J.M. Teague Engineering & Planning

525 North Main Street, Waynesville, NC
(828) 456-8383

File Name : US Business 19 @ US 25 (Weaverville Road) - Background
Site Code : 052416
Start Date : 5/24/2016
Page No : 1

Groups Printed- Passenger Vehicles - Duals - TTST - Twins

	US 25 (Weaverville Road) Southbound					Reynolds Village Westbound					US 25 (Weaverville Road) Northbound					US Business 19 Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
06:00 AM	0	13	15	0	28	0	2	0	0	2	11	6	0	0	17	7	1	12	0	20	67
06:15 AM	0	26	23	0	49	0	5	0	0	5	18	14	0	0	32	12	0	16	0	28	114
06:30 AM	6	27	33	0	66	0	6	1	0	7	11	20	0	0	31	31	0	18	0	49	153
06:45 AM	0	26	24	0	50	0	1	0	0	1	8	18	1	0	27	44	11	28	0	83	161
Total	6	92	95	0	193	0	14	1	0	15	48	58	1	0	107	94	12	74	0	180	495
07:00 AM	0	31	46	0	77	1	5	2	0	8	18	24	2	0	44	29	9	29	0	67	196
07:15 AM	2	52	47	0	101	0	7	0	0	7	17	35	0	0	52	43	3	55	0	101	261
07:30 AM	3	100	66	1	170	0	4	0	0	4	19	39	0	0	58	50	11	94	1	156	388
07:45 AM	11	105	47	0	163	0	2	0	0	2	32	52	2	0	86	56	22	95	0	173	424
Total	16	288	206	1	511	1	18	2	0	21	86	150	4	0	240	178	45	273	1	497	1269
08:00 AM	3	105	53	0	161	0	1	0	0	1	23	56	5	0	84	56	19	106	0	181	427
08:15 AM	2	131	89	0	222	0	8	1	0	9	31	43	2	0	76	62	14	112	0	188	495
08:30 AM	3	89	59	0	151	0	5	1	0	6	34	50	1	0	85	67	15	56	0	138	380
08:45 AM	6	89	60	1	156	0	1	4	0	5	31	58	3	0	92	56	14	70	1	141	394
Total	14	414	261	1	690	0	15	6	0	21	119	207	11	0	337	241	62	344	1	648	1696
09:00 AM	3	55	41	0	99	1	11	5	0	17	31	55	3	0	89	33	12	55	0	100	305
09:15 AM	1	65	29	0	95	0	5	2	0	7	34	39	2	0	75	53	13	56	0	122	299
09:30 AM	4	75	39	0	118	0	3	6	0	9	42	52	1	0	95	33	15	34	0	82	304
09:45 AM	5	55	45	0	105	1	6	3	0	10	37	48	3	0	88	38	22	42	0	102	305
Total	13	250	154	0	417	2	25	16	0	43	144	194	9	0	347	157	62	187	0	406	1213
10:00 AM	1	7	41	0	49	0	4	1	0	5	33	54	2	0	89	47	8	47	0	102	245
10:15 AM	3	55	43	0	101	0	5	4	0	9	47	47	1	0	95	29	13	58	0	100	305
10:30 AM	2	49	31	0	82	3	9	5	0	17	40	51	1	0	92	53	13	41	0	107	298
10:45 AM	4	45	51	0	100	2	6	3	0	11	41	56	3	0	100	36	11	48	1	96	307
Total	10	156	166	0	332	5	24	13	0	42	161	208	7	0	376	165	45	194	1	405	1155
11:00 AM	4	64	37	0	105	4	13	2	0	19	38	59	3	0	100	36	12	37	0	85	309
11:15 AM	4	74	52	0	130	0	1	0	0	1	61	59	6	0	126	36	6	42	1	85	342
11:30 AM	2	60	51	0	113	4	5	1	0	10	48	64	4	0	116	50	8	34	0	92	331
11:45 AM	3	79	42	0	124	6	12	1	0	19	45	82	3	0	130	50	9	36	0	95	368
Total	13	277	182	0	472	14	31	4	0	49	192	264	16	0	472	172	35	149	1	357	1350
12:00 PM	4	89	49	0	142	4	8	4	0	16	47	75	2	0	124	42	7	43	0	92	374
12:15 PM	6	90	45	0	141	2	10	13	0	25	59	79	1	0	139	45	12	27	0	84	389
12:30 PM	5	91	53	0	149	1	4	2	0	7	46	85	1	0	132	52	4	33	0	89	377
12:45 PM	5	67	40	0	112	0	9	0	0	9	55	92	0	0	147	55	17	35	0	107	375
Total	20	337	187	0	544	7	31	19	0	57	207	331	4	0	542	194	40	138	0	372	1515
01:00 PM	3	66	37	1	107	2	10	2	0	14	42	83	4	0	129	40	19	36	0	95	345

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Groups Printed- Passenger Vehicles - Duals - TTST - Twins

	US 25 (Weaverville Road) Southbound					Reynolds Village Westbound					US 25 (Weaverville Road) Northbound					US Business 19 Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
01:15 PM	4	80	51	0	135	1	6	1	0	8	44	85	3	0	132	42	12	31	0	85	360
01:30 PM	3	75	42	1	121	3	3	0	0	6	45	69	2	0	116	49	7	37	0	93	336
01:45 PM	5	92	48	0	145	0	8	3	0	11	44	89	3	0	136	52	17	21	1	91	383
Total	15	313	178	2	508	6	27	6	0	39	175	326	12	0	513	183	55	125	1	364	1424
02:00 PM	3	70	45	0	118	2	7	1	0	10	35	72	4	0	111	29	16	48	0	93	332
02:15 PM	7	49	39	0	95	0	11	4	0	15	45	64	4	0	113	46	13	27	0	86	309
02:30 PM	4	72	43	0	119	0	7	1	0	8	36	82	1	0	119	46	14	34	0	94	340
02:45 PM	11	102	56	0	169	0	7	1	0	8	54	79	11	0	144	63	11	34	0	108	429
Total	25	293	183	0	501	2	32	7	0	41	170	297	20	0	487	184	54	143	0	381	1410
03:00 PM	5	74	63	0	142	1	3	1	0	5	48	82	2	0	132	58	11	35	0	104	383
03:15 PM	3	76	83	0	162	1	2	5	0	8	55	89	3	0	147	54	13	33	0	100	417
03:30 PM	3	65	82	0	150	1	10	3	1	15	64	89	3	0	156	51	16	58	0	125	446
03:45 PM	7	79	61	0	147	0	4	1	0	5	42	97	0	0	139	53	18	32	0	103	394
Total	18	294	289	0	601	3	19	10	1	33	209	357	8	0	574	216	58	158	0	432	1640
04:00 PM	2	61	61	0	124	2	8	12	0	22	61	96	2	0	159	37	16	20	0	73	378
04:15 PM	2	70	54	0	126	1	9	1	0	11	58	93	2	0	153	59	18	37	0	114	404
04:30 PM	3	76	43	0	122	0	5	1	0	6	69	106	4	0	179	65	14	31	0	110	417
04:45 PM	0	81	54	0	135	0	15	7	0	22	54	112	1	0	167	70	12	40	0	122	446
Total	7	288	212	0	507	3	37	21	0	61	242	407	9	0	658	231	60	128	0	419	1645
05:00 PM	1	76	91	0	168	3	14	2	0	19	83	124	3	0	210	70	17	35	0	122	519
05:15 PM	6	58	55	0	119	0	11	2	0	13	73	105	4	0	182	67	21	38	0	126	440
05:30 PM	4	79	64	0	147	1	13	2	0	16	72	92	0	0	164	65	12	48	0	125	452
05:45 PM	10	62	59	0	131	3	9	3	0	15	82	107	2	0	191	63	12	35	0	110	447
Total	21	275	269	0	565	7	47	9	0	63	310	428	9	0	747	265	62	156	0	483	1858
06:00 PM	1	63	40	0	104	4	22	6	0	32	79	88	2	0	169	50	14	32	0	96	401
06:15 PM	1	54	49	0	104	0	6	2	0	8	51	85	1	0	137	55	9	33	0	97	346
06:30 PM	6	47	40	0	93	0	16	4	0	20	54	57	1	0	112	47	7	28	0	82	307
06:45 PM	2	60	36	0	98	0	9	5	0	14	53	71	1	0	125	33	9	27	1	70	307
Total	10	224	165	0	399	4	53	17	0	74	237	301	5	0	543	185	39	120	1	345	1361
Grand Total	188	3501	2547	4	6240	54	373	131	1	559	2300	3528	115	0	5943	2465	629	2189	6	5289	18031
Apprch %	3	56.1	40.8	0.1		9.7	66.7	23.4	0.2		38.7	59.4	1.9	0		46.6	11.9	41.4	0.1		
Total %	1	19.4	14.1	0	34.6	0.3	2.1	0.7	0	3.1	12.8	19.6	0.6	0	33	13.7	3.5	12.1	0	29.3	
Passenger Vehicles	185	3461	2516	4	6166	54	371	127	1	553	2273	3515	110	0	5898	2423	623	2171	6	5223	17840
% Passenger Vehicles	98.4	98.9	98.8	100	98.8	100	99.5	96.9	100	98.9	98.8	99.6	95.7	0	99.2	98.3	99	99.2	100	98.8	98.9
Duals	2	39	29	0	70	0	2	4	0	6	22	11	5	0	38	34	6	13	0	53	167
% Duals	1.1	1.1	1.1	0	1.1	0	0.5	3.1	0	1.1	1	0.3	4.3	0	0.6	1.4	1	0.6	0	1	0.9
TTST	1	1	2	0	4	0	0	0	0	0	5	2	0	0	7	8	0	5	0	13	24
% TTST	0.5	0	0.1	0	0.1	0	0	0	0	0	0.2	0.1	0	0	0.1	0.3	0	0.2	0	0.2	0.1
Twins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Twins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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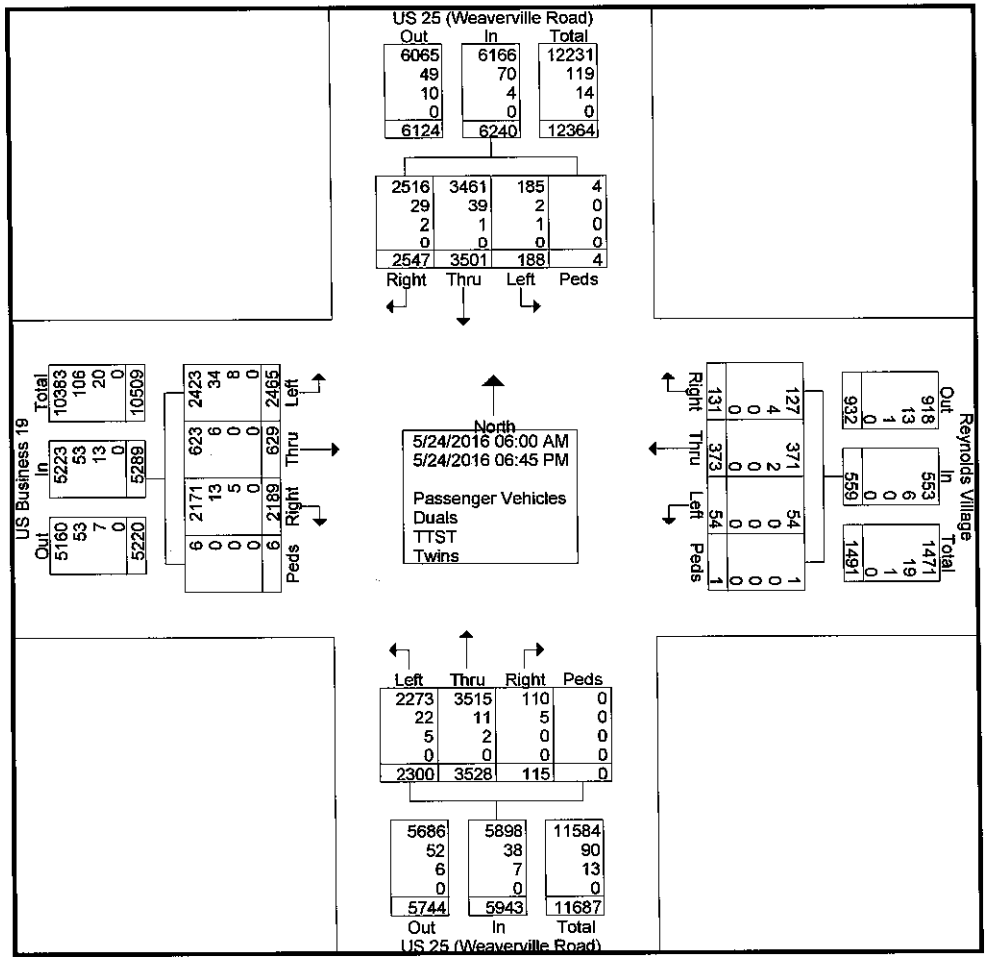

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	US 25 (Weaverville Road) Southbound					Reynolds Village Westbound					US 25 (Weaverville Road) Northbound					US Business 19 Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	3	100	66	1	170	0	4	0	0	4	19	39	0	0	58	50	11	94	1	156	388
07:45 AM	11	105	47	0	163	0	2	0	0	2	32	52	2	0	86	56	22	95	0	173	424
08:00 AM	3	105	53	0	161	0	1	0	0	1	23	56	5	0	84	56	19	106	0	181	427
08:15 AM	2	131	89	0	222	0	8	1	0	9	31	43	2	0	76	62	14	112	0	188	495
Total Volume	19	441	255	1	716	0	15	1	0	16	105	190	9	0	304	224	66	407	1	698	1734
% App. Total	2.7	61.6	35.6	0.1		0	93.8	6.2	0		34.5	62.5	3	0		32.1	9.5	58.3	0.1		
PHF	.432	.842	.716	.250	.806	.000	.469	.250	.000	.444	.820	.848	.450	.000	.884	.903	.750	.908	.250	.928	.876
Passenger Vehicles	17	434	248	1	700	0	15	1	0	16	101	190	6	0	297	220	66	405	1	692	1705
% Passenger Vehicles	89.5	98.4	97.3	100	97.8	0	100	100	0	100	96.2	100	66.7	0	97.7	98.2	100	99.5	100	99.1	98.3
Duals	2	6	7	0	15	0	0	0	0	0	4	0	3	0	7	3	0	1	0	4	26
% Duals	10.5	1.4	2.7	0	2.1	0	0	0	0	0	3.8	0	33.3	0	2.3	1.3	0	0.2	0	0.6	1.5
TTST	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	3
% TTST	0	0.2	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.4	0	0.2	0	0.3	0.2
Twins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Twins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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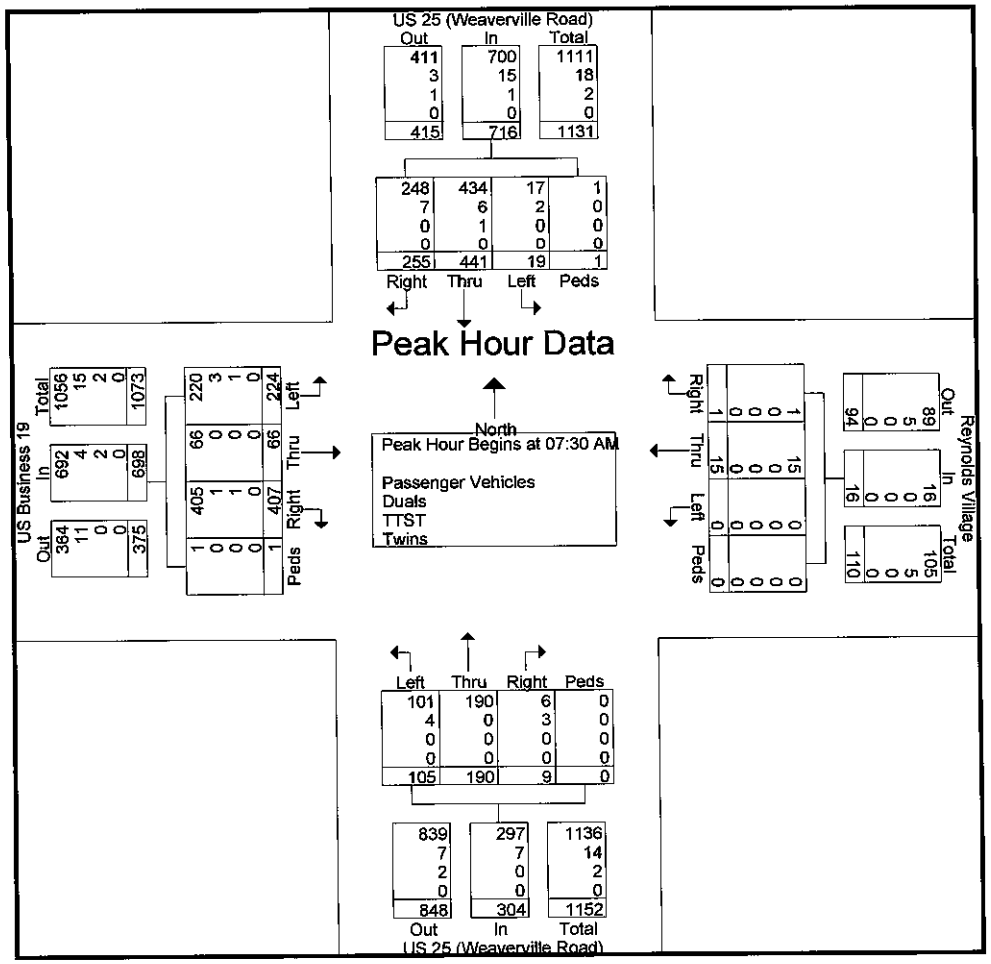

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	US 25 (Weaverville Road) Southbound					Reynolds Village Westbound					US 25 (Weaverville Road) Northbound					US Business 19 Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	1	76	91	0	168	3	14	2	0	19	83	124	3	0	210	70	17	35	0	122	519
05:15 PM	6	58	55	0	119	0	11	2	0	13	73	105	4	0	182	67	21	38	0	126	440
05:30 PM	4	79	64	0	147	1	13	2	0	16	72	92	0	0	164	65	12	48	0	125	452
05:45 PM	10	62	59	0	131	3	9	3	0	15	82	107	2	0	191	63	12	35	0	110	447
Total Volume	21	275	269	0	565	7	47	9	0	63	310	428	9	0	747	265	62	156	0	483	1858
% App. Total	3.7	48.7	47.6	0		11.1	74.6	14.3	0		41.5	57.3	1.2	0		54.9	12.8	32.3	0		
PHF	.525	.870	.739	.000	.841	.583	.839	.750	.000	.829	.934	.863	.563	.000	.889	.946	.738	.813	.000	.958	.895
Passenger Vehicles	21	274	268	0	563	7	47	8	0	62	308	427	9	0	744	263	61	156	0	480	1849
% Passenger Vehicles	100	99.6	99.6	0	99.6	100	100	88.9	0	98.4	99.4	99.8	100	0	99.6	99.2	98.4	100	0	99.4	99.5
Duals	0	1	1	0	2	0	0	1	0	1	2	1	0	0	3	2	1	0	0	3	9
% Duals	0	0.4	0.4	0	0.4	0	0	11.1	0	1.6	0.6	0.2	0	0	0.4	0.8	1.6	0	0	0.6	0.5
TTST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% TTST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Twins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Twins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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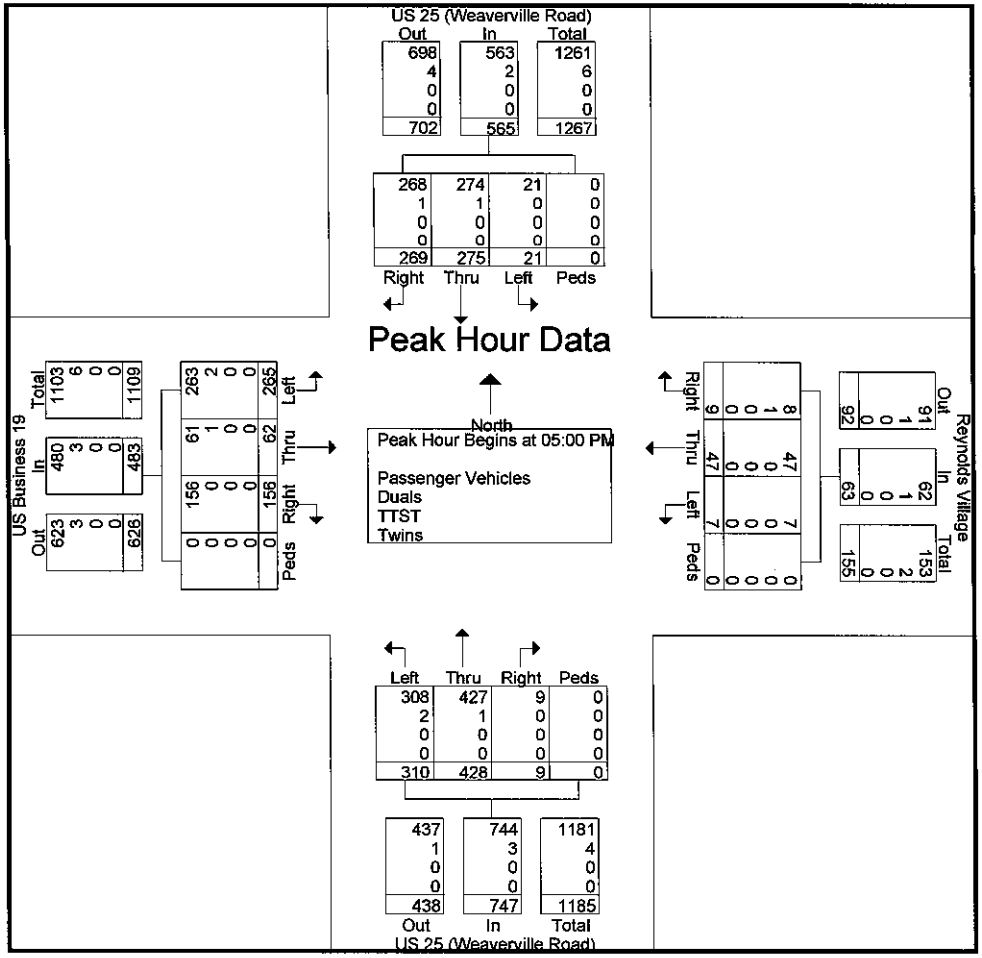
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