



<b>TTS 1</b>	<b>TRAFFIC AND TRANSPORT STATEMENT</b>
QUESTIONS 1-3 TO BE COMPLETED FOR ALL PLANNING APPLICATIONS	

<b>Local Authority</b>	Inishowen Municipal District Office	<b>Reference number</b>	
		<small>(Office use only)</small>	
<b>1</b>	<b>Application Details:</b>		
<b>Name</b>	Faiite Ireland, c/o Keys Monaghan Architects, MTEK Building, Armagh Rd, Monaghan		
<b>Development Address</b>	Fort Dunree, Linsfort, Bunrana		
		<b>Eircode</b>	F93 C424

<b>2</b>	<b>Development Details</b>		
Description of proposed Development	Development of existing tourist attraction to include regeneration of lower and upper forts and re-purposing of disused military building to offer improved visitor experience, cafe/gift shop, access tracks/walkways to all areas of the site and new car park to accommodate expected increase in visitor numbers		
On which road(s) does site have frontage(s) Provide Road number(s)	<b>N / R / L</b> L1621/L1631		

<b>3</b>	<b>Single Dwelling House</b>	
Is the proposed development only a single dwelling house?		<b>Yes/No</b>

**If the answer to 3 above is "Yes" go to section 5, if the answer to 3 above is "No" complete section 4**

<b>Section 4</b>	<b>Traffic and Transport Impacts</b>				
What is the size of the proposed development? (m <sup>2</sup> or no of units)	As Above				
How many trips will be made per day to the site?					
Car driver	274	Pedestrian	Negligible	Bus / Tram	10
Car passenger	685	Cyclist	24	Rail	0
HCV (Indicate type/size)	2 box vans	Taxi	4	<b>Total</b>	<b>290 veh</b>
Will traffic to/from the development be more than 10% of existing traffic on the adjoining road (5% in case of an already congested road)?					<b>Yes/No</b>
Is a new or modified access to the site needed to join the existing road network?					<b>Yes/No</b>
What changes to the existing road layout are required as a result of this development?	Localised realignment of road & verge widening at entrance to the site boundary to improve forward sight distance. Wi				
Is there existing public transport access to the development? Describe.	Local Link 955 serves 3 times daily (Bunrana - Carndonagh @ 10:30, Carndonagh - Bunrana @ 16:30 & 18:30)				
What specific public transport provision is to be made as part of the development?	Local Link have requested access to visitor numbers for opening years to assess/justify an extended service to the site.				
What specific provision is to be made for pedestrians/cyclists as part of the development?	Donegal County Council's Active Travel Team have expressed an interest to provide a link to the site as part of their Bunrana - Carndonagh Greenway Scheme				

**Section 5**

I believe the statements outlined above to be a fair and competent assessment of the effects of the development described above on the adjoining road network and access routes. I further believe the changes proposed in this assessment will effectively remedy the possible adverse effects on road capacity and safety caused by this development

Signed..... Developer Date..... 8/9/23

Signed..... *Kevin Donohue* Agent Date..... 8/9/23

## **Appendix A**

### **Generated Trip Data Calculations & Traffic Counts**

**AUGUST**

**1112 Daily Weekend Visitors**

Modal Share of Vehicles Generated	10% of this will be through coach tours (50 passenger occupancy on average & allow for 2hr dwell time)	3 coach tours across the day
	10% of this will be through minibus tours (15 passenger occupancy on average & allow for 4hr dwell time)	8 minibus tours across the day
	5% of this will be via sustainable routes (public bus, walking, cycling)	
	25% of this will be pre-booked vehicles (3.5 passenger occupancy on average & allow for 5 hr dwell time)	80 pre-booked vehicles across the day
	50% of this will be turn-up vehicles (3.5 passenger occupancy on average & allow for 5 hr dwell time)	159 turn-up vehicles across the day

**100% Total**

Arrival Times of Passenger Vehicles	30% of passenger vehicles will arrive during first two hours of AM peak and spend 5hrs before they leave
	20% of passenger vehicles will arrive during next three hours of AM peak and spend 5hrs before they leave
	30% of passenger vehicles will arrive during first two hours of PM peak and spend 5hrs before they leave
	20% of passenger vehicles will arrive during next three hours of PM peak and spend 5hrs before they leave
	0% of passenger vehicles will arrive during the last two hours of day

**100% Total**

Time	Buses						Passenger Vehicles						Total Vehicle Spaces	Visitor Numbers
	Tour Coach Arrivals	Tour Coach Departures	Tour Coach Spaces	Mini-bus Arrivals	Mini-bus Departures	Mini-bus Spaces	Pre-booked Arrivals	Pre-booked Departures	Pre-booked Spaces	Turn-up Arrivals	Turn-up Departures	Turn-up Spaces		
0800 - 0900	0	0	0	0	0	0	12	0	12	24	0	24	36	126
0900 - 1000	0	0	0	2	0	2	12	0	24	24	0	48	71	281
1000 - 1100	1	0	1	1	0	3	5	0	29	11	0	58	87	401
1100 - 1200	1	0	2	1	0	4	5	0	34	11	0	69	103	522
1200 - 1300	0	1	1	1	0	5	5	12	28	11	0	79	107	501
1300 - 1400	0	1	0	1	2	4	0	12	16	0	24	56	71	311
1400 - 1500	0	0	0	1	1	4	12	5	23	0	24	32	54	250
1500 - 1600	1	0	1	1	1	4	12	5	29	24	11	45	74	370
1600 - 1700	1	0	2	1	1	4	5	5	29	24	11	58	87	466
1700 - 1800	0	1	1	0	1	3	5	0	34	11	11	58	93	420
1800 - 1900	0	1	0	0	1	2	5	12	28	11	0	69	97	369
1900 - 2000	0	0	0	0	1	1	0	12	16	11	0	79	95	349
2000 - 2100	0	0	0	0	1	0	0	16	0	0	79	0	0	0

TOTALS

4      4                      9      9                      79      79                      159      159

## MetroCount Traffic Executive Weekly Vehicle Counts

### Datasets:

**Site:** [019] Traffic Counts at Dunree Access  
**Attribute:** 22-010  
**Direction:** 7 - North bound A>B, South bound B>A. **Lane:** 2  
**Survey Duration:** 09:18 18 August 2022 => 11:31 30 August 2022,  
**Zone:**  
**File:** 019 0 2022-08-30 1132.EC2 (Plus )  
**Identifier:** SD50PSFA MC5900-X13 (c)MetroCount 09Nov16  
**Algorithm:** Factory default axle (v5.06)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

### Profile:

**Filter time:** 00:00 22 August 2022 => 00:00 29 August 2022 (7)  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15  
**Speed range:** 6 - 99 mph.  
**Direction:** North, East, South, West (bound), P = North, Lane = 0-16  
**Separation:** Headway > 0 sec, Span 0 - 100 metre  
**Name:** Default Profile  
**Scheme:** Vehicle classification (VRX)  
**Units:** Part metric (metre, mi, m/s, mph, kg, tonne)  
**In profile:** Vehicles = 2973 / 4947 (60.10%)

## Weekly Vehicle Counts

**WeeklyVehicle-138**

**Site:** 019.2.3NS  
**Description:** Traffic Counts at Dunree Access  
**Filter time:** 00:00 22 August 2022 => 00:00 29 August 2022  
**Scheme:** Vehicle classification (VRX)  
**Filter:** Cls(1-12, 14-15) Dir(NESW) Sp(6,99) Headway(>0) Span(0 - 100) Lane(0-16)

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages	
	22 Aug	23 Aug	24 Aug	25 Aug	26 Aug	27 Aug	28 Aug	1 - 5	1 - 7
0000-0100	4	4	2	0	2	8	1	2.4	3.0
0100-0200	0	0	1	0	0	2	4	0.2	1.0
0200-0300	1	1	0	0	0	0	1	0.4	0.4
0300-0400	1	0	0	0	1	1	1	0.4	0.6
0400-0500	0	0	0	0	0	0	1	0.0	0.1
0500-0600	0	0	0	0	0	0	0	0.0	0.0
0600-0700	4	4	5	4	5	0	0	4.4	3.1
0700-0800	4	8	6	6	9	3	4	6.6	5.7
0800-0900	12	15	12	13	8	13	6	12.0	11.3
0900-1000	23	12	12	12	18	11	14	15.4	14.6
1000-1100	12	29	21	15	16	26	29	18.6	21.1
1100-1200	<b>33</b>	<b>35</b>	<b>31</b>	<b>26</b>	<b>38</b>	<b>29</b>	<b>35</b>	<b>32.6</b>	<b>32.4</b>
1200-1300	25	38	33	36	30	43	35	32.4	34.3
1300-1400	35	34	43	28	34	<b>51</b>	59	34.8	40.6
1400-1500	<b>50</b>	37	<b>48</b>	<b>36</b>	<b>37</b>	40	79	<b>41.6</b>	<b>46.7</b>
1500-1600	35	34	45	34	31	31	<b>88</b>	35.8	42.6
1600-1700	42	<b>40</b>	35	30	22	33	77	33.8	39.9
1700-1800	20	28	31	17	18	40	68	22.8	31.7
1800-1900	21	30	38	27	18	21	34	26.8	27.0
1900-2000	25	34	38	15	28	23	43	28.0	29.4
2000-2100	16	20	29	19	24	20	27	21.6	22.1
2100-2200	7	12	16	8	21	7	6	12.8	11.0
2200-2300	2	5	5	5	3	2	6	4.0	4.0
2300-2400	3	2	1	1	2	1	4	1.8	2.0
<b>Totals</b>									
0700-1900	312	340	355	280	279	341	528	313.2	347.9
0600-2200	364	410	443	326	357	391	604	380.0	413.6
0600-0000	369	417	449	332	362	394	614	385.8	419.6
0000-0000	375	422	452	332	365	405	622	389.2	424.7
<b>AM Peak</b>	1100	1100	1100	1100	1100	1100	1100		
	33	35	31	26	38	29	35		
<b>PM Peak</b>	1400	1600	1400	1400	1400	1300	1500		
	50	40	48	36	37	51	88		

\* - No data.