

Intersection Delay Study - Field Sheet

Request No.:
 Job No.:

Path: L:\TRAFFIC\302385\11\

Location:
 Date:
 Direction:

Weather:
 Recorder:
 Start Time:
 (Military)

Location Characteristics:

Number Of Lanes :	<input type="text" value="1"/>	Turning Lanes	<input type="text" value="0"/>
Number Of Pedestrians:	<input type="text" value="0"/>	Parking	<input type="text" value="No"/>
Traffic Control Devices :	<input type="text" value="SS"/>	Transit Stop (Y/N)	<input type="text" value="No"/>
Type of Delay (Fixed/ Operational):	<input type="text"/>		

Time Interval (hh:mm):

No.	Begin	End	Total Number of Vehicles Stopped In Approach At Time:				Approach Volume:		
			0 SEC+	15 SEC +	30 SEC+	45 SEC+	Number Stopped	Number not Stopped	
1	7:15	7:16	0	0	0	0	0	0	
2	7:16	7:17	0	0	3	1	4	0	
3	7:17	7:18	0	0	0	0	0	0	
4	7:18	7:19	0	0	0	0	0	0	
5	7:19	7:20	0	1	2	2	2	0	
6	7:20	7:21	0	0	0	0	0	0	
7	7:21	7:22	0	0	0	0	0	0	
8	7:22	7:23	0	0	0	0	0	0	
9	7:23	7:24	0	0	1	1	1	0	
10	7:24	7:25	1	1	1	1	0	0	
11	7:25	7:26	1	0	0	0	0	0	
12	7:26	7:27	1	0	0	0	1	0	
13	7:27	7:28	0	0	0	0	0	0	
14	7:28	7:29	1	1	2	2	2	0	
15	7:29	7:30	1	1	1	1	0	0	
SUBTOTAL			5	4	10	8	10	0	
TOTAL			27				10		

Total Delay = Total Number Stopped X Sampling Interval
 = X = Veh-Sec/ 3600 = Veh - Hr

Average Delay Per Stopped Vehicle = Total Delay / Number of Stopped Vehicles
 = / = Sec

Average Delay Per Approach Vehicle = Total Delay / Approach Volume
 = / = Sec

Percent of Vehicles Stopped = Number of Stopped Vehicles / Approach Volume
 = / =

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Traffic Control Devices :	<input type="text" value="SS"/>	Transit Stop (Y/N)	<input type="text" value="No"/>
Type of Delay (Fixed/ Operational):	<input type="text"/>		

Time Interval (hh:mm):

No.	Begin	End	Total Number of Vehicles Stopped In Approach At Time:				Approach Volume:	
			0 SEC+	15 SEC +	30 SEC+	45 SEC+	Number Stopped	Number not Stopped
1	7:30	7:31	1	1	0	0	1	0
2	7:31	7:32	1	1	1	1	1	0
3	7:32	7:33	3	0	0	0	2	0
4	7:33	7:34	0	0	0	0	0	0
5	7:34	7:35	0	0	0	0	0	3
6	7:35	7:36	0	0	0	0	0	0
7	7:36	7:37	0	0	0	0	0	1
8	7:37	7:38	0	0	0	0	0	0
9	7:38	7:39	0	0	0	0	0	0
10	7:39	7:40	0	0	0	1	1	0
11	7:40	7:41	0	0	0	0	0	1
12	7:41	7:42	1	1	1	0	1	0
13	7:42	7:43	1	0	0	3	4	0
14	7:43	7:44	2	2	1	2	1	0
15	7:44	7:45	2	2	0	0	0	1
SUBTOTAL			11	7	3	7	11	6
TOTAL				28			17	

Total Delay = Total Number Stopped X Sampling Interval
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Average Delay Per Stopped Vehicle = Total Delay / Number of Stopped Vehicles
 = / = Sec

Average Delay Per Approach Vehicle = Total Delay / Approach Volume
 = / = Sec

Percent of Vehicles Stopped = Number of Stopped Vehicles / Approach Volume
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 Job No.:

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 Direction:

Weather:
 Recorder:
 Start Time:
 (Military)

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Number Of Pedestrians:	<input type="text" value="0"/>	Parking	<input type="text" value="No"/>
Traffic Control Devices :	<input type="text" value="SS"/>	Transit Stop (Y/N)	<input type="text" value="No"/>
Type of Delay (Fixed/ Operational):	<input type="text"/>		

Time Interval (hh:mm):

No.	Begin	End	Total Number of Vehicles Stopped In Approach At Time:				Approach Volume:	
			0 SEC+	15 SEC +	30 SEC+	45 SEC+	Number Stopped	Number not Stopped
1	7:45	7:46	0	0	0	0	0	0
2	7:46	7:47	0	0	0	1	1	1
3	7:47	7:48	2	2	2	1	1	0
4	7:48	7:49	1	2	0	0	1	1
5	7:49	7:50	0	0	0	1	1	0
6	7:50	7:51	1	0	0	0	1	1
7	7:51	7:52	0	2	2	0	3	0
8	7:52	7:53	1	0	5	2	6	0
9	7:53	7:54	0	0	0	0	0	1
10	7:54	7:55	1	0	0	0	1	1
11	7:55	7:56	0	2	2	0	2	2
12	7:56	7:57	0	0	0	0	0	1
13	7:57	7:58	1	0	0	0	1	0
14	7:58	7:59	0	0	3	1	3	0
15	7:59	8:00	0	1	1	2	3	0
SUBTOTAL			7	9	15	8	24	8
TOTAL				39			32	

Total Delay = Total Number Stopped X Sampling Interval
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Average Delay Per Stopped Vehicle = Total Delay / Number of Stopped Vehicles
 = / = Sec

Average Delay Per Approach Vehicle = Total Delay / Approach Volume
 = / = Sec

Percent of Vehicles Stopped = Number of Stopped Vehicles / Approach Volume
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 (Military)

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Traffic Control Devices :	<input type="text" value="SS"/>	Transit Stop (Y/N)	<input type="text" value="No"/>
Type of Delay (Fixed/ Operational):	<input type="text"/>		

Time Interval (hh:mm):

No.	Begin	End	Total Number of Vehicles Stopped In Approach At Time:				Approach Volume:	
			0 SEC+	15 SEC +	30 SEC+	45 SEC+	Number Stopped	Number not Stopped
1	8:00	8:01	1	1	1	4	5	0
2	8:01	8:02	3	4	3	4	2	0
3	8:02	8:03	4	4	4	5	3	0
4	8:03	8:04	4	5	5	5	4	0
5	8:04	8:05	3	3	3	0	1	0
6	8:05	8:06	1	1	0	0	1	2
7	8:06	8:07	0	1	1	0	2	2
8	8:07	8:08	2	2	1	0	3	1
9	8:08	8:09	0	0	0	0	0	0
10	8:09	8:10	0	0	0	0	4	4
11	8:10	8:11	3	2	1	0	4	1
12	8:11	8:12	1	0	3	3	5	0
13	8:12	8:13	4	2	1	1	1	0
14	8:13	8:14	1	1	1	1	0	0
15	8:14	8:15	1	1	2	5	6	1
SUBTOTAL			28	27	26	28	41	11
TOTAL				109			52	

Total Delay = Total Number Stopped X Sampling Interval
 = X = Veh-Sec/ 3600 = Veh - Hr

Average Delay Per Stopped Vehicle = Total Delay / Number of Stopped Vehicles
 = / = Sec

Average Delay Per Approach Vehicle = Total Delay / Approach Volume
 = / = Sec

Percent of Vehicles Stopped = Number of Stopped Vehicles / Approach Volume
 = / =

Total Hour

Intersection Delay Study - Field Sheet

Request No.: 0
Job No.: 302-385.00

Path: L:\TRAFFIC\302385\11\

Location: DE 52 @ Center Meeting Road
Date: 5/12/2005
Direction: WB

Weather: warm and clear
Recorder: SSG
Start Time: 7:15 (Military)

Location Characteristics:

Number Of Lanes: 1
Number Of Pedestrians: 0
Traffic Control Devices: SS
Type of Delay (Fixed/ Operational): 0
Time Interval (hh:mm): 0:15
Turning Lanes: 0
Parking: No
Transit Stop (Y/N): No

Table with columns: No, Begin, End, Total Number of Vehicles Stopped In Approach At Time (0 SEC+, 15 SEC+, 30 SEC+, 45 SEC+), Approach Volume (Number Stopped, Number not Stopped). Rows 1-15 and SUBTOTAL/TOTAL.

Total Delay = Total Number Stopped X Sampling Interval
= 203 X 15 = 3045 Veh-Sec/ 3600 = 0.85 Veh - Hr

Average Delay Per Stopped Vehicle = Total Delay / Number of Stopped Vehicles
= 3045 / 86 = 35.4 Sec

Average Delay Per Approach Vehicle = Total Delay / Approach Volume
= 3045 / 111 = 27.4 Sec

Percent of Vehicles Stopped = Number of Stopped Vehicles / Approach Volume
= 86 / 111 = 0.8

Total Hour

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