

1150 Arrochar Prescot Road Melling
Forecasts of Trip Generation (Lawful Use vs Proposed Use)

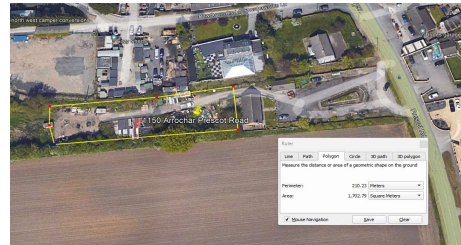
Trip Generation of Current Lawful Use as Storage Facility

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
Calculation Factor: 100 sqm
Count Type: TOTAL VEHICLES

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00		2	2495	0	2	2495	0	2	2495
06:00-07:00		2	2495	0.04	2	2495	0.04	2	2495
07:00-08:00		5	3396	0.224	5	3396	0.082	5	3396
08:00-09:00		5	3396	0.342	5	3396	0.112	5	3396
09:00-10:00		5	3396	0.153	5	3396	0.047	5	3396
10:00-11:00		5	3396	0.265	5	3396	0.194	5	3396
11:00-12:00		5	3396	0.171	5	3396	0.177	5	3396
12:00-13:00		5	3396	0.206	5	3396	0.183	5	3396
13:00-14:00		5	3396	0.271	5	3396	0.218	5	3396
14:00-15:00		5	3396	0.241	5	3396	0.247	5	3396
15:00-16:00		5	3396	0.147	5	3396	0.342	5	3396
16:00-17:00		5	3396	0.082	5	3396	0.194	5	3396
17:00-18:00		5	3396	0.071	5	3396	0.324	5	3396
18:00-19:00		5	3396	0.059	5	3396	0.177	5	3396
19:00-20:00		2	2495	0	2	2495	0.02	2	2495
20:00-21:00		2	2495	0	2	2495	0	2	2495
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			2.272			2.357			4.629

1700	Site Area (sqm)
60%	% can be used for storage
1020	Site Area for Storage (sqm)

Trip Rates	Arrive	Depart	Two-way
AM Peak	0.342	0.112	0.454
PM Peak	0.071	0.324	0.395
Daily	2.272	2.357	4.629
Trip Generation			
AM Peak	3	1	5
PM Peak	1	3	4
Daily	23	24	47



Trip Generation of Current Lawful Use as Storage Facility

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: TOTAL VEHICLES

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00		7	24	0.094	7	24	0.276	7	24
08:00-09:00		7	24	0.235	7	24	0.471	7	24
09:00-10:00		7	24	0.165	7	24	0.206	7	24
10:00-11:00		7	24	0.171	7	24	0.188	7	24
11:00-12:00		7	24	0.176	7	24	0.188	7	24
12:00-13:00		7	24	0.229	7	24	0.194	7	24
13:00-14:00		7	24	0.224	7	24	0.235	7	24
14:00-15:00		7	24	0.241	7	24	0.3	7	24
15:00-16:00		7	24	0.394	7	24	0.347	7	24
16:00-17:00		7	24	0.424	7	24	0.3	7	24
17:00-18:00		7	24	0.371	7	24	0.253	7	24
18:00-19:00		7	24	0.265	7	24	0.224	7	24
19:00-20:00									
20:00-21:00									
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			2.989			3.182			6.171

4 additional dwellings

Trip Rates	Arrive	Depart	Two-way
AM Peak	0.235	0.471	0.706
PM Peak	0.371	0.253	0.624
Daily	2.989	3.182	6.171
Trip Generation			
AM Peak	1	2	3
PM Peak	1	1	2
Daily	12	13	25

Impact of Proposals in terms of Trip Generation

Time	Arrive	Depart	Two-way
Warehousing			
AM Peak	3	1	5
PM Peak	1	3	4
Daily	23	24	47
Residential Use (4 Additional Dwellings)			
AM Peak	1	2	3
PM Peak	1	1	2
Daily	12	13	25
Difference			
AM Peak	-3	1	-2
PM Peak	1	-2	-2
Daily	-11	-11	-23