

## TRAFFIC ANALYSIS REPORT

For Project: Loudwater

Location/Name: 2018-10-01 London Rd Birfield Westbound

Report Generated: 01/10/2018 09:57:58

Speed Intervals = 5 mph

Time Intervals = 5 minutes

Traffic Report From 12/09/2018 00:05:00 through 01/10/2018 09:35:00

85th Percentile Speed = 32.5 mph

85th Percentile Vehicles = 204,949 counts

Max Speed = 75.0 mph on 27/09/2018 23:00:00

Total Vehicles = 241,116 counts

AADT: 12431.3

Volumes - weekly vehicle counts

Time	5 Day	7 Day
Average Daily	12,268	12,084
AM peak 8:00 to 9:00	772	655
PM peak 6:00 to 7:00	959	912

Speed

Speed limit: 30 mph

85th Percentile Speed: 32.5 mph

Average Speed: 25.3 mph

### 85th percentile speeds, counts and total counts by day:

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
13/09/2018 00:00:00	30.8	10878	12798	60	34.1	17.2%
14/09/2018 00:00:00	31.1	11363	13368	65	34.2	18.1%
15/09/2018 00:00:00	31.6	11457	13479	60	34.1	19.9%

16/09/2018 00:00:00	33.5	10694	12581	70	34.4	30.2%
17/09/2018 00:00:00	34.1	9183	10803	70	34.4	35.5%
18/09/2018 00:00:00	31.5	10715	12606	60	34.0	19.6%
19/09/2018 00:00:00	30.7	10795	12700	60	34.2	16.6%
20/09/2018 00:00:00	31.7	10960	12894	70	34.1	20.1%
21/09/2018 00:00:00	30.9	11051	13001	60	34.1	17.4%
22/09/2018 00:00:00	32.4	11597	13644	70	34.3	22.9%
23/09/2018 00:00:00	33.2	10507	12361	65	34.4	27.3%
24/09/2018 00:00:00	34.2	8642	10167	70	34.5	37.3%
25/09/2018 00:00:00	32.2	10832	12743	70	34.2	22.1%
26/09/2018 00:00:00	30.9	10742	12638	65	34.3	17.4%
27/09/2018 00:00:00	30.6	10737	12632	65	34.2	16.5%
28/09/2018 00:00:00	32.2	10928	12857	75	34.3	22.0%
29/09/2018 00:00:00	32.4	11633	13686	65	34.3	23.2%
30/09/2018 00:00:00	33.7	10951	12883	65	34.4	32.0%
01/10/2018 00:00:00	34.3	9289	10928	70	34.7	35.5%
01/10/2018 09:35:00	34.9	1995	2347	70	35.0	37.6%

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
0 - 1	207	236	408	376	566	704	854	358.6	779	38.1
1 - 2	104	98	171	209	249	425	535	166.2	480	40
2 - 3	65	78	154	142	147	322	337	117.2	329.5	41.6
3 - 4	51	60	84	115	127	234	234	87.4	234	40.6
4 - 5	92	95	133	163	175	171	182	131.6	176.5	40.8
5 - 6	183	180	279	241	281	203	163	232.8	183	39.1
6 - 7	480	507	819	802	748	410	235	671.2	322.5	36.7
7 - 8	1241	1234	1829	1930	1946	870	414	1636	642	33.7
8 - 9	1576	1582	2278	2263	2370	1463	755	2013.8	1109	29.1
9 - 10	1397	1354	2034	1991	2060	1840	1145	1767.2	1492.5	32.2

<b>Hour</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	<b>Week Day Avg</b>	<b>Weekend Avg</b>	<b>Week Day 85% Avg Speed</b>
10 - 11	1272	1261	2005	1919	1943	2177	2044	1680	2110.5	32.4
11 - 12	1391	1341	2168	2109	2261	2523	2550	1854	2536.5	31.4
12 - 13	1518	1487	2364	2336	2690	2884	2677	2079	2780.5	30.6
13 - 14	1623	1562	2328	2504	2697	2811	2667	2142.8	2739	30.3
14 - 15	1694	1674	2512	2591	2746	2713	2670	2243.4	2691.5	29.9
15 - 16	1883	1767	2729	2732	2866	2598	2606	2395.4	2602	29.2
16 - 17	1864	1895	2754	2893	2725	2758	2295	2426.2	2526.5	27.5
17 - 18	1621	1589	2408	2412	2464	2543	1860	2098.8	2201.5	20.9
18 - 19	1921	1980	2840	2936	3027	2560	1862	2540.8	2211	25.7
19 - 20	1868	1876	2770	2728	2729	2137	1720	2394.2	1928.5	29.4
20 - 21	1313	1281	1989	2071	2044	1748	1565	1739.6	1656.5	32.6
21 - 22	956	1012	1450	1645	1616	1323	1145	1335.8	1234	33.8
22 - 23	622	754	1105	1294	1350	1244	862	1025	1053	34.7
23 - 24	407	435	713	824	982	1164	521	672.2	842.5	37.2
Totals	25349	25338	38324	39226	40809	37825	31898			
% of Total	10.6%	10.6%	16.1%	16.4%	17.1%	15.8%	13.4%			

