

USH 10 and CTH AP
Calumet County
Signal # 304

File Name : USH 10 and CTH AP 20041014
Site Code : 00000001
Start Date : 10/14/2004
Page No : 1

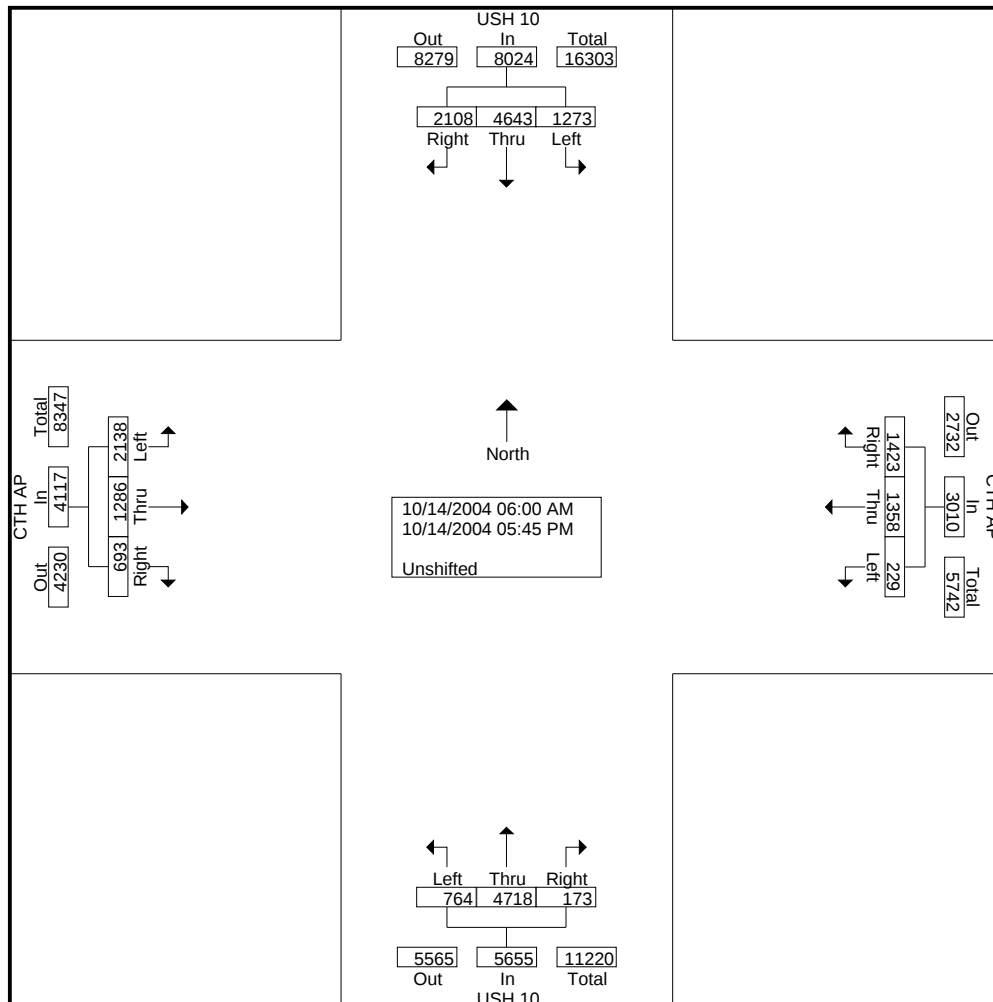
Groups Printed- Unshifted

	USH 10 From North				CTH AP From East				USH 10 From South				CTH AP From West				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
06:00 AM	11	51	8	70	23	15	4	42	2	84	4	90	4	7	17	28	230
06:15 AM	9	52	10	71	30	20	1	51	0	122	11	133	5	7	27	39	294
06:30 AM	22	76	12	110	59	17	6	82	3	143	15	161	6	6	24	36	389
06:45 AM	24	79	11	114	47	26	3	76	0	134	23	157	7	13	36	56	403
Total	66	258	41	365	159	78	14	251	5	483	53	541	22	33	104	159	1316
07:00 AM	34	92	15	141	66	32	12	110	3	122	16	141	14	7	39	60	452
07:15 AM	42	82	18	142	88	55	13	156	4	147	28	179	6	18	33	57	534
07:30 AM	42	78	24	144	77	51	7	135	4	180	30	214	8	11	35	54	547
07:45 AM	64	63	26	153	64	61	5	130	1	125	32	158	4	15	28	47	488
Total	182	315	83	580	295	199	37	531	12	574	106	692	32	51	135	218	2021
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
08:15 AM	38	73	16	127	33	38	10	81	4	116	26	146	7	9	40	56	410
08:30 AM	54	83	17	154	31	36	7	74	8	103	17	128	11	20	29	60	416
08:45 AM	71	71	21	163	31	26	4	61	3	97	16	116	9	14	32	55	395
Total	163	227	54	444	95	100	21	216	15	316	59	390	27	44	102	173	1223
09:00 AM	62	66	15	143	28	38	3	69	4	97	22	123	9	15	37	61	396
09:15 AM	68	62	12	142	21	30	4	55	0	99	21	120	18	22	33	73	390
09:30 AM	39	85	21	145	25	20	5	50	6	79	4	89	15	19	43	77	361
09:45 AM	43	73	7	123	21	26	2	49	5	103	17	125	11	24	24	59	356
Total	212	286	55	553	95	114	14	223	15	378	64	457	53	80	137	270	1503
*** BREAK ***																	
10:15 AM	45	67	19	131	25	25	3	53	0	94	16	110	7	23	40	70	364
10:30 AM	47	60	14	121	20	26	1	47	2	92	14	108	13	28	51	92	368
10:45 AM	52	85	12	149	14	24	3	41	5	82	11	98	8	32	53	93	381
Total	144	212	45	401	59	75	7	141	7	268	41	316	28	83	144	255	1113
11:00 AM	38	78	13	129	36	19	4	59	4	91	8	103	15	17	59	91	382
11:15 AM	39	80	35	154	23	19	4	46	4	81	14	99	12	26	44	82	381
11:30 AM	32	81	17	130	28	21	2	51	2	96	9	107	16	29	41	86	374
11:45 AM	42	85	9	136	24	23	2	49	8	85	9	102	16	28	54	98	385
Total	151	324	74	549	111	82	12	205	18	353	40	411	59	100	198	357	1522
12:00 PM	43	90	21	154	20	22	6	48	2	105	15	122	20	30	64	114	438
12:15 PM	36	79	16	131	26	28	6	60	10	71	13	94	13	24	49	86	371
12:30 PM	52	99	32	183	24	33	4	61	2	91	25	118	15	36	56	107	469
12:45 PM	86	92	24	202	18	33	3	54	0	111	23	134	16	27	54	97	487
Total	217	360	93	670	88	116	19	223	14	378	76	468	64	117	223	404	1765
01:00 PM	36	89	22	147	20	39	2	61	4	112	14	130	15	29	53	97	435
01:15 PM	50	95	22	167	23	19	4	46	3	89	10	102	17	30	46	93	408
01:30 PM	64	101	21	186	24	22	4	50	4	112	12	128	16	17	39	72	436
01:45 PM	59	80	16	155	22	34	7	63	5	83	11	99	22	33	59	114	431
Total	209	365	81	655	89	114	17	220	16	396	47	459	70	109	197	376	1710
02:00 PM	31	107	26	164	24	20	4	48	5	78	16	99	23	36	56	115	426
02:15 PM	39	96	32	167	27	17	3	47	3	115	20	138	20	31	34	85	437
02:30 PM	42	131	37	210	22	28	3	53	2	98	22	122	15	26	49	90	475
02:45 PM	30	121	34	185	15	36	7	58	3	87	17	107	18	38	68	124	474
Total	142	455	129	726	88	101	17	206	13	378	75	466	76	131	207	414	1812
03:00 PM	39	118	54	211	31	33	8	72	8	110	15	133	27	68	79	174	590
03:15 PM	36	151	53	240	26	30	7	63	3	109	16	128	24	32	92	148	579
03:30 PM	62	174	53	289	31	31	9	71	7	107	19	133	32	42	53	127	620
03:45 PM	49	151	43	243	34	38	2	74	3	100	22	125	23	45	60	128	570
Total	186	594	203	983	122	132	26	280	21	426	72	519	106	187	284	577	2359

File Name : USH 10 and CTH AP 20041014
 Site Code : 00000001
 Start Date : 10/14/2004
 Page No : 2

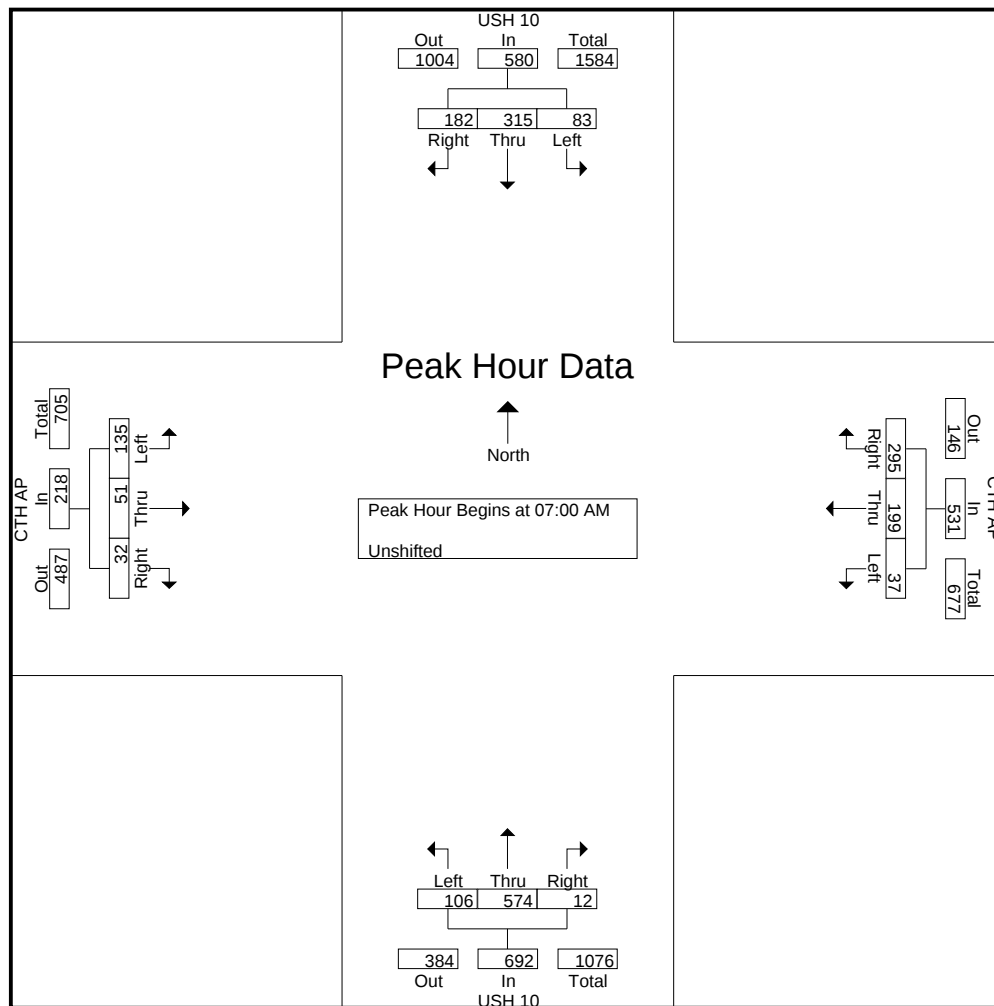
Groups Printed- Unshifted

	USH 10 From North				CTH AP From East				USH 10 From South				CTH AP From West				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Factor	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0		
*** BREAK ***																	
04:15 PM	34	174	47	255	40	30	3	73	8	114	20	142	16	42	75	133	603
04:30 PM	74	176	47	297	29	39	5	73	4	135	14	153	21	51	59	131	654
04:45 PM	96	171	54	321	32	42	4	78	6	122	16	144	25	54	50	129	672
Total	204	521	148	873	101	111	12	224	18	371	50	439	62	147	184	393	1929
05:00 PM	59	196	61	316	26	27	12	65	7	119	16	142	27	62	64	153	676
05:15 PM	56	204	87	347	39	35	10	84	5	103	27	135	35	45	48	128	694
05:30 PM	48	181	60	289	23	40	2	65	5	96	23	124	14	51	51	116	594
05:45 PM	69	145	59	273	33	34	9	76	2	79	15	96	18	46	60	124	569
Total	232	726	267	1225	121	136	33	290	19	397	81	497	94	204	223	521	2533
Grand Total	2108	4643	1273	8024	1423	1358	229	3010	173	4718	764	5655	693	1286	2138	4117	20806
Apprch %	26.3	57.9	15.9		47.3	45.1	7.6		3.1	83.4	13.5		16.8	31.2	51.9		
Total %	10.1	22.3	6.1	38.6	6.8	6.5	1.1	14.5	0.8	22.7	3.7	27.2	3.3	6.2	10.3	19.8	



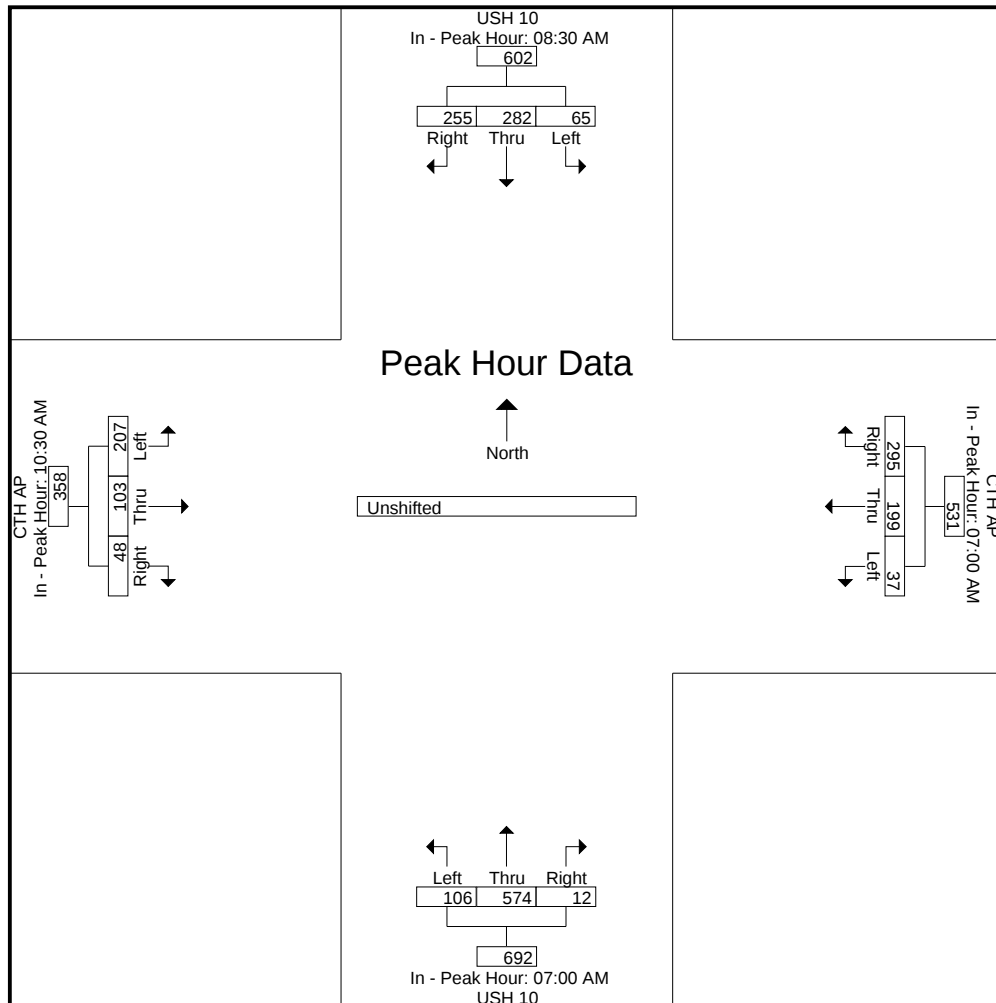
File Name : USH 10 and CTH AP 20041014
 Site Code : 00000001
 Start Date : 10/14/2004
 Page No : 3

	USH 10 From North				CTH AP From East				USH 10 From South				CTH AP From West				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	34	92	15	141	66	32	12	110	3	122	16	141	14	7	39	60	452
07:15 AM	42	82	18	142	88	55	13	156	4	147	28	179	6	18	33	57	534
07:30 AM	42	78	24	144	77	51	7	135	4	180	30	214	8	11	35	54	547
07:45 AM	64	63	26	153	64	61	5	130	1	125	32	158	4	15	28	47	488
Total Volume	182	315	83	580	295	199	37	531	12	574	106	692	32	51	135	218	2021
% App. Total	31.4	54.3	14.3		55.6	37.5	7		1.7	82.9	15.3		14.7	23.4	61.9		
PHF	.711	.856	.798	.948	.838	.816	.712	.851	.750	.797	.828	.808	.571	.708	.865	.908	.924



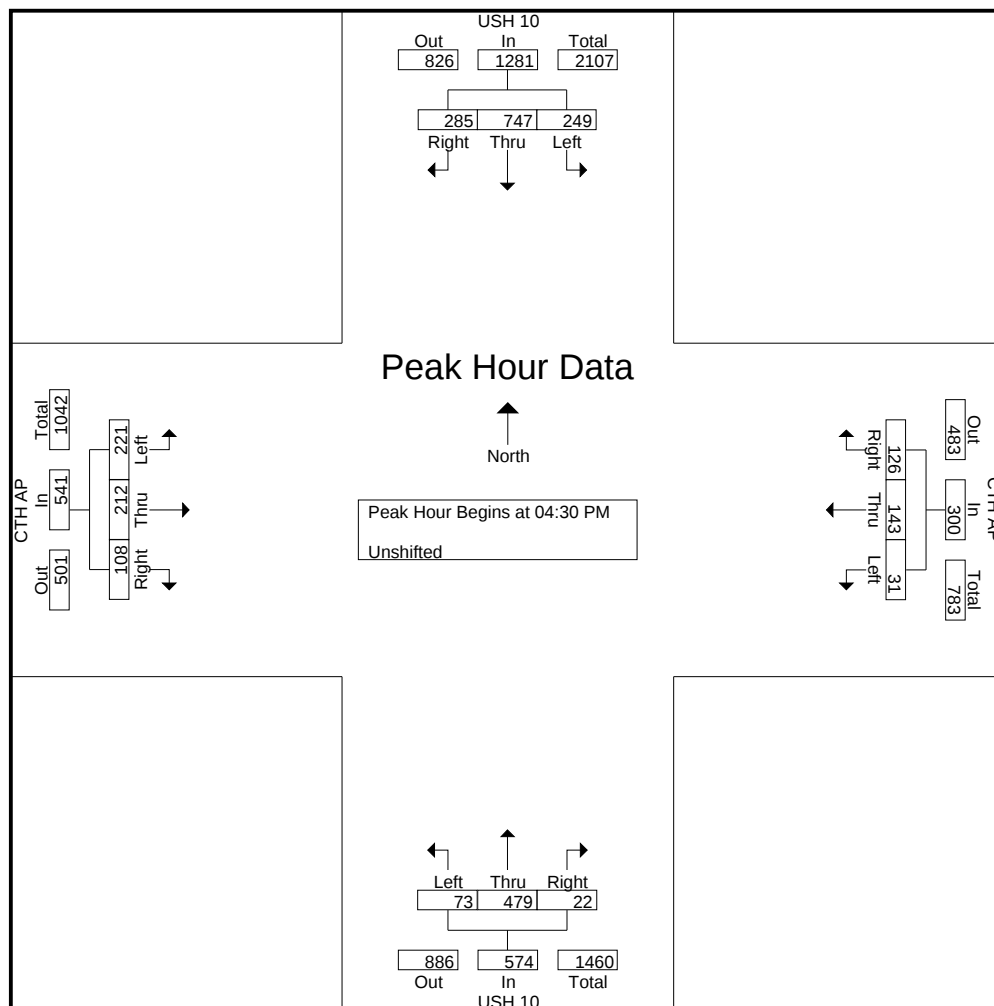
File Name : USH 10 and CTH AP 20041014
 Site Code : 00000001
 Start Date : 10/14/2004
 Page No : 4

	USH 10 From North				CTH AP From East				USH 10 From South				CTH AP From West				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Each Approach Begins at:																	
	08:30 AM				07:00 AM				07:00 AM				10:30 AM				
+0 mins.	54	83	17	154	66	32	12	110	3	122	16	141	13	28	51	92	
+15 mins.	71	71	21	163	88	55	13	156	4	147	28	179	8	32	53	93	
+30 mins.	62	66	15	143	77	51	7	135	4	180	30	214	15	17	59	91	
+45 mins.	68	62	12	142	64	61	5	130	1	125	32	158	12	26	44	82	
Total Volume	255	282	65	602	295	199	37	531	12	574	106	692	48	103	207	358	
% App. Total	42.4	46.8	10.8		55.6	37.5	7		1.7	82.9	15.3		13.4	28.8	57.8		
PHF	.898	.849	.774	.923	.838	.816	.712	.851	.750	.797	.828	.808	.800	.805	.877	.962	



File Name : USH 10 and CTH AP 20041014
 Site Code : 00000001
 Start Date : 10/14/2004
 Page No : 5

	USH 10 From North				CTH AP From East				USH 10 From South				CTH AP From West				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	74	176	47	297	29	39	5	73	4	135	14	153	21	51	59	131	654
04:45 PM	96	171	54	321	32	42	4	78	6	122	16	144	25	54	50	129	672
05:00 PM	59	196	61	316	26	27	12	65	7	119	16	142	27	62	64	153	676
05:15 PM	56	204	87	347	39	35	10	84	5	103	27	135	35	45	48	128	694
Total Volume	285	747	249	1281	126	143	31	300	22	479	73	574	108	212	221	541	2696
% App. Total	22.2	58.3	19.4		42	47.7	10.3		3.8	83.4	12.7		20	39.2	40.9		
PHF	.742	.915	.716	.923	.808	.851	.646	.893	.786	.887	.676	.938	.771	.855	.863	.884	.971



Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:15 PM				03:00 PM			
+0 mins.	74	176	47	297	29	39	5	73	8	114	20	142	27	68	79	174
+15 mins.	96	171	54	321	32	42	4	78	4	135	14	153	24	32	92	148
+30 mins.	59	196	61	316	26	27	12	65	6	122	16	144	32	42	53	127
+45 mins.	56	204	87	347	39	35	10	84	7	119	16	142	23	45	60	128
Total Volume	285	747	249	1281	126	143	31	300	25	490	66	581	106	187	284	577
% App. Total	22.2	58.3	19.4		42	47.7	10.3		4.3	84.3	11.4		18.4	32.4	49.2	
PHF	.742	.915	.716	.923	.808	.851	.646	.893	.781	.907	.825	.949	.828	.688	.772	.829

