

# Radio 1 Big Weekend Burton Constable Hall Saturday 27<sup>th</sup> May and Sunday 28<sup>th</sup> May 2017

Draft Transport and Traffic Management Plan (v3)  
4<sup>th</sup> April 2017

Prepared for **Hull 2017** by Local Transport Projects Ltd

# General Arrangements

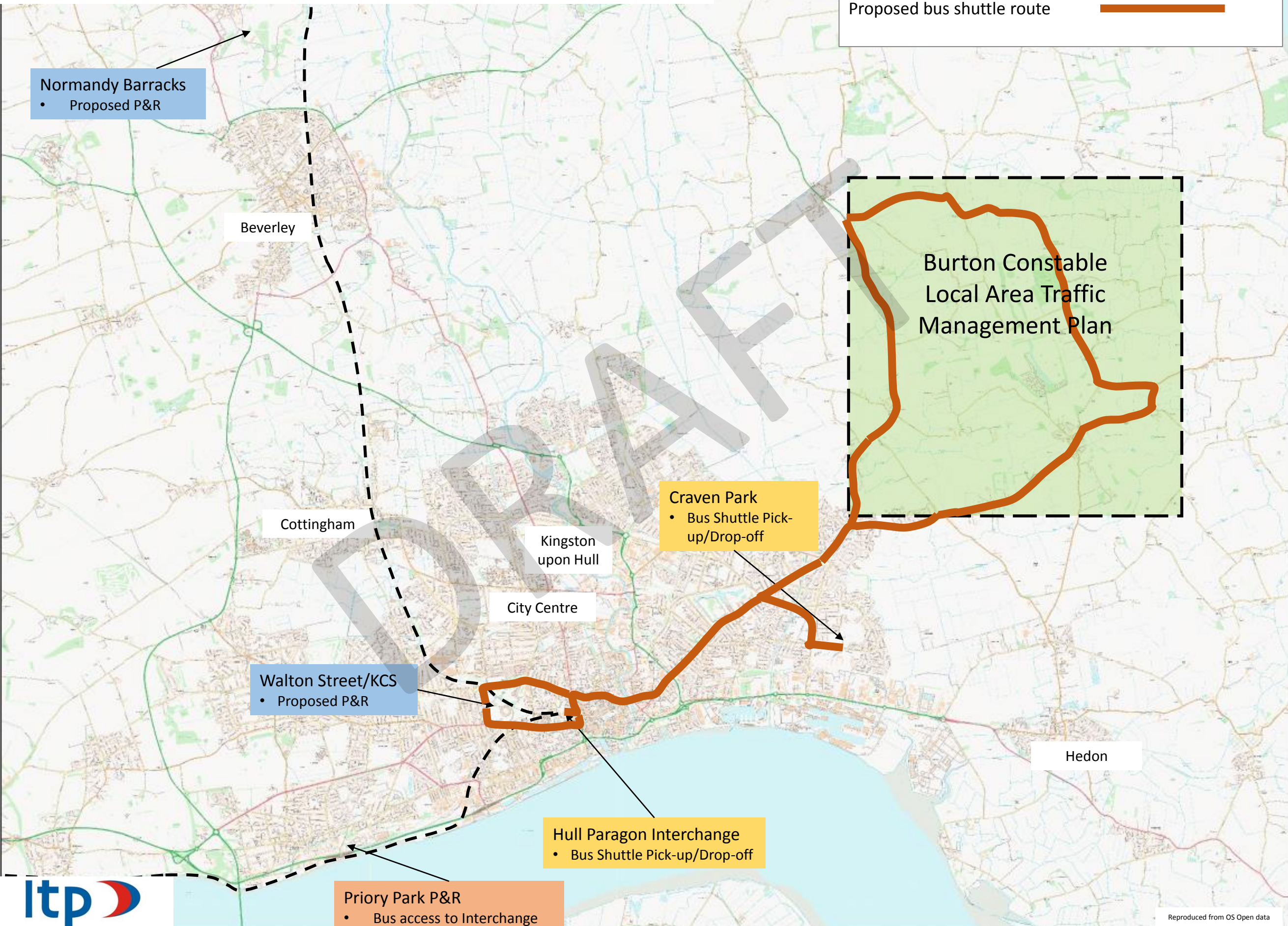
- **Figure 1** outlines the key travel arrangements in relation to the event site.
- There is no parking at the event for ticket holders except for Blue Badge holders (with a ticket) and special guests (by invitation).
- It is envisaged that the large proportion of ticket holders will be transported to/from the event by shuttle buses operating from designated pick-up points and temporary Park & Ride facilities.
- Vehicular access to the event will be by authorised vehicles only including:
  - Bus shuttle services operating from Hull Paragon Interchange, Craven Park, Walton Street/KC Stadium (P&R) and Normandy Barracks Leconfield (P&R).
  - Taxis and Private Hire Vehicles who have registered with the event.
  - Blue badge holders (with ticket)
  - Special guests (by invitation)
  - Operational and Production vehicles
  - Artistes vehicles
  - Emergency services vehicles
  - Local Residents (by permit)
- Bus shuttle transport from the event will be facilitated by a temporary bus station located adjacent to the main event area.
- There are no suitable walking or cycling routes to the event and “drop-offs” near to the event need to be discouraged through clear messaging prior to the event and traffic regulation/visible enforcement on the event days.
- A Local Area Traffic Management Plan (LATMP) will be implemented in and around Burton Constable and surrounding villages to manage both access to the event and parking/waiting/stopping activities on surrounding roads.



**Figure 1: Radio 1 Big Weekend Transport Plan: General Arrangement**

**KEY**

Proposed bus shuttle route



Normandy Barracks  
• Proposed P&R

Beverley

Cottingham

Kingston upon Hull

City Centre

Craven Park  
• Bus Shuttle Pick-up/Drop-off

Walton Street/KCS  
• Proposed P&R

Hull Paragon Interchange  
• Bus Shuttle Pick-up/Drop-off

Hedon

Priory Park P&R  
• Bus access to Interchange

Burton Constable  
Local Area Traffic  
Management Plan



# Proposed Shuttle Bus Operations

It is proposed that Shuttle Bus services will operate from:

- **Hull Paragon Interchange (see Figure 2)** – operating the shuttle service from this location allows and encourages arrivals by rail, local-bus and by foot. In addition the proximity to the City Centre provides an opportunity for ticket holders to park in local car parks for the day with additional parking available at the Priory Park Park & Ride which has services running directly to the interchange. Further arrivals are envisaged through drop-offs adjacent to the Interchange. It is estimated that 10,000 ticket holders will use the Hull Paragon Interchange service. The two-way travel time to the event is 75 minutes.
- **Rail arrangements** - Agreement has been reached with Network Rail, Rail Operators, Hull CC and local bus operators regarding the use of Hull rail station and Interchange to facilitate transport to the event including keeping the station/interchange open until post-event shuttle bus operations are complete (est. 01:30). In addition, there is an agreement in principal regarding operating an increased capacity and extended rail service to facilitate ticket holders travelling both north (i.e. Driffield, Bridlington) and west (i.e. Brough, Goole, Doncaster) from Hull.
- **Walton Street/KC Stadium P&R (see Figure 3)** – agreement has been reached with Hull CC/NPS Humber regarding the use of Walton Street over the Big Weekend and KC Stadium have provided agreement in principal regarding using their adjacent stadium car park. Together this facility would provide some 1,700 car parking spaces with the potential to provide for 3,400 ticket holders. The location of the “Pick-up/Drop-off” area is yet to be agreed but the local road network adjacent to and within the stadium provides opportunities to provide a suitable facility. The two-way travel time to the event is 90 minutes.
- **Craven Park Stadium (see Figure 4)** – this “Pick-up/Drop-off” area would facilitate ticket holders travelling from East Hull. Although parking is available on-site it is envisaged that ticket holders would principally travel to the location by foot, local bus or be dropped off at or adjacent to the site. This operation is consistent with how local residents use the stadium when travelling to away matches. The location of the “Pick-up/Drop-off” area is yet to be agreed but the local road network adjacent to and within the stadium provides opportunities to provide a suitable facility. There has been some exploratory dialogue with Saint Richard RC Primary School regarding the use of their grounds to increase potential parking for this shuttle operation. The two-way travel time to the event is 65 minutes.
- **Normandy Barracks Leconfield (see Figure 5)** – agreement has been reached with Defence School of Transport to use their site at Leconfield for a Park & Ride facility. The Park & Ride would be located on the hardstand areas that make up the runways. It has the potential to provide for 1,900 cars equivalent to 3,800 ticket holders. More car parking spaces can be provided if required. Minor improvement works to Grange Road required as this will be the entry/exit route for cars. Temporary security fencing, signing and lighting will be required for the site. The two-way travel time to the event is 87 minutes.
- Previous proposals to operate shuttle services and potentially P&R from Beverley have been discounted due to the limitations of the proposed temporary bus station at Burton Constable to accommodate more than four destinations.
- All estimated travel times include an allowance of 10 minutes boarding, 5 minutes alighting and 10% contingency.

# Proposed Shuttle Bus Operations

The numbers of ticket holders, travel distances and estimated travel times for the proposed bus shuttle operations is provided below.

		Hull Interchange	Walton Street/KC Stadium	Craven Park	Normandy Barracks	Total
Demand		12,100	3,400	3,000	7,000	25,500
Assumed bus occupancy	70	70	70	70	70	
Estimated shuttle route length (miles)	Out*	13.4	14.5	11.1	21.0	
	In*	10.5	11.5	7.6	15.8	
	Total	23.9	26.0	18.7	36.8	
Estimated bus journey time (Google) (mins)		54	70	45	64	
Estimated loading time (mins)	10	10	10	10	10	
Estimated alighting time (mins)	5	5	5	5	5	
Contingency (10%)	10%	6.9	8.5	6	7.9	
Journey time (mins)**		75.9	93.5	66	86.9	

\* Direction based on “entry phase” operations

\*\* All estimated travel times include an allowance of 10 minutes boarding, 5 minutes alighting and 10% contingency.

# Proposed Shuttle Bus Operations (Entry Phase)

Radio 1 Big Weekend Hull\_Bus Arrivals-v7

		Departure point and arrival bay number															
		12,100 passengers Hull Interchange - 75min roundtrip						7,000 passengers Hedon-65mins				3,000 Craven Park-65		3,400 Walton St-85mins			
ARRIVAL TIMES		Bay 1	Bay 2	Bay 3	Bay 4	Bay 5	Bay 6	Bay 7	Bay 8	Bay 9	Bay 10	Bay 11	Bay 12	Bay 13	Bay 14	Bay 15	Bay 16
	09:30:00	1	2	3	4	5	6	7	57	58	59	60	85	86	99	100	
	09:40:00	8	9	10	11	12	13	14	61	62	63	64	87	88	101	102	
	09:50:00	15	16	17	18	19	20	21	65	66	67	68	89	90	103	104	
	10:00:00	22	23	24	25	26	27	28	69	70	71	72	91	92	105	106	
	10:10:00	29	30	31	32	33	34	35	73	74	75	76	93	94	107	108	
	10:20:00	36	37	38	39	40	41	42	77	78	79	80	95	96	109	110	
	10:30:00	43	44	45	46	47	48	49	81	82	83	84	97	98	111	112	
	10:40:00	50	51	52	53	54	55	56	57	58	59	60	85	86	113	114	
	10:50:00	1	2	3	4	5	6	7	61	62	63	64	87	88	115	116	
gates open	11:00:00	8	9	10	11	12	13	14	65	66	67	68	89	90	99	100	
	11:10:00	15	16	17	18	19	20	21	69	70	71	72	91	92	101	102	
	11:20:00	22	23	24	25	26	27	28	73	74	75	76	93	94	103	104	
	11:30:00	29	30	31	32	33	34	35	77	78	79	80	95	96	105	106	
	11:40:00	36	37	38	39	40	41	42	81	82	83	84	97	98	107	108	
	11:50:00	43	44	45	46	47	48	49	57	58	59	60	85	86	109	110	
stages open	12:00:00	50	51	52	53	54	55	56	61	62	63	64	87	88	111	112	
	12:10:00	1	2	3	4	5	6	7	65	66	67	68	89	90	113	114	
	12:20:00	8	9	10	11	12	13	14	69	70	71	72	91	92	115	116	
	12:30:00	15	16	17	18	19	20	21	73	74	75	76	93	94	99	100	
	12:40:00	22	23	24	25	26	27	28	77	78	79	80	95	96	101	102	
	12:50:00	29	30	31	32	33	34	35	81	82	83	84	97	98	103	104	
	13:00:00	36	37	38	39	40	41	42	57	58	59	60	85	86	105	106	
	13:10:00	43	44	45	46	47	48	49	61	62	63	64	87	88	107	108	
	13:20:00	50	51	52	53	54	55	56	65	66	67	68	89	90	109	110	
15% capacity	13:30:00	1	2	3	4	5	6	7	69	70	71	72	91	92	111	112	
	13:40:00	8	9	10	11	12	13	14	73	74	75	76	93	94	113	114	
	13:50:00	15	16	17	18	19	20	21	77	78	79	80	95	96	115	116	
	14:00:00	22	23	24	25	26	27	28	81	82	83	84	97	98			

# Proposed Shuttle Bus Operations (Exit Phase)

Radio 1 Big Weekend Hull\_Bus Departures-v7

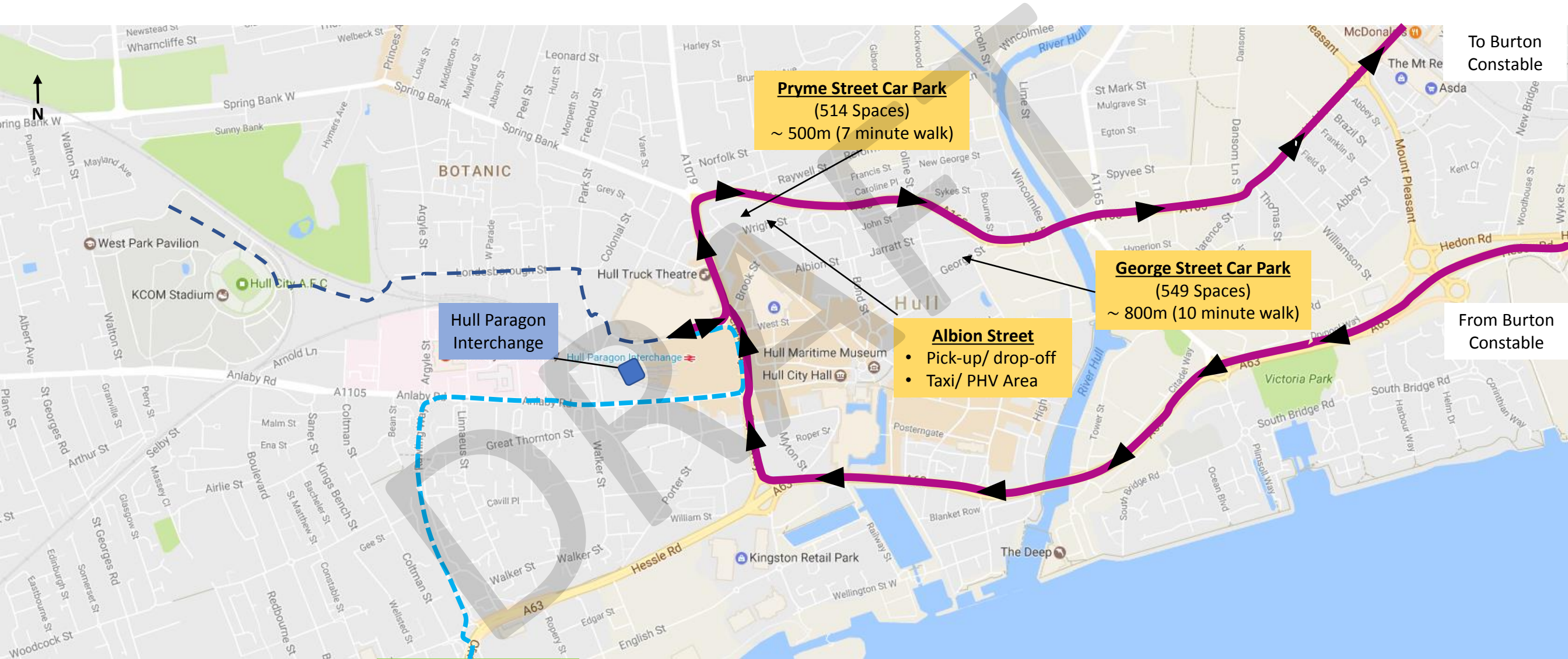
		Destination and bay number															
		12,100 passengers - 24 miles round trip Hull Interchange - 75min roundtrip						7,000 passengers - 19 miles Hedon-65mins				3000 - 19 miles Craven Park-65		3400 - 26 miles Walton St-85mins			
		Bay 1	Bay 2	Bay 3	Bay 4	Bay 5	Bay 6	Bay 7	Bay 8	Bay 9	Bay 10	Bay 11	Bay 12	Bay 13	Bay 14	Bay 15	Bay 16
hourly	14:00:00	22							82				120		161		
	15:00:00	23							83				121		162		
	16:00:00	22							82				120		161		
30 mins service	17:00:00	23							83				121		162		
	17:30:00	22							82				120		161		
	18:00:00	24							84				122		163		
	18:30:00	23							83				121		162		
	19:00:00	22							82				120		161		
20 mins service	19:30:00	24							84				122		163		
	20:00:00	36							98				128		162		
	20:20:00	37							99				129		161		
	20:40:00	38							100				130		164		
	21:00:00	39							101				131		165		
Stage 2 closes	21:18:00	1	2	3	4	5	6	7	78	79	80	81	118	119	140	141	142
	21:25:00	8	9	10	11	12	13	14	82	83	84	85	120	121	143	144	145
	21:32:00	15	16	17	18	19	20	21	86	87	88	89	122	123	146	147	148
	21:39:00	22	23	24	25	26	27	28	90	91	92	93	124	125	149	150	151
	21:46:00	29	30	31	32	33	34	35	94	95	96	97	126	127	152	153	154
	21:53:00	36	37	38	39	40	41	42	98	99	100	101	128	129	155	156	157
main stage closes	22:00:00	43	44	45	46	47	48	49	102	103	104	105	130	131	158	159	160
	22:07:00	50	51	52	53	54	55	56	106	107	108	109	132	133	161	162	163
	22:14:00	57	58	59	60	61	62	63	110	111	112	113	134	135	164	165	166
	22:21:00	64	65	66	67	68	69	70	114	115	116	117	136	137	167	168	169
	22:28:00	71	72	73	74	75	76	77	78	79	80	81	138	139	170	171	172
	22:35:00	1	2	3	4	5	6	7	82	83	84	85	118	119	173	174	175
	22:42:00	8	9	10	11	12	13	14	86	87	88	89	120	121			
	22:49:00	15	16	17	18	19	20	21	90	91	92	93	122	123	140	141	142
	22:56:00	22	23	24	25	26	27	28	94	95	96	97	124	125	143	144	145
	23:03:00	29	30	31	32	33	34	35	98	99	100	101	126	127	146	147	148
full service	23:10:00	36	37	38	39	40	41	42	102	103	104	105	128	129	149	150	151
	23:17:00	43	44	45	46	47	48	49	106	107	108	109	130	131	152	153	154
	23:24:00	50	51	52	53	54	55	56	110	111	112	113	132	133	155	156	157
	23:31:00	57	58	59	60	61	62	63	114	115	116	117	134	135	158	159	160
	23:38:00	64	65	66	67	68	69	70	102	103	104	105	136	137			
	23:45:00	71	72	73	74	75	76	77	106	107	108	109	138	139			
	23:52:00	1	2	3	4	5	6	7	110	111	112	113	118	119			
	23:59:00	8	9	10	11	12	13	14	114	115	116	117					
	00:06:00	15	16	17	18	19	20	21	78	79	80	81					



## Figure 2: Hull Paragon Interchange Shuttle Bus Operation

Estimated ticket holders using facility: 12,100

Two-way journey time to event: 75 minutes



**Pryme Street Car Park**  
 (514 Spaces)  
 ~ 500m (7 minute walk)

**George Street Car Park**  
 (549 Spaces)  
 ~ 800m (10 minute walk)

**Albion Street**  
 • Pick-up/ drop-off  
 • Taxi/ PHV Area

**Hull Paragon Interchange**

To Burton  
Constable

From Burton  
Constable

**To/ From Prory Park**  
 Park and Ride  
 (580 spaces)  
 10-15 minute  
 frequency  
 13 minute travel time

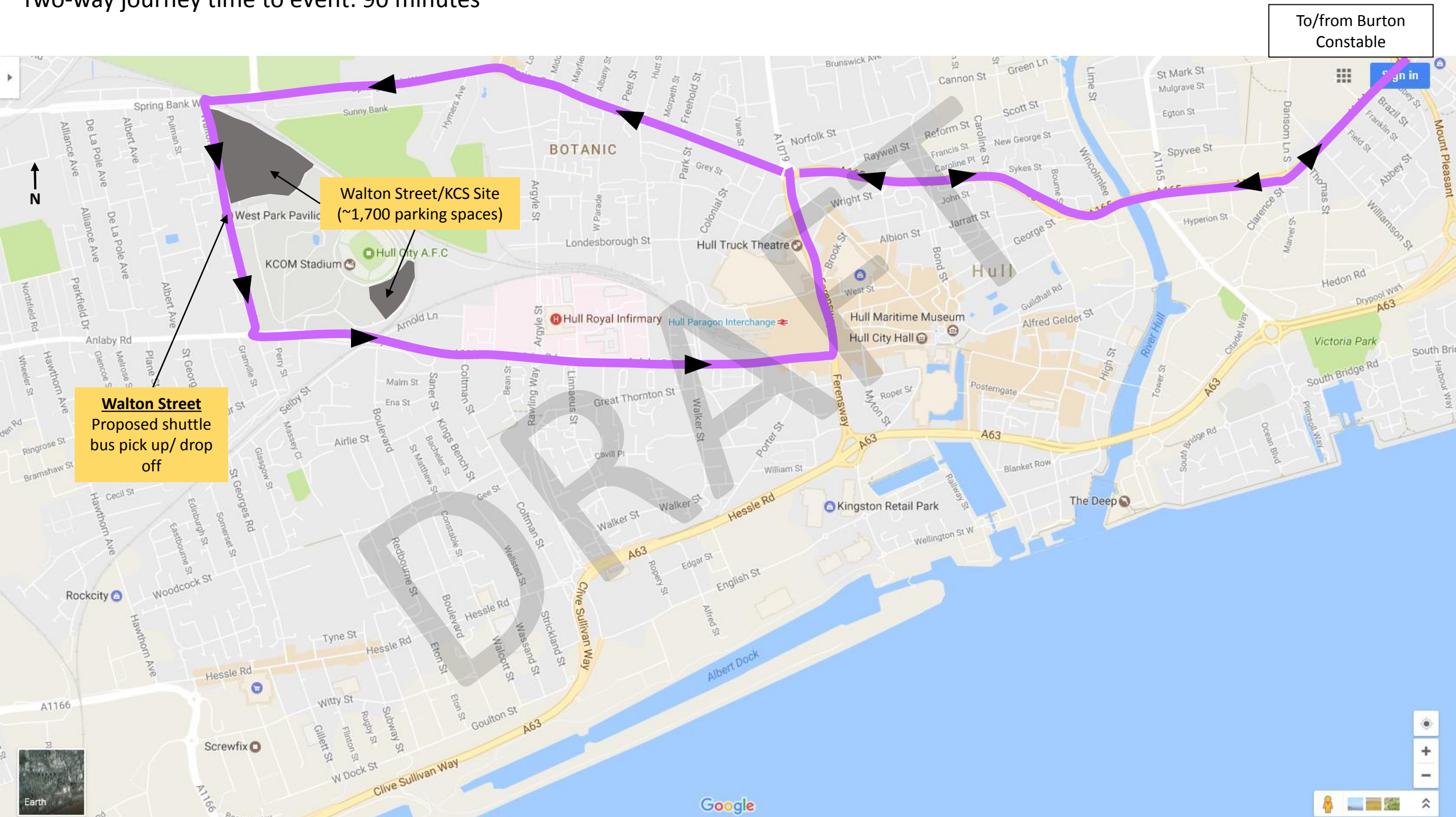
**KEY**

- Proposed bus shuttle route
- Direction of shuttle bus
- Prory Park Park & Ride Route (existing)



### Figure 3: Proposed Park & Ride, Walton Street/KC Stadium, Hull

Estimated ticket holders using facility: 3,400  
Two-way journey time to event: 90 minutes



To/from Burton Constable

Walton Street/KCS Site (~1,700 parking spaces)

Walton Street  
Proposed shuttle bus pick up/ drop off

**KEY**

Proposed bus shuttle route

Direction of shuttle bus

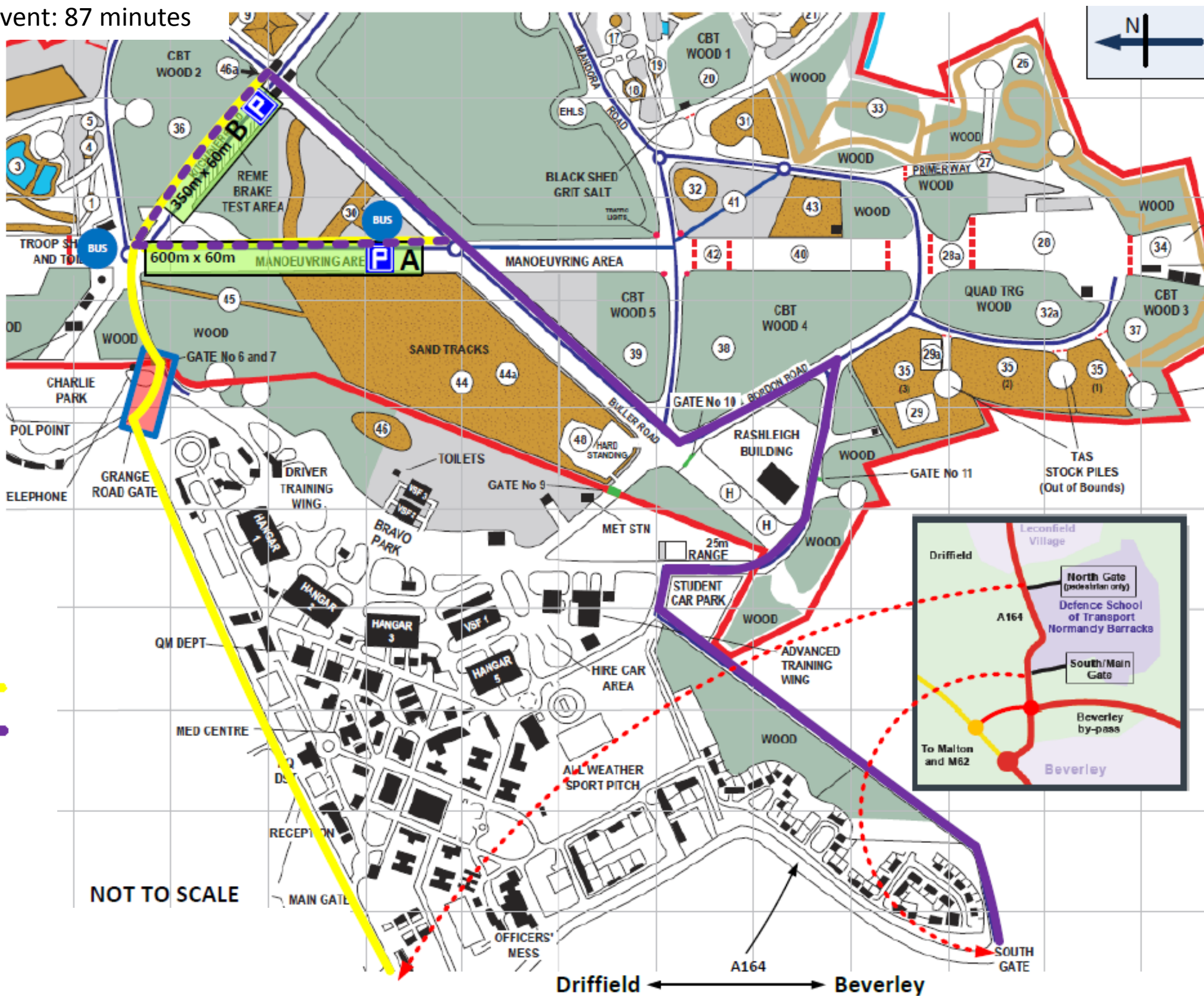




# Figure 5: Proposed Park & Ride, Normandy Barracks Site

Estimated ticket holders using facility: **7,000**



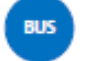

Two-way journey time to event: 87 minutes



**Key:**

**Parking capacity potential:**

- Zone A – 1200
- Zone B – 700

- Private car route 
- Bus route 
- Bus Stop 
- Security fence zone 

**Note:**

Parking bay dimensions:

Width 2.5m Length 4.8m transit

NOT TO SCALE



# Proposed Local Area Traffic Management Plan (LATMP)

**Figure 7** illustrates the general arrangement of the LATMP at the Burton Constable event site that includes the following elements:

## Authorised vehicle route

- Access to the event will be principally via the authorised vehicle route that runs north to south through the site with an entry point on the A165 south of Skirlaugh and an exit point on the B1238 east of Sproatley. This routing provides the best arrangement to accommodate vehicle checking during the “entry phase” and reduces the impact of heavy and potentially queuing traffic in Sproatley on the Saturday and Sunday morning. A disadvantage of this direction of operation is that it introduces a cross-over movement for buses using the temporary bus station at the event.
- This route will operate in a north to south direction at all times during the event with the exception of the exit phase when it will operate south to north as shown in **Figure 8**. The switch to south-north will take place at 14:30 and remain in operation until the completion of the “exit phase” at around mid-night. The reason for this switch in direction is to remove the bus cross-over movement at the temporary bus station that will improve the performance and efficiency of the “exit phase” bus operation.
- The operation of the switch over will need to be reflected in signing proposals, communication strategy and information issued to operational/production/artiste traffic.
- The section of the authorised vehicle route between the A165 and New Ellerby will have two-way operation to support access for local residents.
- The remainder of the route between will operate one-way as described above. This section of the route between New Ellerby and B1238 will be closed to all traffic with the exception of authorised vehicles including local residents. This closure will be in place for the duration of the event. The road closure will require a Temporary Traffic Regulation Order (TTRO).

## Vehicle check area and un-authorised vehicle exit route

- This will operate immediately south of New Ellerby and function to identify and re-direct un-authorised vehicles attempting to enter the event. It is envisaged that this would largely consist of ticket holders looking to be dropped off at or close to the event.
- Where un-authorised vehicles are identified they will be re-directed away from the site via the designated exit route back to the A165 via Old Ellerby and Coniston.

## Control Points

- Marshalled control points are proposed at each potential entry/exit point to the event and effected local roads. The control points are principally provided to prevent access by un-authorised vehicles whilst allowing access for local residents who have been provided with an access permit.

# Proposed Local Area Traffic Management Plan (LATMP) continued...

## Temporary Bus Station and Taxi/PHV area

- The temporary bus station is located adjacent to the authorised vehicle route at Burton Constable Hall and will facilitate bus shuttle operations at the event. The design of the temporary bus station is under development.
- A Taxi/PHV area will be located immediately in front of the temporary bus station to facilitate both Taxi/PHV drop-off and pick-ups at the event.

## Production Route

- During the event, production traffic will enter the event enclosure via an anti-clockwise route via Jackey Lane and a temporary roadway.
- During the Build and Break phase of the event this production/operational route will operate in the opposite (clockwise) direction.

## Local Resident Access

- Local residents within the area of the LATMP will be invited, prior to the event, to obtain an access permit to allow them to use the identified local access routes including the authorised vehicle route.
- Access to the local roads will be controlled by marshals at the defined control points.

## Blue Badge Holder and Special Guest Route

- The access for Blue Badge Holder and Special Guests is via Park Road, Sproatly and the existing access to the Burton Constable Camping and Caravan site.

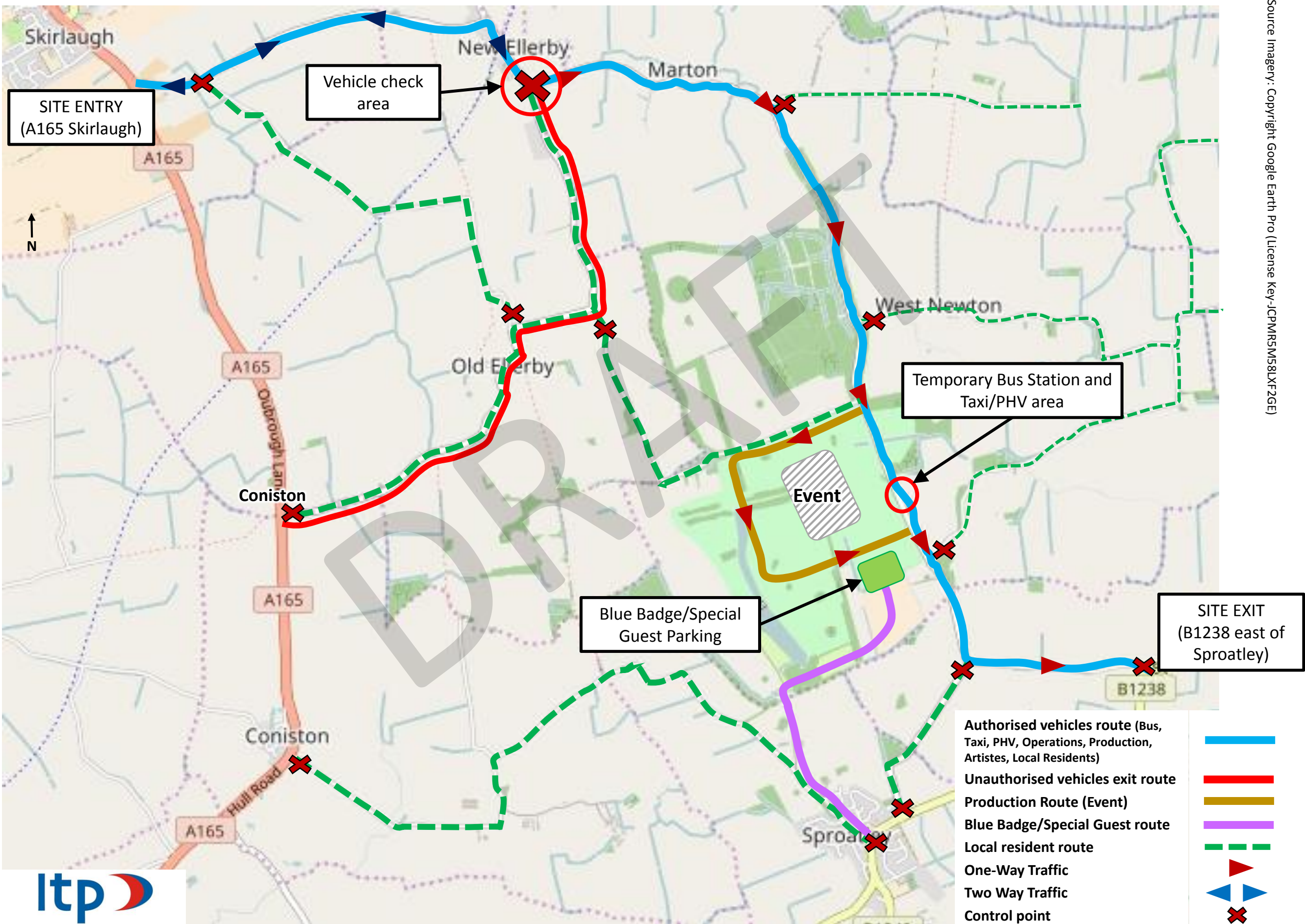
## Clearway

- **Figure 9** identifies the extents of the proposed No Stopping clearway order to be implemented over the duration of the event. The clearway area extends for some 4-5km from the event in order to deter ticket holders from leaving their cars by the roadside and walking to the event. In order to maintain access to local amenities within Sproatley it is proposed to provide some areas of limited parking adjacent to local shops and public houses.

## Temporary Traffic Regulation Orders (TTRO)

- A TTRO will be required to facilitate the road closure for the authorised vehicle route between New Ellerby and the B1238 east of Sproatley. It is likely that this TTRO will be required to facilitate part of the build and break phases prior to and following the event. The exact duration of the order is still to be determined.
- A TTRO will be required to facilitate the No Stopping Clearway order etc.. as indicated in **Figure 9**. This TTRO will operate on the days of the event only.
- Both these TTROs are in the East Riding of Yorkshire Council area.

**Figure 7: Burton Constable Local Area Traffic Management Plan : General Arrangement**

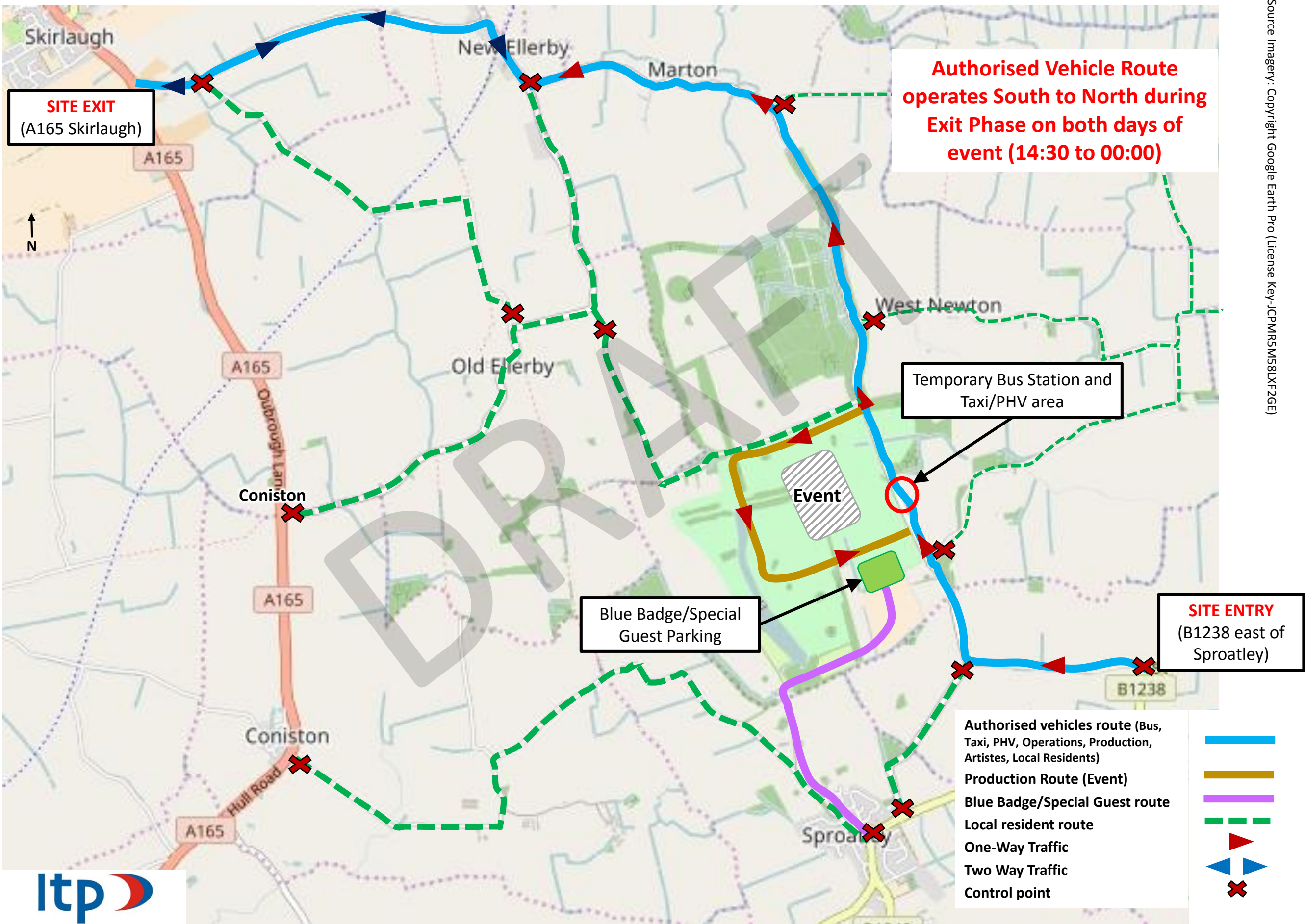


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**Figure 8: Burton Constable Local Area Traffic Management Plan : Exit Phase**



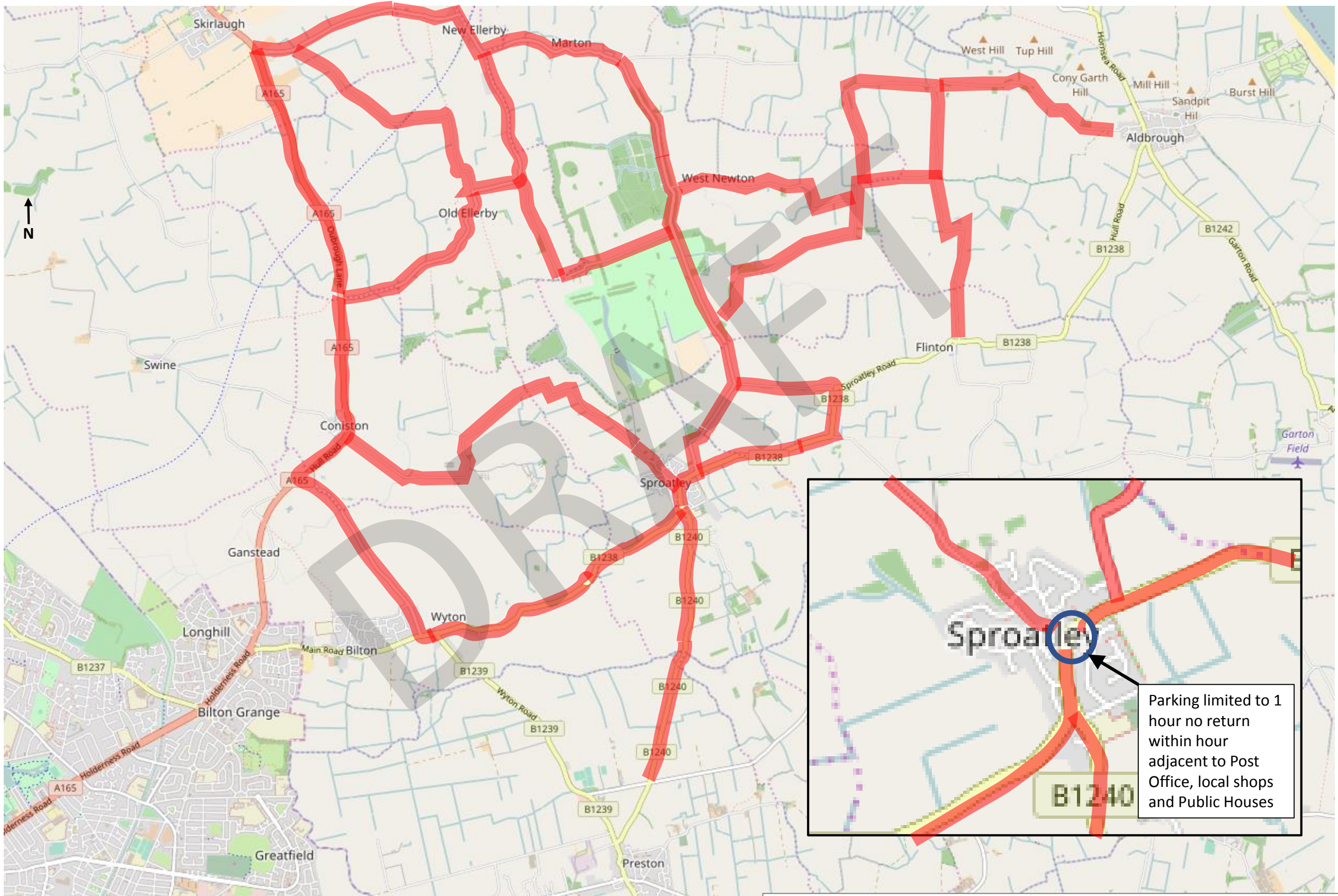
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**Figure 9: LATMP : Extents of proposed temporary Clearway order**

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**KEY**  
No Stopping At Any Time 





# Other traffic and transport matters

Proposals to address the following matters are still under development:

- **Drop-offs** – at the event are currently not provided for and any driver attempting to drop-off/pick-up a ticket holder via the authorised vehicle route will be directed away from the site and towards the **Craven Park** P&R from where they can purchase a two-way shuttle bus ticket. This will require a ticket office being provided at the **Craven Park** site.
- **Walking** – to the event is not being promoted due to the large number of authorised vehicles using the main access to the event. Prior public information and the proposed clearway order will go some way to deterring ticket holders from either walking or being dropped off and walking to the event. However, despite these mitigations it is still likely that walking will be attempted by some ticket holders in which case it is proposed that a “sweeper” bus service is operated along the authorised vehicle route to pick up walkers and transport them safely to the event. Once at the event a facility will be available for them to either purchase a shuttle bus ticket or take a taxi/PHV.
- **Cycling** – to the event is not being promoted due to the large number of authorised vehicles using the main access to the event. It is not envisaged that there will be a large number of ticket holders attempting to travel by cycle. Where this does occur they will be permitted to use the authorised vehicle route in the correct direction of travel. Cycle parking at the event will not be provided and cyclists will be advised that any cycles brought onto the site will be wholly at the cycle owners risk.
- **Taxis/PHVs** – a taxi/PHV area will be provided at the site to facilitate drop-offs and potential pick-ups. The facility will not operate as a hackney carriage rank and will be available for both taxi and PHV usage. It is proposed that a fixed tariff for taxi/PHV travel to the event be agreed prior to the event although this is subject to agreement with. A taxi/PHV drop-off location is proposed in the Albion Street car park in Hull to facilitate taxi/PHV movements during the event exit phase on both days.
- **Local Ticket holders** – there is potential that residents of local villages (e.g Sproatley, Marton, New Ellerby) will obtain tickets to the event and it is considered impractical for these residents to travel to the event by shuttle bus. To help facilitate these local movements it is proposed to provide a local pick-up service at the start and finish of the event.