Banniskirk Vehicle Count per Month (Two-way Movements)

Month	AIL	Low Loader	Tipper	Flat Bed	Staff	Van	Concrete	Medium Wagon
Sep-25		12	20	100	1100	1100	40	110
Oct-25		12	40	160	1100	1100	40	110
Nov-25		8	80		1100	1320	40	110
Dec-25		8	100		1100	1320		110
Jan-26		8	100		1100	1320		110
Feb-26		40	100	100	1100	1320	40	110
Mar-26		8	100	100	1100	1320	40	110
Apr-26		8	100	100	1100	1320	40	110
May-26		8	100	100	1100	1320	40	110
Jun-26		8	100	100	1100	1320	40	660
Jul-26		8	100	100	1100	1320	40	660
Aug-26		8		100	1100	3300	40	660
Sep-26		40		80	1100	3300	40	660
Oct-26		8	40	80	1100	3300	40	660
Nov-26		8	40	80	1100	3300	40	660
Dec-26		8	40		1100	3300	40	660
Jan-27		8	40		1100	3300	40	660
Feb-27		8	40	130	1100	3300	200	660
Mar-27		8	40	130	1100	3300	200	660
Apr-27		8		130	1100	3300	200	660
May-27		8		130	1100	3300	200	660
Jun-27		8		130	1100	3300	200	660
Jul-27		8		130	1100	3300	200	660
Aug-27		8		130	1100	3300	200	660
Sep-27		8	400	130	1100	3300	200	660
Oct-27		8	400	130	1100	3300	200	660
Nov-27		8	400	130	1100	3300	40	660
Dec-27		8	400		1100	3300	40	440
Jan-28		8	400		1100	3300	40	440
Feb-28	12	8	400	88	1100	3300	40	440
Mar-28		8	400	88	1100	3300	40	440
Apr-28		8	400	88	1100	3300	40	440
May-28		8	400	88	1100	3300	40	440
Jun-28		8		88	1100	3300	40	440
Jul-28		8		80	1100	3300	40	440
Aug-28		24		80	1100	3300	40	440
Sep-28		8			880	3300	40	440
Oct-28		8			880	3300		440
Nov-28					880	3300		440
Dec-28					880	3300		440
Jan-29					880	3300		440
Feb-29					880	3300		220
Mar-29					880	3300		220
Apr-29					880	3300		220
May-29					880	1320		220
Jun-29					880	1320		220
Jul-29					880	1320		220
Aug-29					880	1320		220
Sep-29					880	1320		220
Oct-29					880	1320		220
Nov-29					880	1320		220
Dec-29					880	1320		220
Jan-30					440	1320		40
Feb-30				14	440	440		40
Mar-30					440	440		40
Apr-30					440	440		40
May-30					440	440		40
Jun-30					440	440		40
Total Vehicle Count	**12**	**392**	**4780**	**3114**	**56320**	**137060**	**2840**	**21690**

Based on 25 members of staff on site for 22 days a month at peak	Based on 150 site members on site van sharing for 22 days/ month at peak				Based on medium wagon delivery vehicles PPE, Fuel, Consumables etc. servicing site at peak 15 wagons daily

HV DC Building (Two-way Movements)

Month	AIL	Low loader	Tipper	Flat Bed	Staff	Van	Concrete	Medium Wagons
Sep-25								
Oct-25								
Nov-25								
Dec-25								
Jan-26								
Feb-26								
Mar-26								
Apr-26								
May-26								
Jun-26								
Jul-26								
Aug-26								
Sep-26								
Oct-26		20	400	200				200
Nov-26		2	400	200				200
Dec-26		2	400	200	220	495		200
Jan-27		2	400	200	440	495		200
Feb-27			2000	200	660	495		200
Mar-27			2000	200	1100	1540		200
Apr-27			2000	200	1100	1540	2084	200
May-27			1400	200	1100	1540	2084	200
Jun-27		20	1000	320	1100	1540	2082	200
Jul-27		2		320	1100	1540	2082	200
Aug-27		2		320	1100	1540		200
Sep-27		2		320	1100	1540		200
Oct-27				360	1100	1540		200
Nov-27				360	1100	1540		200
Dec-27				240	1100	1540		200
Jan-28				200	1100	1540		200
Feb-28	28	54		200	1100	1540		200
Mar-28				200	1100	1540		200
Apr-28				400	1100	1540		200
May-28				400	1100	1540		200
Jun-28					1100	495		200
Jul-28					1100	495		200
Aug-28					1100	495		200
Sep-28					1100			
Oct-28					1100			
Nov-28					1100			
Dec-28					1100			
Jan-29					1100			
Feb-29					1100			
Mar-29					1100			
Apr-29					1100			
May-29								
Jun-29								
Jul-29								
Aug-29								
Sep-29								
Oct-29								
Nov-29								
Dec-29								
Jan-30								
Feb-30								
Mar-30								
Apr-30								
May-30								
Jun-30								
Total Vehicle Count	**28**	**108**	**10000**	**5240**	**29920**	**26070**	**8332**	**4600**

Based on worse case net import of aggregate for stone platform.	Based on 5,500t of steel at 15t per load = 366 loads for steel which equates to approx 60 steel wagons per month. Cladding is assumed as 20 wagons per month. HV Plant is assumed as 200 wagons per month for the two month duration. Taken some medium wagons to account for larger deliveries.	Based on 25 members of staff onsite 22days a month. Commissioning phase 9 months duration also based on 25 members of staff on site for 22days a month.	Based on site members of 70 onsite for 22 days a month.	Based on 25000m3 (worst case based on building size of 33,160m2 x 0.75m deep) delivered with 6m3 wagons = 4166 wagons	Based on medium wagons for deliveries e.g. PPE, Fuel, Consumables etc.

Total Traffic	Total HGVs	Total Car / Van	Total Traffic per Day	HGVs per Day	Staff / LGV per Day
2482	282	2200	113	13	100
2562	362	2200	116	16	100
2658	238	2420	121	11	110
2638	218	2420	120	10	110
2638	218	2420	120	10	110
2810	390	2420	128	18	110
2778	358	2420	126	16	110
2778	358	2420	126	16	110
2778	358	2420	126	16	110
3328	908	2420	151	41	110
3328	908	2420	151	41	110
5208	808	4400	237	37	200
5220	820	4400	237	37	200
6048	1648	4400	275	75	200
6030	1630	4400	274	74	200
6665	1550	5115	303	70	233
6885	1550	5335	313	70	243
8995	3440	5555	409	156	253
10478	3438	7040	476	156	320
12522	5482	7040	569	249	320
11922	4882	7040	542	222	320
11660	4620	7040	530	210	320
10642	3602	7040	484	164	320
8560	1520	7040	389	69	320
8960	1920	7040	407	87	320
8998	1958	7040	409	89	320
8838	1798	7040	402	82	320
8368	1328	7040	380	60	320
8328	1288	7040	379	59	320
8510	1470	7040	387	67	320
8416	1176	7040	383	63	320
8616	1576	7040	392	72	320
8616	1576	7040	392	72	320
6771	776	5995	308	35	273
6763	768	5995	307	35	273
6779	784	5995	308	36	273
5768	488	5280	262	22	240
5728	448	5280	260	20	240
5720	440	5280	260	20	240
5720	440	5280	260	20	240
5720	440	5280	260	20	240
5500	220	5280	250	10	240
5500	220	5280	250	10	240
5500	220	5280	250	10	240
2420	220	2200	110	10	100
2420	220	2200	110	10	100
2420	220	2200	110	10	100
2420	220	2200	110	10	100
2420	220	2200	110	10	100
2420	220	2200	110	10	100
2420	220	2200	110	10	100
1800	40	1760	82	2	80
934	54	880	42	2	40
920	40	880	42	2	40
920	40	880	42	2	40
920	40	880	42	2	40
920	40	880	42	2	40