	1	0	7	2	2	1	2
04	8	6	0	1	1	4	0	2	1	1	12	6	2	2	2
05	39	2	1	4	32	9	0	3	2	4	48	2	4	6	36
06	52	6	14	22	10	54	3	9	22	20	106	9	23	44	30
07	198	32	22	15	79	362	22	58	129	143	560	54	80	267	223
08	144	10	10	23	19	213	12	60	47	34	357	18	95	70	53
09	67	22	17	11	17	74	23	13	20	18	141	45	30	31	35
10	47	14	9	11	13	65	15	21	14	15	112	29	30	25	28
11	119	28	26	32	33	110	20	24	25	41	229	48	50	57	74
12	192	62	38	50	32	144	28	44	39	35	336	95	79	89	72
13	135	10	3	26	35	141	10	31	32	28	276	30	65	58	69
14	114	28	30	23	33	110	22	29	28	28	224	52	59	51	62
15	287	64	67	76	66	290	58	66	67	73	577	122	140	170	145
16	233	57	56	38	33	257	42	53	49	85	490	121	112	107	151
17	352	3	3	32	32	220	18	23	50	36	572	18	43	57	88
18	185	60	55	36	34	180	52	32	32	44	365	112	67	86	75
19	137	39	28	30	38	167	48	34	24	66	304	87	62	58	97
20	76	16	24	19	17	70	19	12	23	16	146	35	36	42	38
21	72	31	19	9	13	52	16	16	9	11	124	47	35	18	24
22	54	15	17	9	13	34	10	12	5	7	88	25	29	14	20
23	18	4	6	7	11	13	7	3	2	11	31	11	9	19	22
	2566	Total				2595	Total				5161	Total			

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 246
 AM Peak Hour Factor 77.85%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 365
 PM Peak Hour Factor 69.66%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 414
 AM Peak Hour Factor 72.38%
 PM Peak Hour Start 15:30
 AM Peak Hour Total 299
 PM Peak Hour Factor 77.06%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 660
 AM Peak Hour Factor 74.32%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 634
 PM Peak Hour Factor 74.76%

Addison, Texas

TRAFFIC SIGNAL VOLUME WARRANT ANALYSIS

INTERSECTION NAME: Quorum Drive and Edwin Lewis Drive

COUNT DATE: 2003

INTERSECTION CONDITION:

MAJOR STREET: Quorum Drive
 MINOR STREET: Edwin Lewis Drive

OF APPROACH LANES: 2
 # OF APPROACH LANES: 2

ISOLATED COMMUNITY WITH POPULATION LESS THAN 10,000 (Y OR N): N
 85TH PERCENTILE SPEED GREATER THAN 40 MPH ON MAJOR STREET (Y OR N): N

THRESHOLD VALUES	MAJOR ST BOTH APPROACHES	MINOR ST HIGHEST APPROACH	WARRANT 1, Condition A			WARRANT 1, Condition B			WARRANT 1, Combination Warrant						WARRANT 2	WARRANT 3	
			MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET			MAJOR STREET
06:00 AM TO 07:00 AM	285	7	600	200		900	100		480	150		720	80				
07:00 AM TO 08:00 AM	916	53	Y			Y			Y			Y					
08:00 AM TO 09:00 AM	1,168	66	Y			Y			Y			Y					
09:00 AM TO 10:00 AM	540	59	Y						Y								
10:00 AM TO 11:00 AM	479	62							Y			Y					
11:00 AM TO 12:00 PM	773	163	Y			Y			Y			Y					
12:00 PM TO 01:00 PM	1,029	179	Y			Y			Y			Y					
01:00 PM TO 02:00 PM	869	101	Y			Y			Y			Y					
02:00 PM TO 03:00 PM	650	89	Y			Y			Y			Y					
03:00 PM TO 04:00 PM	653	131	Y			Y			Y			Y					
04:00 PM TO 05:00 PM	951	215	Y			Y			Y			Y					
05:00 PM TO 06:00 PM	1,280	304	Y			Y			Y			Y					Y
06:00 PM TO 07:00 PM	901	131	Y			Y			Y			Y					Y
07:00 PM TO 08:00 PM	493	71							Y			Y					
08:00 PM TO 09:00 PM	471	58															
09:00 PM TO 10:00 PM	343	37															
	11,815	1,727				2			3			4				6	1
			8 HOURS NEEDED NOT SATISFIED			8 HOURS NEEDED NOT SATISFIED			8 HOURS NEEDED NOT SATISFIED			6 HOURS OF BOTH COND. A AND COND. B NEEDED NOT SATISFIED				4 HRS NEEDED NOT SATISFIED	1 HR NEEDED SATISFIED

WARRANT 1 -- Eight-Hour Vehicular Volume Warrant
 Condition A : Minimum Vehicular Volume
 Condition B : Interruption of Continuous Traffic
 Combination : Combination of Condition A and Condition B
 WARRANT 2 -- Four-Hour Vehicular Volume Warrant

Study Type Volume (ch1 & ch2) QUORUM DR - BELT LINE TO EDWIN LEWIS - CH.1=NB 2=SB
 Location Code 000000000680
 Date 09/25/2002
 Real Time 20:42
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000100

Thursday, September 26, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00	Total	00-15	15-30	30-45	45-00
00	53	18	14	16	5	32	7	12	7	6	85	25	26	23	11
01	18	4	3	10	1	9	5	3	0	1	27	9	6	10	2
02	27	10	7	7	3	12	3	6	1	2	39	13	13	8	5
03	6	3	1	0	2	0	0	0	0	0	6	3	1	0	2
04	8	2	2	1	3	7	0	5	1	1	15	2	7	2	4
05	47	8	1	10	28	48	9	10	8	21	95	17	11	18	49
06	157	14	44	44	55	132	20	32	39	41	289	34	76	83	96
07	431	65	88	116	162	485	70	87	140	188	916	135	175	256	348
08	581	152	157	130	130	577	157	166	125	99	1158	324	353	255	229
09	360	100	86	92	82	280	86	66	66	62	640	186	152	158	144
10	256	58	60	64	74	223	70	47	43	63	479	128	107	107	137
11	347	77	54	94	122	426	77	114	123	112	773	154	168	217	234
12	569	174	124	161	180	460	110	109	121	110	1029	222	243	272	290
13	544	156	149	137	102	345	112	87	75	71	889	268	236	212	173
14	390	93	101	105	91	260	78	61	56	65	650	174	162	161	156
15	336	87	84	80	85	317	89	83	81	84	653	156	167	151	189
16	423	90	91	98	113	428	98	90	110	130	851	188	181	201	244
17	653	177	130	192	215	627	102	89	111	116	1280	307	298	341	426
18	531	170	137	122	102	370	124	113	88	59	901	282	258	206	164
19	276	82	64	70	60	217	58	59	41	59	493	140	126	111	119
20	293	71	65	71	86	178	51	41	33	43	471	132	105	127	129
21	222	56	68	51	49	121	39	46	22	24	343	95	102	75	73
22	169	51	45	44	29	99	31	28	20	26	268	82	107	64	55
23	88	37	23	14	14	73	29	13	21	10	161	66	36	35	24
	6785	Total				5726	Total				12511	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 613
 AM Peak Hour Factor 93.45%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 657
 PM Peak Hour Factor 85.55%

Channel 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 681
 AM Peak Hour Factor 86.86%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 641
 PM Peak Hour Factor 82.60%

Channel 1 + 2

AM Peak Hour Start 7:30
 AM Peak Hour Total 1280
 AM Peak Hour Factor 90.65%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 1298
 PM Peak Hour Factor 87.47%

Study Type Volume (ch1)
 Location Code 000000000500
 Date 11/13/2002
 Real Time 19:17
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000500

EDWIN LEWIS WB INTO QUORUM

Thursday, November 14, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	1	1	0	0	0										
01	3	3	0	0	0										
02	0	0	0	0	0										
03	0	0	0	0	0										
04	0	0	0	0	0										
05	6	0	1	2	3										
06	7	1	0	4	2										
07	53	11	10	14	18										
08	66	18	15	16	17										
09	59	14	14	10	21										
10	62	21	16	11	14										
11	163	27	37	52	47										
12	179	57	44	39	39										
13	101	28	27	27	19										
14	89	27	20	20	22										
15	131	36	27	30	30										
16	215	43	30	33	39										
17	304	51	37	43	39										
18	131	35	30	28	18										
19	71	18	22	16	15										
20	59	21	13	15	10										
21	37	10	16	7	14										
22	21	10	6	5	0										
23	12	8	3	1	0										
	1770	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 163
 AM Peak Hour Factor 78.37%
 PM Peak Hour Start 16:30
 AM Peak Hour Total 320
 PM Peak Hour Factor 74.77%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Addison, Texas TRAFFIC SIGNAL VOLUME WARRANT ANALYSIS

INTERSECTION NAME: Quorum Drive and Airport COUNT DATE: 2002

INTERSECTION CONDITION: # OF APPROACH LANES: 2

MAJOR STREET: Quorum Drive # OF APPROACH LANES: 2

MINOR STREET: Airport # OF APPROACH LANES: 2

ISOLATED COMMUNITY WITH POPULATION LESS THAN 10,000 (Y OR N): N N
85TH PERCENTILE SPEED GREATER THAN 40 MPH ON MAJOR STREET (Y OR N): N N

THRESHOLD VALUES	MAJOR ST BOTH APPROACHES	MINOR ST HIGHEST APPROACH	WARRANT 1, Condition A			WARRANT 1, Condition B			WARRANT 1, Combination Warrant						WARRANT 2	WARRANT 3
			MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET	CONDITION A		CONDITION B		WARRANT 2	WARRANT 3		
			600	200		500	100		480	160		720	80			
06:00 AM TO 07:00 AM	168	132					Y		Y				Y			
07:00 AM TO 08:00 AM	563	217		Y			Y		Y				Y			
08:00 AM TO 09:00 AM	736	218	Y	Y	Y		Y		Y			Y	Y	Y		
09:00 AM TO 10:00 AM	349	113					Y						Y			
10:00 AM TO 11:00 AM	300	93											Y			
11:00 AM TO 12:00 PM	588	162					Y		Y				Y			
12:00 PM TO 01:00 PM	621	205	Y	Y	Y		Y		Y				Y			
01:00 PM TO 02:00 PM	600	167	Y				Y		Y				Y			
02:00 PM TO 03:00 PM	430	113					Y						Y			
03:00 PM TO 04:00 PM	442	107					Y						Y			
04:00 PM TO 05:00 PM	780	140	Y				Y		Y				Y	Y	Y	
05:00 PM TO 06:00 PM	1,327	260	Y	Y	Y		Y		Y				Y	Y	Y	Y
06:00 PM TO 07:00 PM	665	117	Y				Y		Y				Y			
07:00 PM TO 08:00 PM	395	74														
08:00 PM TO 09:00 PM	201	52														
09:00 PM TO 10:00 PM	189	27														
8,336		2,198				3								6		1
			8 HOURS NEEDED NOT SATISFIED				8 HOURS NEEDED NOT SATISFIED				8 HOURS OF BOTH COND. A AND COND. B NEEDED NOT SATISFIED	4 HRS NEEDED NOT SATISFIED	1 HR NEEDED SATISFIED			

WARRANT 1 - Eight-Hour Vehicular Volume Warrant
 Condition A : Minimum Vehicular Volume
 Condition B : Interruption of Continuous Traffic
 Combination : Combination of Condition A and Condition B
 WARRANT 2 - Four-Hour Vehicular Volume Warrant

Study Type Volume (ch1)
 Location Code 000000000300
 Date 11/13/2002
 Real Time 19:00
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000300

QUORUM SB INTO AIRPORT

Thursday, November 14, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	10	5	2	2	1										
01	7	3	2	0	2										
02	2	0	1	0	1										
03	4	1	1	1	1										
04	6	1	3	1	1										
05	21	2	4	6	9										
06	94	15	21	23	35										
07	346	58	85	83	120										
08	435	96	133	120	86										
09	174	70	47	28	29										
10	127	37	27	31	32										
11	218	35	73	51	59										
12	246	50	62	64	69										
13	239	70	60	54	55										
14	154	36	40	43	35										
15	138	28	46	30	34										
16	220	48	48	52	72										
17	317	57	67	67	66										
18	188	70	49	29	40										
19	121	42	30	25	24										
20	78	25	24	13	16										
21	48	16	11	12	9										
22	50	26	10	7	7										
23	22	9	8	3	2										
	3265	Total					Total					Total			

Channel 1
 AM Peak Hour Start 7:45
 AM Peak Hour Total 469
 AM Peak Hour Factor 88.16%
 PM Peak Hour Start 17:00
 AM Peak Hour Total 317
 PM Peak Hour Factor 81.70%

Channel 2
 AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2
 AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Study Type Volume (ch1)
 Location Code 000000000490
 Date 11/13/2002
 Real Time 19:12
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000490

QUORUM NB INTO KELLER SPGS

Thursday, November 14, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	33	9	11	4	9										
01	22	6	6	4	6										
02	7	4	0	0	3										
03	8	4	2	1	1										
04	8	2	0	1	5										
05	21	5	2	4	10										
06	74	11	14	22	27										
07	217	33	59	57	68										
08	303	80	96	66	61										
09	175	45	46	35	49										
10	173	37	37	47	52										
11	370	70	99	98	103										
12	375	99	100	88	88										
13	361	101	98	75	87										
14	276	76	68	69	63										
15	304	66	70	87	81										
16	540	123	91	125	101										
17	1010	219	225	255	201										
18	477	162	127	112	76										
19	274	100	66	54	54										
20	123	43	19	30	31										
21	141	29	37	35	39										
22	136	32	27	33	44										
23	50	14	13	10	13										
	5478	Total				Total					Total				

Channel 1

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Site Name AIRPORT PKWY - QUORUM TO DALLAS PKWY CH.1=EB 2=WB
 Jurisdiction ADDISON, TX
 Study Type Volume (ch1 & 2-way)
 Location Code 11
 Direction None
 Date 09/09/2002
 Real Time 22:20
 Start Date 09/10/2002
 Start Time 00:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 41

Tuesday, September 10, 2002

HR Begin	Channel 1					Channel 2 (2-1)					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	3	2	0	1	0	5	3	0	2	0	8	5	0	3	0
01	9	0	8	0	1	4	0	3	0	1	13	0	11	0	2
02	1	0	0	1	0	7	4	0	1	2	8	4	0	2	2
03	3	1	0	0	2	3	1	0	0	2	6	2	0	0	4
04	4	2	0	1	1	8	2	1	2	3	12	4	1	3	4
05	8	1	1	5	1	50	4	9	18	19	58	5	10	23	20
06	21	11	1	2	7	132	21	23	36	52	153	32	24	38	59
07	69	14	8	16	31	217	58	61	49	49	286	72	69	65	80
08	110	28	3	27	21	219	50	54	50	65	329	76	68	77	86
09	67	25	12	24	6	113	39	25	26	23	160	64	37	50	29
10	50	10	16	11	13	93	25	16	25	27	143	35	32	36	40
11	81	14	29	22	16	162	31	41	38	52	243	45	70	60	68
12	84	15	19	23	27	205	45	47	68	45	289	60	66	95	68
13	103	27	27	24	20	167	37	35	42	35	270	39	59	63	59
14	70	22	20	16	16	113	25	23	19	33	183	50	43	47	46
15	66	13	19	14	21	107	21	24	26	36	173	34	42	40	57
16	84	27	20	25	12	140	36	27	42	33	224	68	47	67	47
17	82	25	23	20	14	260	38	45	67	11	342	48	59	81	154
18	59	13	20	12	14	117	38	37	19	23	176	51	67	37	37
19	46	15	6	15	10	74	22	16	20	12	120	37	24	35	24
20	28	8	6	6	8	52	12	16	8	16	80	27	22	12	22
21	25	7	5	10	5	27	10	5	16	4	52	17	12	14	9
22	22	4	3	2	2	31	12	6	7	7	53	26	9	9	9
23	15	4	1	1	3	21	10	4	2	5	36	17	8	3	8
	1110	Total				2327	Total				3437	Total			

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 120
 AM Peak Hour Factor 88.24 %
 PM Peak Hour Start 12:30
 PM Peak Hour Total 112
 PM Peak Hour Factor 66.67 %

Channel 2

AM Peak Hour Start 6:45
 AM Peak Hour Total 220
 AM Peak Hour Factor 90.16 %
 PM Peak Hour Start 17:00
 PM Peak Hour Total 260
 PM Peak Hour Factor 94.20 %

Channel 1 + 2

AM Peak Hour Start 8:00
 AM Peak Hour Total 329
 AM Peak Hour Factor 93.47 %

Addison, Texas TRAFFIC SIGNAL VOLUME WARRANT ANALYSIS

INTERSECTION NAME: Westgrove Drive and Quorum Drive

COUNT DATE: 2002

INTERSECTION CONDITION:

MAJOR STREET: Westgrove Drive
MINOR STREET: Quorum Drive

OF APPROACH LANES: 2
OF APPROACH LANES: 2

ISOLATED COMMUNITY WITH POPULATION LESS THAN 10,000 (Y OR N): N N
85TH PERCENTILE SPEED GREATER THAN 40 MPH ON MAJOR STREET (Y OR N): N N

THRESHOLD VALUES	MAJOR ST BOTH APPROACHES	MINOR ST HIGHEST APPROACH	WARRANT 1, Condition A			WARRANT 1, Condition B			WARRANT 1, Combination Warrant						WARRANT 2	WARRANT 3				
			MAJOR STREET	MINOR STREET	BOTH STREET MET	MAJOR STREET	MINOR STREET	BOTH STREET MET	MAJOR STREET	MINOR STREET	BOTH STREET MET	MAJOR STREET	MINOR STREET	BOTH STREET MET			WARRANT 2	WARRANT 3		
06:00 AM TO 07:00 AM	232	27	660	200		900	100		480	160		720	80							
07:00 AM TO 08:00 AM	1,045	84	Y			Y		Y	Y			Y	Y			Y				
08:00 AM TO 09:00 AM	1,166	173	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y				
09:00 AM TO 10:00 AM	442	91																		
10:00 AM TO 11:00 AM	396	59																		
11:00 AM TO 12:00 PM	583	195					Y		Y	Y	Y	Y	Y							
12:00 PM TO 01:00 PM	727	237	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y				
01:00 PM TO 02:00 PM	662	170	Y				Y		Y	Y	Y	Y	Y							
02:00 PM TO 03:00 PM	465	118					Y		Y	Y	Y	Y	Y							
03:00 PM TO 04:00 PM	550	123					Y		Y	Y	Y	Y	Y							
04:00 PM TO 05:00 PM	663	211	Y	Y	Y		Y		Y	Y	Y	Y	Y							
05:00 PM TO 06:00 PM	923	595	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y				
06:00 PM TO 07:00 PM	506	222		Y			Y		Y	Y	Y	Y	Y							
07:00 PM TO 08:00 PM	269	86																		
08:00 PM TO 09:00 PM	181	47																		
09:00 PM TO 10:00 PM	155	61																		
	8,987	2,511																		
			6 HOURS NEEDED NOT SATISFIED			9 HOURS NEEDED NOT SATISFIED			8 HOURS OF BOTH COND. A AND COND. B NEEDED			7			4		2		1	

WARRANT 1 - Eight-Hour Vehicular Volume Warrant
 Condition A : Minimum Vehicular Volume
 Condition B : Interruption of Continuous Traffic
 Combination : Combination of Condition A and Condition B
 WARRANT 2 - Four-Hour Vehicular Volume Warrant

Study Type Volume (ch1)
 Location Code 000000000350
 Date 11/13/2002
 Real Time 19:11
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000350

WESTGROVE WB INTO QUORUM

Thursday, November 14, 2002

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	19	2	10	6	1										
01	15	3	4	1	7										
02	14	2	9	0	3										
03	5	0	2	3	0										
04	11	2	1	7	1										
05	16	3	4	2	7										
06	164	12	32	34	86										
07	692	85	121	220	266										
08	677	203	138	138	138										
09	288	109	60	60	59										
10	278	70	64	52	92										
11	369	82	105	93	89										
12	451	132	105	107	102										
13	435	142	85	109	99										
14	302	76	79	79	76										
15	307	82	85	73	107										
16	364	87	74	101	102										
17	544	121	105	102	102										
18	304	124	88	110	52										
19	155	79	50	77	23										
20	115	32	34	23	26										
21	101	30	24	20	27										
22	53	6	15	8	13										
23	48	13	14	10	11										
	5727	Total					Total					Total			

Channel 1

AM Peak Hour Start 7:30
 AM Peak Hour Total 887
 AM Peak Hour Factor 85.95%
 PM Peak Hour Start 16:45
 AM Peak Hour Total 544
 PM Peak Hour Factor 79.53%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Study Type Volume (ch1)
 Location Code 000000000270
 Date 11/13/2002
 Real Time 19:08
 Start Time 00:00
 Sample Time 00:15
 Operator Number 000000
 Machine Number 000270

WESTGROVE EB INTO QUORUM

Thursday, November 14, 2002

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	16	3	6	4	3										
01	8	1	2	3	2										
02	5	3	1	0	1										
03	4	0	3	1	0										
04	11	4	1	1	5										
05	26	3	2	8	13										
06	68	7	15	18	28										
07	353	50	68	86	149										
08	479	67	150	107	77										
09	154	54	36	39	25										
10	118	35	21	29	33										
11	224	47	58	60	59										
12	276	63	57	66	54										
13	247	69	56	72	36										
14	163	27	48	30	27										
15	243	66	59	57	41										
16	299	63	67	81	48										
17	379	81	72	72	54										
18	204	65	67	35	27										
19	114	35	28	27	16										
20	66	18	33	27	12										
21	54	16	33	10	8										
22	47	20	13	9	16										
23	23	5	6	7	3										
	3581	Total				Total					Total				

Channel 1

AM Peak Hour Start 7:45
 AM Peak Hour Total 551
 AM Peak Hour Factor 87.18%
 PM Peak Hour Start 16:30
 AM Peak Hour Total 407
 PM Peak Hour Factor 78.27%

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 AM Peak Hour Total
 PM Peak Hour Factor

Addison, Texas TRAFFIC SIGNAL VOLUME WARRANT ANALYSIS

COUNT DATE: 2003

INTERSECTION NAME: Apache Road and Edwin Lewis Drive

INTERSECTION CONDITION:

MAJOR STREET: Apache Road
MINOR STREET: Edwin Lewis Drive

OF APPROACH LANES: 2
OF APPROACH LANES: 2

ISOLATED COMMUNITY WITH POPULATION LESS THAN 10,000 (Y OR N): N N
85TH PERCENTILE SPEED GREATER THAN 40 MPH ON MAJOR STREET (Y OR N): N N

THRESHOLD VALUES	MAJOR ST BOTH APPROACHES		MINOR ST HIGHEST APPROACH	WARRANT 1, Condition A			WARRANT 1, Condition B			WARRANT 1, Combination Warrant						WARRANT 2	WARRANT 3
	MAJOR STREET	MINOR STREET		MAJOR STREET	MINOR STREET	BOTH MET	MAJOR STREET	MINOR STREET	BOTH MET	CONDITION A		CONDITION B		WARRANT 2	WARRANT 3		
	600	200		800	100		480	180		720	80						
06:00 AM TO 07:00 AM	323	26	26														
07:00 AM TO 08:00 AM	955	61	61	Y			Y			Y							
08:00 AM TO 09:00 AM	1,043	50	50	Y			Y			Y							
09:00 AM TO 10:00 AM	661	33	33	Y			Y			Y							
10:00 AM TO 11:00 AM	515	41	41	Y			Y			Y							
11:00 AM TO 12:00 PM	715	81	81	Y			Y			Y							
12:00 PM TO 01:00 PM	913	92	92	Y			Y			Y							
01:00 PM TO 02:00 PM	925	86	86	Y			Y			Y							
02:00 PM TO 03:00 PM	719	81	81	Y			Y			Y							
03:00 PM TO 04:00 PM	686	87	87	Y			Y			Y							
04:00 PM TO 05:00 PM	872	93	93	Y			Y			Y							
05:00 PM TO 06:00 PM	1,465	177	177	Y			Y			Y							
06:00 PM TO 07:00 PM	1,023	89	89	Y			Y			Y							
07:00 PM TO 08:00 PM	819	58	58	Y			Y			Y							
08:00 PM TO 09:00 PM	557	32	32														
09:00 PM TO 10:00 PM		34	34														
	12,096	1,121	1,121														
				8 HOURS NEEDED NOT SATISFIED	0		8 HOURS NEEDED NOT SATISFIED	1		8 HOURS OF BOTH COND. A AND COND. B NEEDED NOT SATISFIED	5		4 HRS NEEDED NOT SATISFIED	1	1 HR NEEDED NOT SATISFIED		

WARRANT 1 - Eight-Hour Vehicular Volume Warrant
 Condition A : Minimum Vehicular Volume
 Condition B : Interruption of Continuous Traffic
 Combination : Combination of Condition A and Condition B
 WARRANT 2 - Four-Hour Vehicular Volume Warrant

Site Name Arapaho just east of Quorum 1=EB 2=WB
 Jurisdiction Addison, TX
 Study Type Volume (ch1 & ch2)
 Location Code 38
 Direction None
 Date 05/21/2003
 Real Time 01:07
 Start Date 05/21/2003
 Start Time 02:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 38

Thursday, May 22, 2003

HR	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	38	6	20	8	4	49	16	12	9	12	87	22	32	17	16
01	17	3	5	4	5	32	8	12	6	6	49	11	17	10	11
02	9	5	0	1	3	18	5	5	5	3	27	10	5	6	6
03	8	1	2	3	2	15	5	2	6	2	23	6	4	9	4
04	8	1	3	1	3	12	1	3	4	4	20	2	6	5	7
05	19	0	6	6	7	57	3	14	16	24	76	3	20	22	31
06	95	13	18	22	42	231	24	37	59	111	326	37	55	81	153
07	292	41	63	75	113	663	105	151	215	232	955	146	214	250	325
08	434	63	113	106	85	609	85	165	167	112	1043	295	278	273	197
09	269	86	57	77	49	392	108	102	97	85	661	194	159	174	134
10	181	49	37	40	55	334	98	76	67	95	515	145	113	107	150
11	274	52	75	80	67	441	86	109	117	129	715	138	184	197	196
12	379	77	100	99	99	534	127	127	148	169	913	202	227	276	237
13	383	118	116	79	79	442	118	128	89	107	825	236	244	168	177
14	357	100	80	94	74	362	90	85	91	94	719	190	165	167	169
15	319	72	60	101	86	369	82	90	85	90	688	154	159	159	176
16	418	104	73	111	80	454	88	104	108	154	872	192	172	210	234
17	705	210	93	121	130	760	173	161	236	130	1465	381	371	419	495
18	381	159	99	72	57	642	213	156	138	149	1023	367	254	212	208
19	243	87	70	62	44	576	186	129	131	130	819	253	198	198	174
20	152	30	45	37	40	405	106	98	74	80	557	136	143	158	129
21	131	36	33	38	26	169	46	48	36	39	300	82	87	72	65
22	117	36	33	27	21	128	39	29	29	31	245	74	58	68	52
23	72	20	21	12	19	85	28	26	19	18	157	46	47	26	37
	5301	Total				7779	Total				13080	Total			

Channel 1

AM Peak Hour Start 07:45
 AM Peak Hour Total 462
 AM Peak Hour Factor 88.85 %
 PM Peak Hour Start 16:45
 PM Peak Hour Total 705
 PM Peak Hour Factor 83.93 %

Channel 2

AM Peak Hour Start 07:30
 AM Peak Hour Total 737
 AM Peak Hour Factor 79.42 %
 PM Peak Hour Start 17:15
 PM Peak Hour Total 790
 PM Peak Hour Factor 81.28 %

Channel 1 + 2

AM Peak Hour Start 07:45
 AM Peak Hour Total 1191
 AM Peak Hour Factor 86.30 %

Site Name Edwin Lewis WB between Arapaho & Quorum
 Jurisdiction Addison, TX
 Study Type Volume (ch1)
 Location Code 40
 Direction None
 Date 05/21/2003
 Real Time 00:40
 Start Date 05/21/2003
 Start Time 01:00
 Sample Time 00:15
 Operator Number 0
 Machine Number 40

Thursday, May 22, 2003

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	11	2	2	1	6										
01	3	0	1	1	1										
02	0	0	0	0	0										
03	2	0	2	0	0										
04	2	2	0	0	0										
05	6	1	0	4	1										
06	26	3	6	8	9										
07	61	13	14	12	22										
08	50	14	19	7	10										
09	33	7	8	9	9										
10	41	7	13	14	7										
11	81	18	24	20	23										
12	92	25	20	22	25										
13	86	19	30	27	10										
14	81	16	21	19	25										
15	87	33	15	20	19										
16	93	24	17	27	25										
17	177	46	32	19	80										
18	89	26	20	20	23										
19	58	23	18	8	17										
20	32	7	9	16	2										
21	34	11	9	6	8										
22	29	12	7	7	3										
23	9	2	4	4	2										
	1183	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00
 AM Peak Hour Total 81
 AM Peak Hour Factor 72.32 %
 PM Peak Hour Start 17:00
 PM Peak Hour Total 177
 PM Peak Hour Factor 63.21 %

Channel 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor
 PM Peak Hour Start
 PM Peak Hour Total
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start
 AM Peak Hour Total
 AM Peak Hour Factor