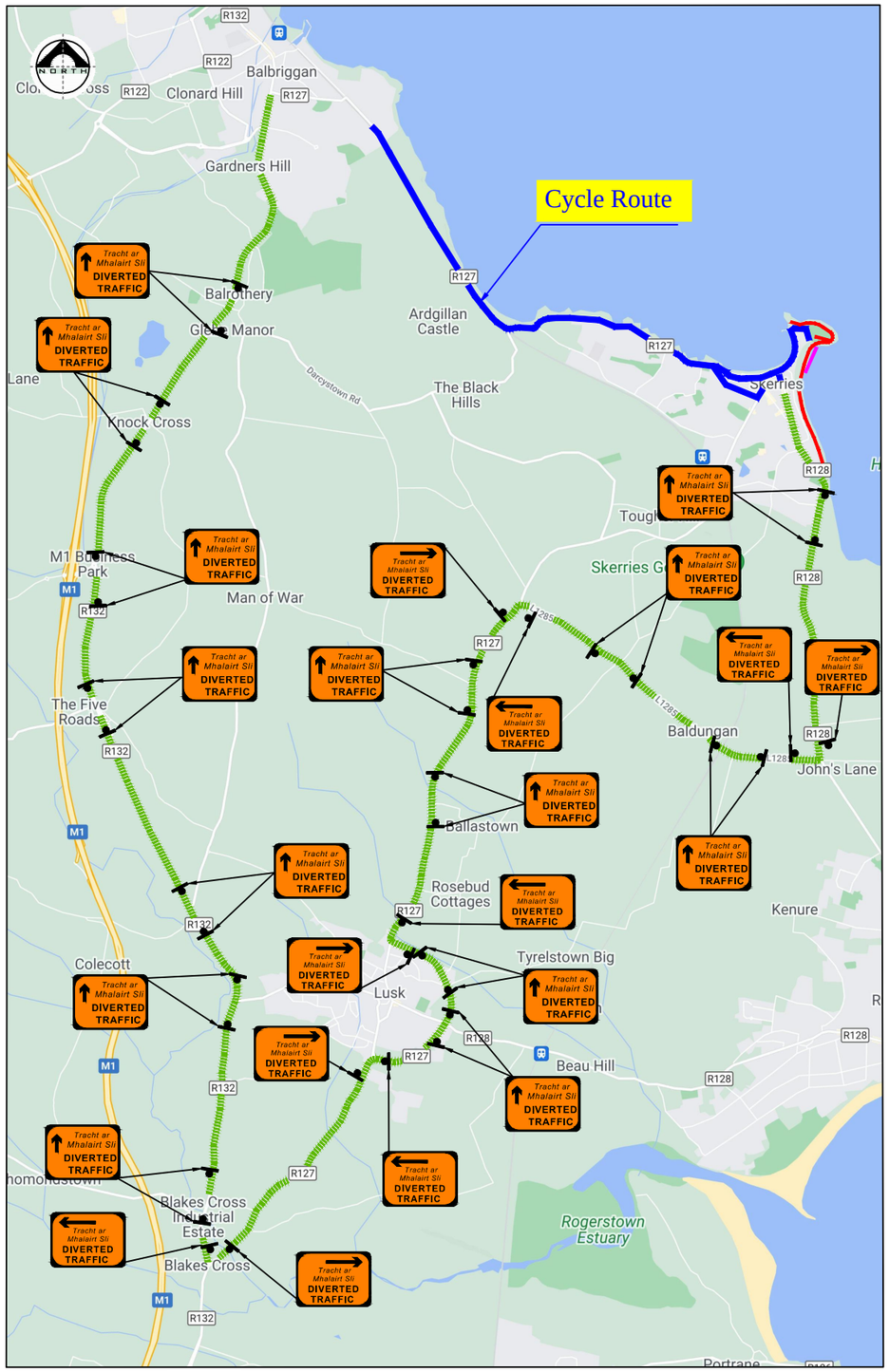
# *PROPOSED TRAFFIC MANAGEMENT SCHEME*

*for*

## *Proposed Skerries Triathlon on Sunday 22nd June 2025*

FINGAL TRIATHLON CLUB

FREEFLOW TRAFFIC MANAGEMENT





***LEGEND***

- *Sign Location*
- *Traffic Cones*
- *Cycle Route*
- *Run Route*
- *Swim Location*
- *Diversion Route*
- *Traffic Management Operative or Marshal*

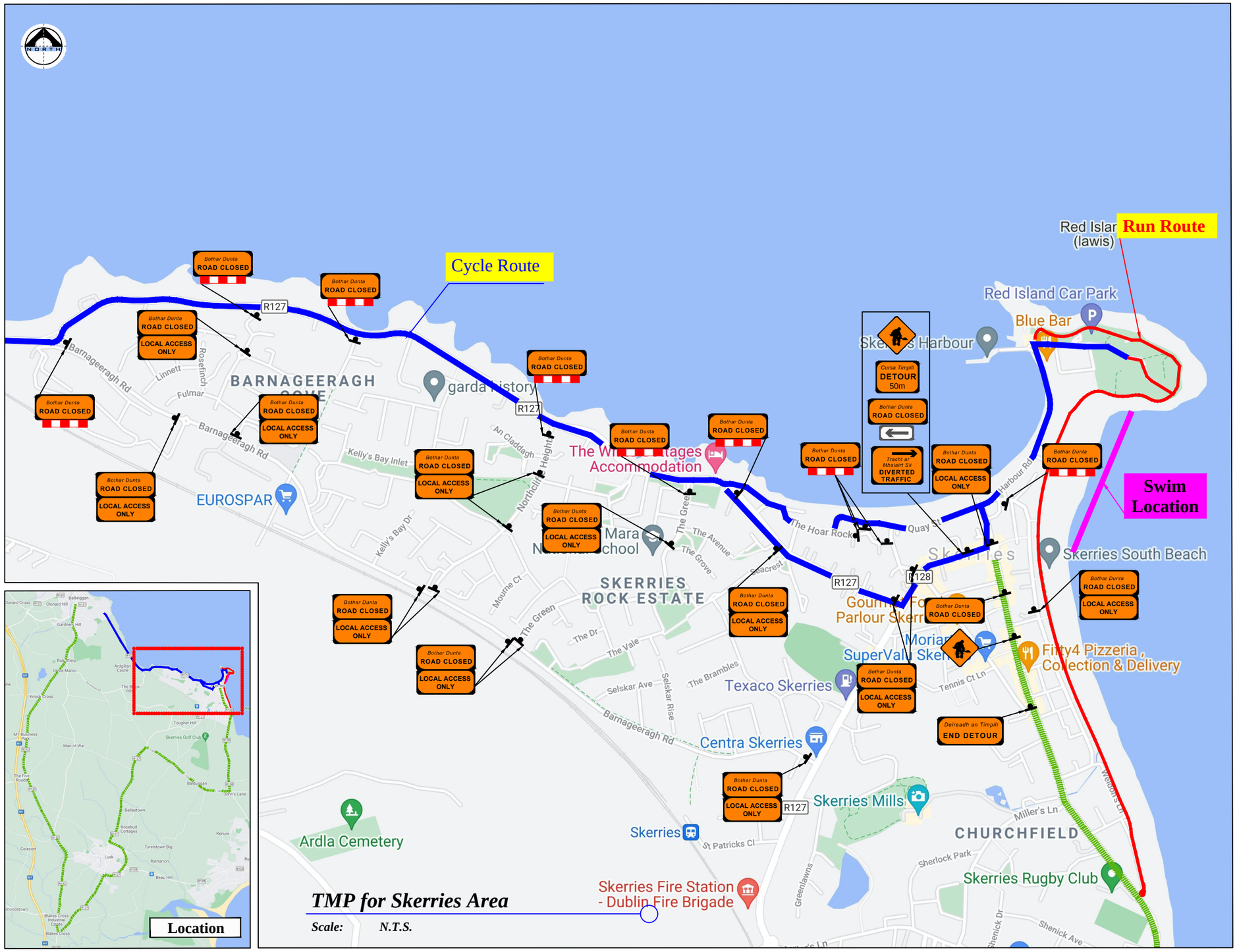
| ***Works TTM type:*** | *Static Type A* | | | | |
|---|---|---|---|---|---|
| | *Design Type A:* ***>12h*** | | | | |
| ***Design Parameters:*** | ***LV-1 (I)*** | ***LV-1 (III)*** | ***LV-1 (IV)*** | ***LV-2 (I)*** | ***LV-2 (II)*** |
| *1. Minimum Sign Size mm* | ***450*** | ***600*** | ***600*** | ***600*** | ***750*** |
| *2. Statutory Speed of the Road* | ***30km/h*** | ***50*** | ***60*** | ***80*** | ***100*** |
| *3. Distance between Advance Signs* | ***10m*** | ***20m*** | ***20m*** | ***120m*** | ***200m*** |
| *4. Number of Advance Signs* | *1 (<12h) 2 (>12h)* | ***2*** | *3 (<12h) 2 (>12h)* | *3 (<12h) 4 (>12h)* | *3 (<12h) 4 (>12h)* |
| *5. Minimum Visibility of Signs* | ***25m*** | ***50m*** | ***60m*** | ***90m*** | ***120m*** |
| *6. Longitudinal Safety Zone* | ***0.5m*** | ***5m*** | ***15m*** | ***45m*** | ***60m*** |
| *7. Lateral Safety Zone* | ***0.5m*** | ***0.5m*** | ***0.5m*** | ***1.2m*** | ***1.2m*** |
| *8. Leading Taper* | *1in1m* | *1in5m* | *1in10m* | *1in40* | *Lane 1in60 M/S 1in30* |
| *9. Maximum at Tapers Cone Space* | ***1m*** | ***3m*** | ***3m*** | ***3m*** | ***3m*** |
| *10. Maximum Longitudinal Cone Space* | ***3m*** | ***3m*** | ***6m*** | ***12m*** | ***12m*** |
| *11. Lane Width (m)* | ***2.5m*** | ***3 (2.5)*** | ***3 (2.5)*** | ***3 m*** | ***3 m*** |
| *12. Two-way Roadway width (m)* | ***5m*** | ***5m*** | ***5m*** | - | - |

***Note:***

1. *All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document-2019.*
2. *All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".*
3. *Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.*
4. *Exact sign positions to be agreed on site.*
5. *All affected Parties and An Garda Siochana to be notified prior to works commencing.*
6. *Signs to be positioned so as not to cause an obstruction to other road users.*
7. *All signs to be faced with retro-reflective material to class ref 2 of EN 12899.*
8. *"End of Roadworks" sign placed 20m to 50m from end of works area.*
9. *Emergency routes will be maintained.*

***FREEFLOW TRAFFIC MANAGEMENT***

| *Rev:* | *Description:* | *Date:* | *Job Details:* | *Drawing:* | *Dwg no:* |
|---|---|---|---|---|---|
| | | | Proposed Traffic Management Plan for Skerries Triathlon on Sunday 22nd June 2025 | TMP for Event and Diversion Routes | 01 |
| | | | | | *Rev:* |
| | | | *Sheet:* / *CAD File ref.:* | *Drawn By:* DM / *Date:* January 2025 | *Scale:* As Shown |




## LEGEND

- Sign Location
- Traffic Cones
- Cycle Route
- Run Route
- Swim Location
- Diversion Route
- Traffic Management Operative or Marshal

| Works TTM type: | Static Type A | | | | |
|---|---|---|---|---|---|
| | Design Type A: >12h | | | | |
| **Design Parameters:** | LV-1 (I) | LV-1 (III) | LV-1 (IV) | LV-2 (I) | LV-2 (II) |
| 1. Minimum Sign Size mm | 450 | 600 | 600 | 600 | 750 |
| 2. Statutory Speed of the Road | 30km/h | 50 | 60 | 80 | 100 |
| 3. Distance between Advance Signs | 10m | 20m | 20m | 120m | 200m |
| 4. Number of Advance Signs | 1 (<12h) 2 (>12h) | 2 | 3 (<12h) 2 (>12h) | 3 (<12h) 4 (>12h) | 3 (<12h) 4 (>12h) |
| 5. Minimum Visibility of Signs | 25m | 50m | 60m | 90m | 120m |
| 6. Longitudinal Safety Zone | 0.5m | 5m | 15m | 45m | 60m |
| 7. Lateral Safety Zone | 0.5m | 0.5m | 0.5m | 1.2m | 1.2m |
| 8. Leading Taper | 1in1m | 1in5m | 1in10m | 1in40 | Lane 1in60 M/S 1in30 |
| 9. Maximum at Tapers Cone Space | 1m | 3m | 3m | 3m | 3m |
| 10. Maximum Longitudinal Cone Space | 3m | 3m | 6m | 12m | 12m |
| 11. Lane Width (m) | 2.5m | 3 (2.5) | 3 (2.5) | 3 m | 3 m |
| 12. Two-way Roadway width (m) | 5m | 5m | 5m | - | - |

**Note:**

1. All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document-2019.
2. All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".
3. Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.
4. Exact sign positions to be agreed on site.
5. All affected Parties and An Garda Siochana to be notified prior to works commencing.
6. Signs to be positioned so as not to cause an obstruction to other road users.
7. All signs to be faced with retro-reflective material to class ref 2 of EN 12899.
8. "End of Roadworks" sign placed 20m to 50m from end of works area.
9. Emergency routes will be maintained.

FREEFLOW TRAFFIC MANAGEMENT

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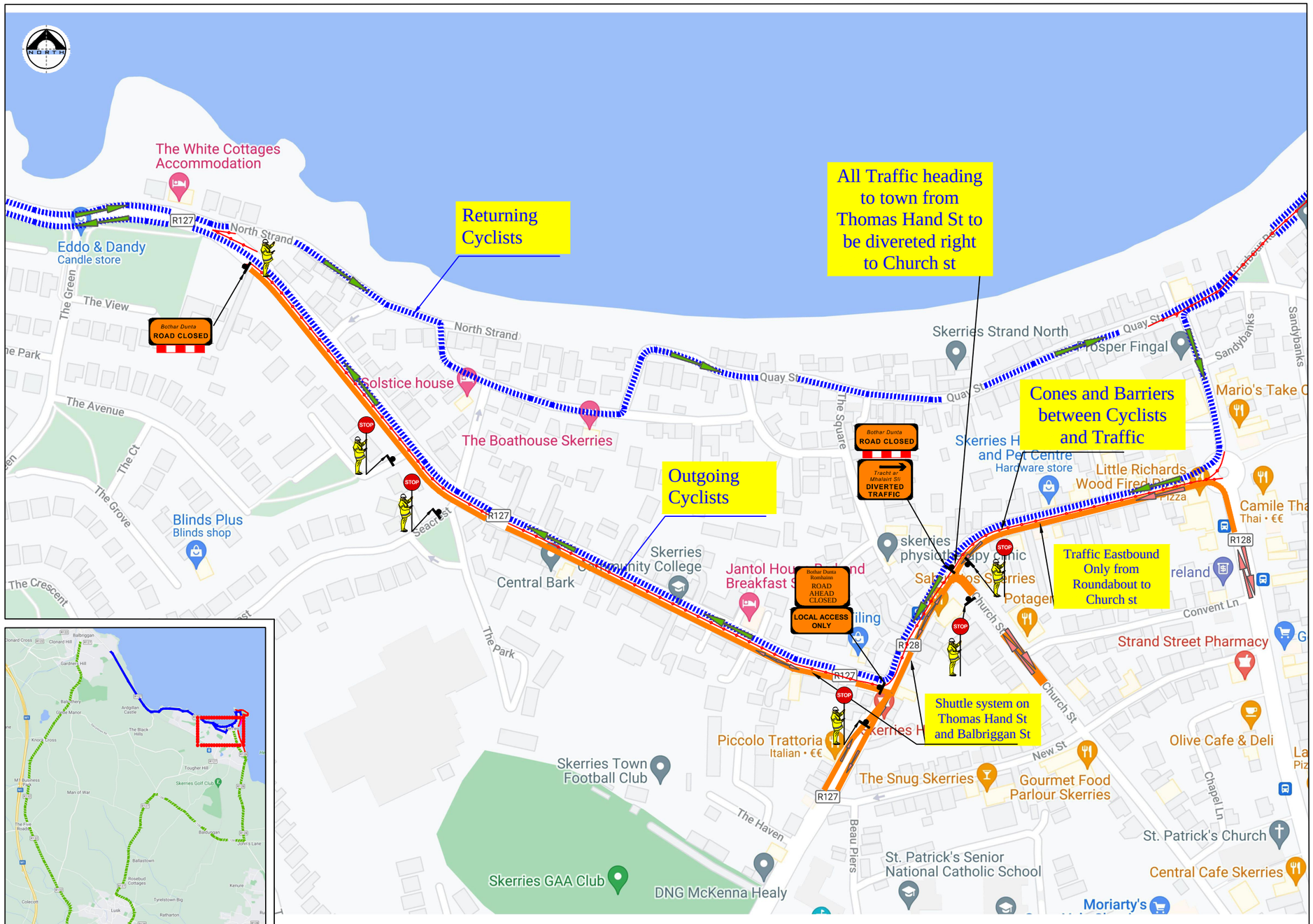
| Job Details: Proposed Traffic Management Plan for Skerries Triathlon on Sunday 22nd June 2025 | | Drawing: TMP Road Closures | Dwg no: 02 |
| | | | Rev: |
| Sheet: | CAD File ref.: | Drawn By: DM | Date: January 2025 |
| | | | Scale: As Shown |







## *TMP for Skerries*

***Scale:*** ***N.T.S.***

### *LEGEND*

- *Sign Location*
- *Traffic Cones*
- *Cycle Route*
- *Run Route*
- *Swim Location*
- *Diversion Route*
- *Traffic Management Operative or Marshal*

| ***Works TTM type:*** | *Static Type A* | | | | |
|---|---|---|---|---|---|
| | *Design Type A:* ***>12h*** | | | | |
| ***Design Parameters:*** | ***LV-1 (I)*** | ***LV-1 (III)*** | ***LV-1 (IV)*** | ***LV-2 (I)*** | ***LV-2 (II)*** |
| 1. *Minimum Sign Size mm* | ***450*** | ***600*** | ***600*** | ***600*** | ***750*** |
| 2. *Statutory Speed of the Road* | ***30km/h*** | ***50*** | ***60*** | ***80*** | ***100*** |
| 3. *Distance between Advance Signs* | ***10m*** | ***20m*** | ***20m*** | ***120m*** | ***200m*** |
| 4. *Number of Advance Signs* | *1 (<12h) 2 (>12h)* | ***2*** | *3 (<12h) 2 (>12h)* | *3 (<12h) 4 (>12h)* | *3 (<12h) 4 (>12h)* |
| 5. *Minimum Visibility of Signs* | ***25m*** | ***50m*** | ***60m*** | ***90m*** | ***120m*** |
| 6. *Longitudinal Safety Zone* | ***0.5m*** | ***5m*** | ***15m*** | ***45m*** | ***60m*** |
| 7. *Lateral Safety Zone* | ***0.5m*** | ***0.5m*** | ***0.5m*** | ***1.2m*** | ***1.2m*** |
| 8. *Leading Taper* | *1in1m* | *1in5m* | *1in10m* | *1in40* | *Lane 1in60 M/S-1in30* |
| 9. *Maximum at Tapers Cone Space* | ***1m*** | ***3m*** | ***3m*** | ***3m*** | ***3m*** |
| 10. *Maximum Longitudinal Cone Space* | ***3m*** | ***3m*** | ***6m*** | ***12m*** | ***12m*** |
| 11. *Lane Width (m)* | ***2.5m*** | *3 (2.5)* | *3 (2.5)* | *3 m* | *3 m* |
| 12. *Two-way Roadway width (m)* | ***5m*** | ***5m*** | ***5m*** | - | - |

***Note:***

1. *All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document-2019.*
2. *All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".*
3. *Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.*
4. *Exact sign positions to be agreed on site.*
5. *All affected Parties and An Garda Siochana to be notified prior to works commencing.*
6. *Signs to be positioned so as not to cause an obstruction to other road users.*
7. *All signs to be faced with retro-reflective material to class ref 2 of EN 12899.*
8. *"End of Roadworks" sign placed 20m to 50m from end of works area.*
9. *Emergency routes will be maintained.*

***FREEFLOW TRAFFIC MANAGEMENT***

| *Rev:* | *Description:* | *Date:* |
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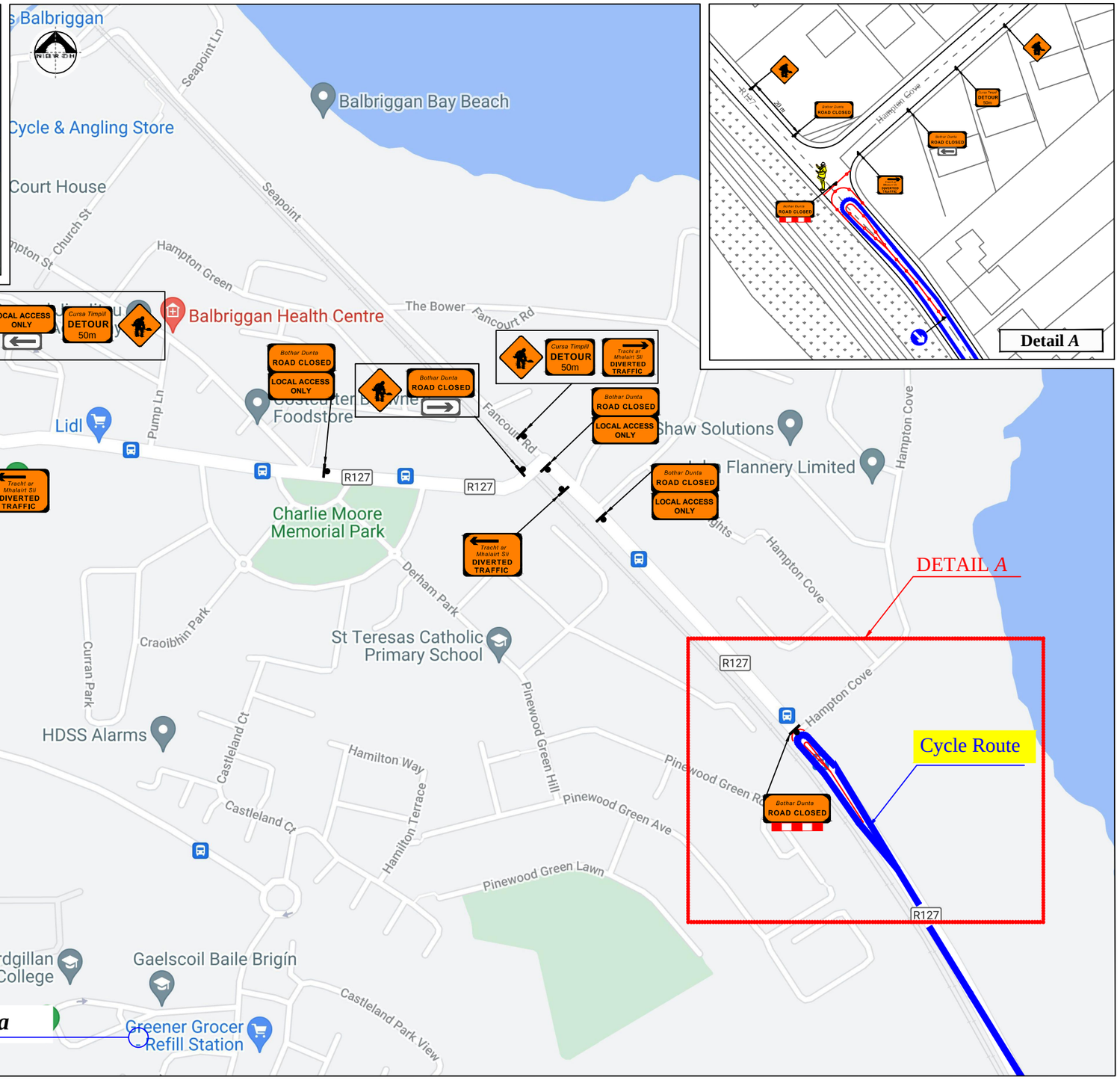
|---|---|---|---|
| *Job Details:* Proposed Traffic Management Plan for Skerries Triathlon on Sunday 22nd June 2025 | | *Drawing:* TMP for Road Closed and Stop & Go System | *Dwg no:* 02a |
| | | | *Rev:* |
| *Sheet:* | *CAD File ref.:* | *Drawn By:* DM / *Date:* January 2025 | *Scale:* As Shown |





## LEGEND

- Sign Location
- Traffic Cones
- Cycle Route
- Run Route
- Swim Location
- Diversion Route
- Traffic Management Operative or Marshal

| Works TTM type: | Static Type A | | | | |
|---|---|---|---|---|---|
| | Design Type A: >12h | | | | |
| **Design Parameters:** | LV-1 (I) | LV-1 (III) | LV-1 (IV) | LV-2 (I) | LV-2 (II) |
| 1. Minimum Sign Size mm | 450 | 600 | 600 | 600 | 750 |
| 2. Statutory Speed of the Road | 30km/h | 50 | 60 | 80 | 100 |
| 3. Distance between Advance Signs | 10m | 20m | 20m | 120m | 200m |
| 4. Number of Advance Signs | 1 (<12h) 2 (>12h) | 2 | 3 (<12h) 2 (>12h) | 3 (<12h) 4 (>12h) | 3 (<12h) 4 (>12h) |
| 5. Minimum Visibility of Signs | 25m | 50m | 60m | 90m | 120m |
| 6. Longitudinal Safety Zone | 0.5m | 5m | 15m | 45m | 60m |
| 7. Lateral Safety Zone | 0.5m | 0.5m | 0.5m | 1.2m | 1.2m |
| 8. Leading Taper | 1in1m | 1in5m | 1in10m | 1in40 | Lane 1in60 M/S 1in30 |
| 9. Maximum at Tapers Cone Space | 1m | 3m | 3m | 3m | 3m |
| 10. Maximum Longitudinal Cone Space | 3m | 3m | 6m | 12m | 12m |
| 11. Lane Width (m) | 2.5m | 3 (2.5) | 3 (2.5) | 3 m | 3 m |
| 12. Two-way Roadway width (m) | 5m | 5m | 5m | - | - |

**Note:**

1. All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document-2019.
2. All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".
3. Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.
4. Exact sign positions to be agreed on site.
5. All affected Parties and An Garda Siochana to be notified prior to works commencing.
6. Signs to be positioned so as not to cause an obstruction to other road users.
7. All signs to be faced with retro-reflective material to class ref 2 of EN 12899.
8. "End of Roadworks" sign placed 20m to 50m from end of works area.
9. Emergency routes will be maintained.
10. U Turn to be indicated with event signs, to slow down cyclists.

FREEFLOW TRAFFIC MANAGEMENT

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| Job Details: | Drawing: | Dwg no: |
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| Proposed Traffic Management Plan for Skerries Triathlon on Sunday 22nd June 2025 | TMP Road Closures | 03 |
| | | Rev: |

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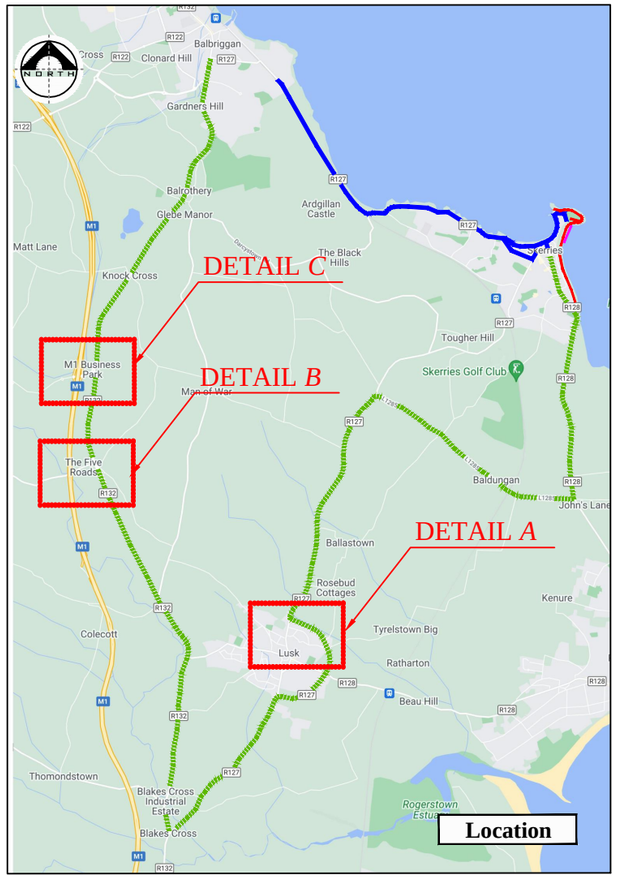


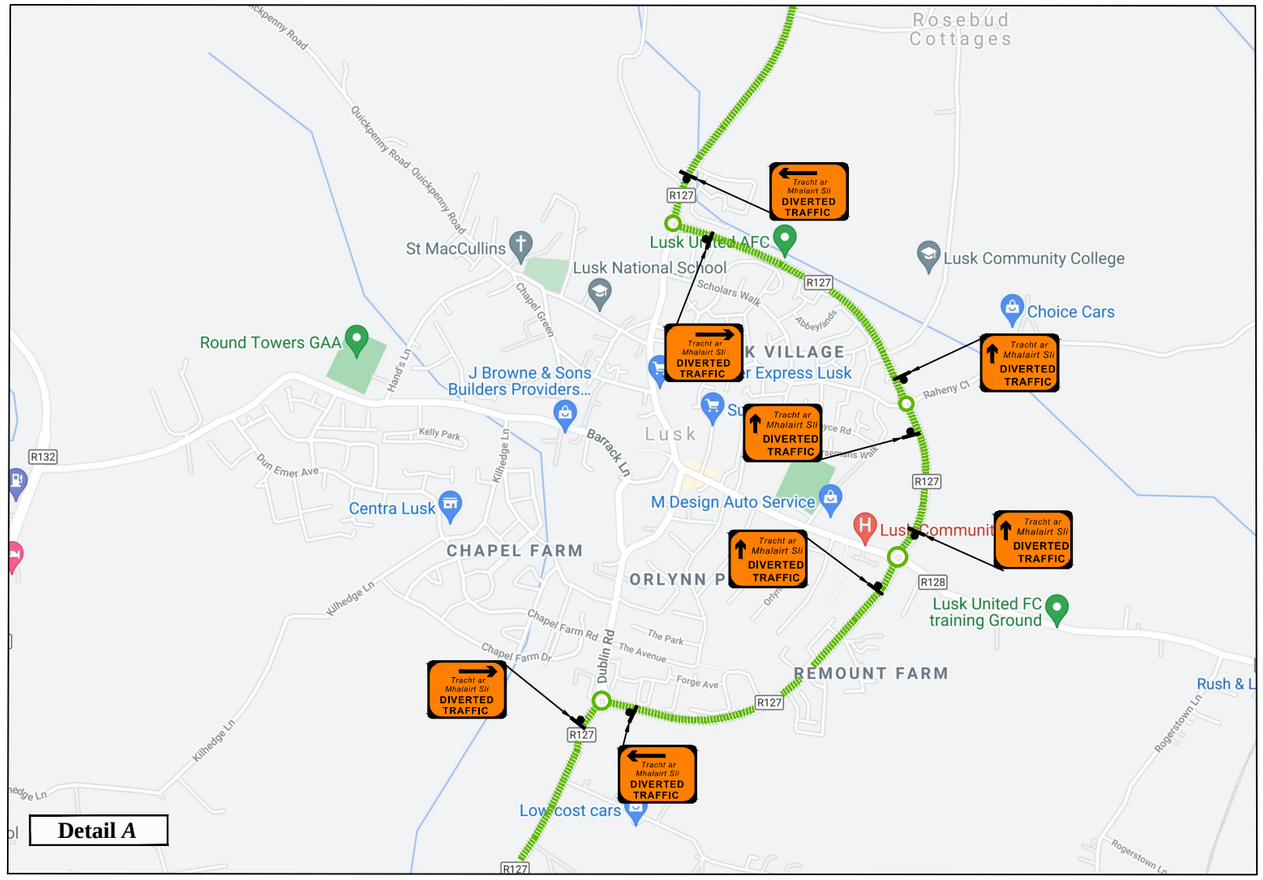



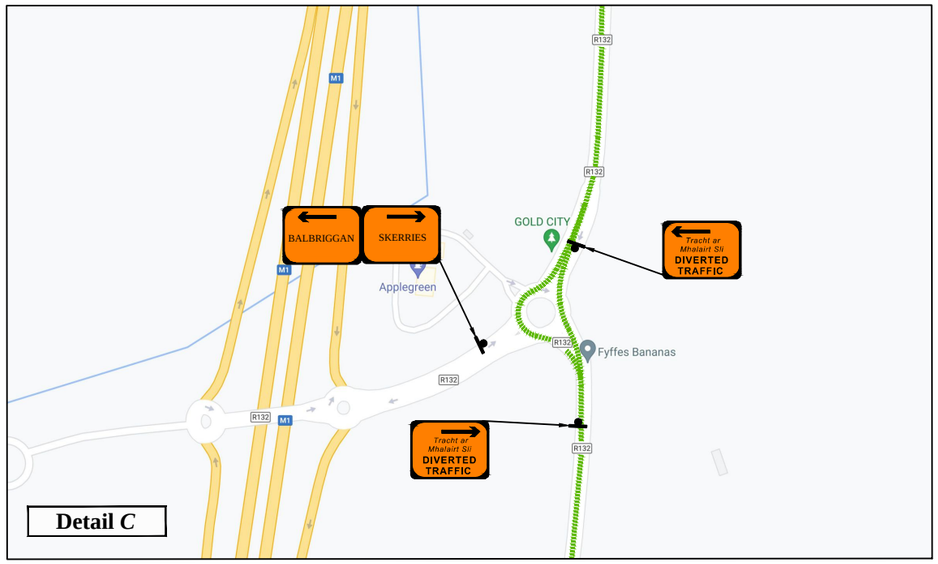


***LEGEND***

- *Sign Location*
- *Traffic Cones*
- *Cycle Route*
- *Run Route*
- *Swim Location*
- *Diversion Route*
- *Traffic Management Operative or Marshal*

| ***Works TTM type:*** | *Static Type A* | | | | |
|---|---|---|---|---|---|
| | *Design Type A:* ***>12h*** | | | | |
| ***Design Parameters:*** | ***LV-1 (I)*** | ***LV-1 (III)*** | ***LV-1 (IV)*** | ***LV-2 (I)*** | ***LV-2 (II)*** |
| 1. *Minimum Sign Size mm* | ***450*** | ***600*** | ***600*** | ***600*** | ***750*** |
| 2. *Statutory Speed of the Road* | ***30km/h*** | ***50*** | ***60*** | ***80*** | ***100*** |
| 3. *Distance between Advance Signs* | ***10m*** | ***20m*** | ***20m*** | ***120m*** | ***200m*** |
| 4. *Number of Advance Signs* | ***1 (<12h) 2 (>12h)*** | ***2*** | ***3 (<12h) 2 (>12h)*** | ***3 (<12h) 4 (>12h)*** | ***3 (<12h) 4 (>12h)*** |
| 5. *Minimum Visibility of Signs* | ***25m*** | ***50m*** | ***60m*** | ***90m*** | ***120m*** |
| 6. *Longitudinal Safety Zone* | ***0.5m*** | ***5m*** | ***15m*** | ***45m*** | ***60m*** |
| 7. *Lateral Safety Zone* | ***0.5m*** | ***0.5m*** | ***0.5m*** | ***1.2m*** | ***1.2m*** |
| 8. *Leading Taper* | ***1in1m*** | ***1in5m*** | ***1in10m*** | ***1in40*** | ***Lane 1in60 M/S-1in30*** |
| 9. *Maximum at Tapers Cone Space* | ***1m*** | ***3m*** | ***3m*** | ***3m*** | ***3m*** |
| 10. *Maximum Longitudinal Cone Space* | ***3m*** | ***3m*** | ***6m*** | ***12m*** | ***12m*** |
| 11. *Lane Width (m)* | ***2.5m*** | ***3 (2.5)*** | ***3 (2.5)*** | ***3 m*** | ***3 m*** |
| 12. *Two-way Roadway width (m)* | ***5m*** | ***5m*** | ***5m*** | ***-*** | ***-*** |

***Note:***

1. *All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document-2019.*
2. *All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".*
3. *Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.*
4. *Exact sign positions to be agreed on site.*
5. *All affected Parties and An Garda Siochana to be notified prior to works commencing.*
6. *Signs to be positioned so as not to cause an obstruction to other road users.*
7. *All signs to be faced with retro-reflective material to class ref 2 of EN 12899.*
8. *"End of Roadworks" sign placed 20m to 50m from end of works area.*
9. *Emergency routes will be maintained.*

FREEFLOW TRAFFIC MANAGEMENT

| *Rev:* | *Description:* | *Date:* | *Job Details:* | | *Drawing:* | | *Dwg no:* |
|---|---|---|---|---|---|---|---|
| | | | Proposed Traffic Management Plan for Skerries Triathlon on Sunday 22nd June 2025 | | TMP for Diversion Route | | 04 |
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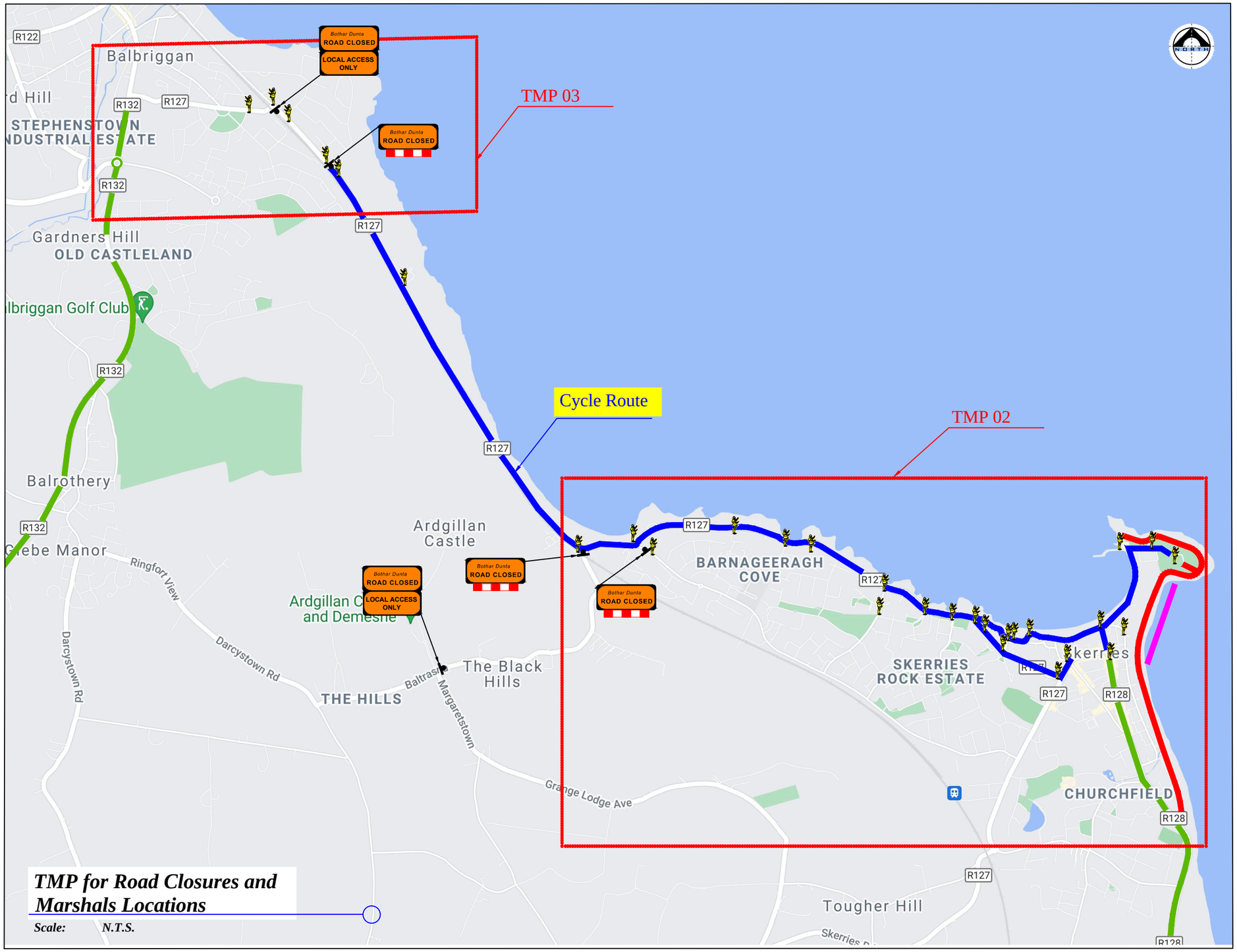


***TMP for Road Closures and Marshals Locations***

***Scale:*** ***N.T.S.***

***LEGEND***

- ***Sign Location***
- ***Traffic Cones***
- ***Cycle Route***
- ***Run Route***
- ***Swim Location***
- ***Diversion Route***
- ***Traffic Management Operative or Marshal***

| ***Works TTM type:*** | *Static Type A* | | | | |
|---|---|---|---|---|---|
| | *Design Type A:* ***>12h*** | | | | |
| ***Design Parameters:*** | ***LV-1 (I)*** | ***LV-1 (III)*** | ***LV-1 (IV)*** | ***LV-2 (I)*** | ***LV-2 (II)*** |
| 1. *Minimum Sign Size mm* | ***450*** | ***600*** | ***600*** | ***600*** | ***750*** |
| 2. *Statutory Speed of the Road* | ***30km/h*** | ***50*** | ***60*** | ***80*** | ***100*** |
| 3. *Distance between Advance Signs* | ***10m*** | ***20m*** | ***20m*** | ***120m*** | ***200m*** |
| 4. *Number of Advance Signs* | ***1 (<12h) 2 (>12h)*** | ***2*** | ***3 (<12h) 2 (>12h)*** | ***3 (<12h) 4 (>12h)*** | ***3 (<12h) 4 (>12h)*** |
| 5. *Minimum Visibility of Signs* | ***25m*** | ***50m*** | ***60m*** | ***90m*** | ***120m*** |
| 6. *Longitudinal Safety Zone* | ***0.5m*** | ***5m*** | ***15m*** | ***45m*** | ***60m*** |
| 7. *Lateral Safety Zone* | ***0.5m*** | ***0.5m*** | ***0.5m*** | ***1.2m*** | ***1.2m*** |
| 8. *Leading Taper* | ***1in1m*** | ***1in5m*** | ***1in10m*** | ***1in40*** | ***Lane 1in60 M/S 1in30*** |
| 9. *Maximum at Tapers Cone Space* | ***1m*** | ***3m*** | ***3m*** | ***3m*** | ***3m*** |
| 10. *Maximum Longitudinal Cone Space* | ***3m*** | ***3m*** | ***6m*** | ***12m*** | ***12m*** |
| 11. *Lane Width (m)* | ***2.5m*** | ***3 (2.5)*** | ***3 (2.5)*** | ***3 m*** | ***3 m*** |
| 12. *Two-way Roadway width (m)* | ***5m*** | ***5m*** | ***5m*** | - | - |

***Note:***

1. *All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document-2019.*
2. *All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".*
3. *Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.*
4. *Exact sign positions to be agreed on site.*
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6. *Signs to be positioned so as not to cause an obstruction to other road users.*
7. *All signs to be faced with retro-reflective material to class ref 2 of EN 12899.*
8. *"End of Roadworks" sign placed 20m to 50m from end of works area.*
9. *Emergency routes will be maintained.*

***FREEFLOW TRAFFIC MANAGEMENT***

| *Rev:* | *Description:* | *Date:* |
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| *Job Details:* Proposed Traffic Management Plan for Skerries Triathlon on Sunday 22nd June 2025 | | *Drawing:* TMP Road Closures and Marshals Locations | *Dwg no:* 05 |
| | | | *Rev:* |
| *Sheet:* | *CAD File ref.:* | *Drawn By:* DM | *Date:* January 2025 / *Scale:* As Shown |


***TMP for VMS and Advance Warning signs locations***

***Scale:*** ***N.T.S.***

***LEGEND***

- ***Sign Location***
- ***Traffic Cones***
- ***Cycle Route***
- ***Run Route***
- ***Swim Location***
- ***Diversion Route***
- ***Traffic Management Operative or Marshal***

| ***Works TTM type:*** | *Static Type A* | | | | |
|---|---|---|---|---|---|
| | *Design Type A:* ***>12h*** | | | | |
| ***Design Parameters:*** | ***LV-1 (I)*** | ***LV-1 (III)*** | ***LV-1 (IV)*** | ***LV-2 (I)*** | ***LV-2 (II)*** |
| 1. *Minimum Sign Size mm* | ***450*** | ***600*** | ***600*** | ***600*** | ***750*** |
| 2. *Statutory Speed of the Road* | ***30km/h*** | ***50*** | ***60*** | ***80*** | ***100*** |
| 3. *Distance between Advance Signs* | ***10m*** | ***20m*** | ***20m*** | ***120m*** | ***200m*** |
| 4. *Number of Advance Signs* | ***1 (<12h) 2 (>12h)*** | ***2*** | ***3 (<12h) 2 (>12h)*** | ***3 (<12h) 4 (>12h)*** | ***3 (<12h) 4 (>12h)*** |
| 5. *Minimum Visibility of Signs* | ***25m*** | ***50m*** | ***60m*** | ***90m*** | ***120m*** |
| 6. *Longitudinal Safety Zone* | ***0.5m*** | ***5m*** | ***15m*** | ***45m*** | ***60m*** |
| 7. *Lateral Safety Zone* | ***0.5m*** | ***0.5m*** | ***0.5m*** | ***1.2m*** | ***1.2m*** |
| 8. *Leading Taper* | ***1in1m*** | ***1in5m*** | ***1in10m*** | ***1in40*** | ***Lane 1in60 M/S 1in30*** |
| 9. *Maximum at Tapers Cone Space* | ***1m*** | ***3m*** | ***3m*** | ***3m*** | ***3m*** |
| 10. *Maximum Longitudinal Cone Space* | ***3m*** | ***3m*** | ***6m*** | ***12m*** | ***12m*** |
| 11. *Lane Width (m)* | ***2.5m*** | ***3 (2.5)*** | ***3 (2.5)*** | ***3 m*** | ***3 m*** |
| 12. *Two-way Roadway width (m)* | ***5m*** | ***5m*** | ***5m*** | ***-*** | ***-*** |

***Note:***

1. *All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document-2019.*
2. *All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".*
3. *Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.*
4. *Exact sign positions to be agreed on site.*
5. *All affected Parties and An Garda Siochana to be notified prior to works commencing.*
6. *Signs to be positioned so as not to cause an obstruction to other road users.*
7. *All signs to be faced with retro-reflective material to class ref 2 of EN 12899.*
8. *"End of Roadworks" sign placed 20m to 50m from end of works area.*
9. *Emergency routes will be maintained.*
10. *Large fixed signage will be placed at junctions to closed roads 2 weeks prior to event.*
11. *4x VMS signs will be placed at key road closure points 1 week prior to event.*

*Prior to event: VMS message will display road closure notice forthcoming.*
*During event: VMS message will display roads closed message / follow detours.*

FREEFLOW TRAFFIC MANAGEMENT

| *Rev:* | *Description:* | *Date:* |
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*Job Details:* Proposed Traffic Management Plan for Skerries Triathlon on Sunday 22nd June 2025

*Drawing:* TMP for VMS and Advance Warning signs locations

*Dwg no:* 06

*Rev:*

*Sheet:*

*CAD File ref.:*

*Drawn By:* DM

*Date:* January 2025

*Scale:* As Shown