

## DLRCC TRAFFIC NEWS

**Saturday, 30<sup>th</sup> September 2023 to Friday, 6<sup>th</sup> October 2023**

A public service provided by Municipal Services Department of Dún Laoghaire-Rathdown County Council. Listed below are noteworthy road works of which the Traffic and Road Safety Section has been informed. Details are supplied as per information received by 16:00 hrs. on the preceding Thursday. Emergency road works cannot be forecast.

» **New Entry**

# **Update**

Estimate of Potential Disruption:

\*\*\* **major**    \*\* **medium**    \* **minimum**

## PROPOSED ROAD CLOSURE

### **SECTION 75 OF THE ROADS ACT, 1993 TEMPORARY CLOSURE OF THORNHILL ROAD, OLD CONNAUGHT, BRAY**

Dún Laoghaire-Rathdown County Council has approved an application from Ward and Burke Construction to extend the temporary closure on Thornhill Road, Old Connaught, Bray from entrance of St. Gerard's Catholic School to Wicklow County Council border from **Saturday, 7<sup>th</sup> October 2023 to Friday, 13<sup>th</sup> October 2023.**

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is to lay new watermains as part of the Old Connaught Woodbrook contract on behalf of Uisce Éireann.

**SECTION 75 OF THE ROADS ACT, 1993**  
**TEMPORARY CLOSURE OF IDRONE TERRACE, BLACKROCK**

Dún Laoghaire-Rathdown County Council has received an application from Irish Rail that proposes the temporary closure of part of Idrone Terrace, Blackrock from No.1 Idrone Terrace to No.5 Idrone Terrace on **Saturday, 14<sup>th</sup> October 2023** between 06:00 hours and 16:00 hours.

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is maintenance to railway infrastructure.

Any interested parties may lodge objections/observations in writing to the Senior Engineer, Traffic Section, County Hall, Marine Road, Dún Laoghaire not later than noon on Wednesday, 4<sup>th</sup> October 2023 or email [info@dlrcoco.ie](mailto:info@dlrcoco.ie).

**SECTION 75 OF THE ROADS ACT, 1993**  
**TEMPORARY CLOSURE OF TRAFALGAR TERRACE AND BELGRAVE PLACE, SEAPOINT, MONKSTOWN**

Dún Laoghaire-Rathdown County Council proposes to temporarily close all Trafalgar Terrace and part of Belgrave Place from its junction with Trafalgar Lane to its junction with Trafalgar Terrace on **Monday, 23<sup>rd</sup> October 2023** to **Friday, 27<sup>th</sup> October 2023** between 08:00 hours to 18:00 hours.

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is to facilitate road resurfacing works.

Any interested parties may lodge objections/observations in writing to the Senior Engineer, Traffic Section, County Hall, Marine Road, Dún Laoghaire not later than noon on Wednesday, 4<sup>th</sup> October 2023 or email [info@dlrcoco.ie](mailto:info@dlrcoco.ie).

**ROAD CLOSURES**

**SECTION 75 OF THE ROADS ACT, 1993**  
**TEMPORARY CLOSURE OF GEORGE'S STREET LOWER, DÚN LAOGHAIRE**

Dún Laoghaire-Rathdown County Council has approved an application from Cumnor Building & Civil Engineering Contractors Ltd. to temporarily close George's Street Lower, Dún Laoghaire from its junction at Library Road to its junction at Sussex Street. The closure will run from Thursday, 28<sup>th</sup> September 2023 to Wednesday, 4<sup>th</sup> October 2023.

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is resurfacing road outside St. Michael's Hospital as part of final phase of Myrtle Square and Convent Lane Greening Project.

**SECTION 75 OF THE ROADS ACT, 1993**  
**TEMPORARY CLOSURE OF MURPHY'S LANE, SHANKILL**

Dún Laoghaire-Rathdown County Council has approved an application from Secto Services Ltd. to temporarily close Murphy's Lane, Shankill from its junction at Barnaslingan Lane to its junction at Puck's Castle Lane. The proposed closure will run from **Monday, 25<sup>th</sup> September 2023** to **Saturday, 30<sup>th</sup> September 2023** between 08:00 hours and 17:00 hours each day.

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is to replace an existing telegraphic pole on behalf of Eir.

**SECTION 75 OF THE ROADS ACT, 1993**  
**TEMPORARY CLOSURE OF N11**  
**between its Junction with Kill Lane (Foxrock Church) to on ramp R118**  
**Cherrywood Interchange - Southbound and Northbound**

Dún Laoghaire-Rathdown County Council has approved an application from Roadstone, Fortunestown, Belgard, Tallaght, Dublin 24 to temporarily close part of the N11 Stillorgan Road between its junction with Kill Lane (Foxrock Church) to on ramp R118 Cherrywood Interchange junction southbound and northbound from **Monday, 18<sup>th</sup> September 2023** to **Thursday, 30<sup>th</sup> November 2023** between 19:30 hours to 05:00 hours each day.

A Traffic Management Plan will be in operation and pedestrian, local access and access for bus and emergency services will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is to widen lanes one and two.

**SECTION 75 OF THE ROADS ACT, 1993  
TEMPORARY CLOSING OF ROADS**

**NOTICE OF INTENTION  
ROADS ACT, 1993**

Dún Laoghaire-Rathdown County Council, on behalf of Globalvia Jons Ltd., Luttrellstown Road, Diswellstown, Castleknock, Dublin 15 gives notice in accordance with Section 75 of the Roads Act, 1993 that the following section of the M50 will be closed as follows:

• **M50/M11 Southbound**

- M50 J16 (Cherrywood) & M11 J4 (Loughlinstown) to M11 J6 (Bray South)
  - Dates & Times: 11/09/23 to 29/09/23 (Monday to Friday nights), 22:00 to 06:00.
- M11 J5 (Bray North) to N11 J7 (Kilcrouney)
  - Dates & Times: 18/09/23 to 06/10/23 (Monday to Friday nights), 22:00 to 06:00.

• **M50/M11 Northbound**

- N11 J7 (Kilcrouney) to M11 J5 (Bray North)
  - Dates & Times: 25/09/23 to 06/10/23 (Monday to Friday nights), 22:00 to 06:00.
- M11 J6 (Bray South) to M11 J5 (Bray North)
  - Dates & Times: 02/10/23 to 13/10/23 (Monday to Friday nights), 22:00 to 06:00.

The purpose of the closure is resurfacing of the M11 Southbound from Marker Post 10.9 to 14.95 & M11 Northbound from Marker Post 14.8 to 11.15.

Only one carriageway and diversion route will be closed on any given night. Intermediate junctions will be closed as required. Local access will be maintained where required with residents contacted in advance of works commencing.

Alternative routes available for vehicular traffic are as follows:

**Diversion for traffic travelling Southbound:**

M50 Southbound J16 to M11 J6

Diversion via – M50 J16 / R118 / N11 SB / R837 / R119 / R761 / Upper Dargle Rd / M11 J6

M11 Southbound J4 to J6

Diversion via – R837 / R119 / R761 / Upper Dargle Rd / M11 J6

M11 Southbound J5 to J7

Diversion via – M11 J5 / R761 / R768 / N11 J7

**SECTION 75 OF THE ROADS ACT, 1993**  
**Road Works Speed Limit Order, No. 2 of 2023 on the N11 in the County of Dún Laoghaire-Rathdown**

Notice is hereby given that Dún Laoghaire-Rathdown County Council, in exercise of the powers under Section 10 of the Road Traffic Act, 2004, in the interests of road safety and to facilitate the resurfacing of the N11 motorway has made an Order entitled **Road Works Speed Limit Order, No.2 of 2023 on the N11 motorway in the County of Dún Laoghaire-Rathdown to apply a road works speed limit as follows:**

**N11 Southbound and Northbound will run from 18/09/2023 until 30/11/2023**

Description of speed limit order **60km/hr:**

- Part of the N11 between its junction with Kill Lane (Foxrock Church) to on ramp R118 Cherrywood Interchange junction southbound and northbound.

The Garda Commissioner has been notified by email of the Council's intention to decrease the speed limit to 60 km/hr and 60 km on the N11 Southbound and Northbound, in accordance with Section 10 of the Roads Traffic Act, 2004.

Accordingly, I recommend the introduction of the 60 km/hr speed limit (N11 Southbound and Northbound) from Monday 18<sup>th</sup> September 2023 until Thursday 30<sup>th</sup> November 2023 or for the duration of the works, whichever is the earlier.

Signed by: Seán McGrath,  
Senior Engineer, *Infrastructure & Climate Change Department*,  
Dún Laoghaire Rathdown County Council,  
Dated this 11<sup>th</sup> of August 2023.

**SECTION 75 OF THE ROADS ACT, 1993**  
**TEMPORARY CLOSURE OF THORNHILL ROAD, OLD CONNAUGHT, BRAY**

Dún Laoghaire-Rathdown County Council has approved an application from Ward and Burke Construction to temporarily close Thornhill Road, Old Connaught, Bray from entrance of St. Gerard's Catholic School to Wicklow County Council Border from **Wednesday, 28<sup>th</sup> June 2023 to Friday, 6<sup>th</sup> October 2023.**

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is to lay new watermains as part of the Old Connaught Woodbrook contract on behalf of Uisce Éireann.

**SECTION 75 OF THE ROADS ACT, 1993  
TEMPORARY CLOSURE OF FERNDALE ROAD**

Dún Laoghaire-Rathdown County Council has approved an application from Ward and Burke Construction to temporarily close Ferndale Road from Thornhill Road / Old Connaught Avenue junction to Allies River Road junction from **Monday, 11<sup>th</sup> September 2023 to Friday, 17<sup>th</sup> November 2023**. Closure will commence when the works on Thornhill Road have been completed.

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure is installation of Ferndale Road culvert replacement for Uisce Éireann.

**SECTION 75 OF THE ROADS ACT, 1993  
TEMPORARY CLOSURE OF BALLYMAN LANE, KILTERNAN**

Dún Laoghaire-Rathdown County Council has approved an application from Ward and Burke Construction to temporarily close Ballyman Lane, Kilternan from Murphy's Lane to Ballyman Lane until **Friday, 24<sup>th</sup> November 2023**.

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. Diversion routes will be clearly signposted.

The purpose of the closure relates to the watermains works on Ballyman Road which will be coming up to the junction of Ballyman Lane to lay pipe there. There will also be a large number of concrete and construction equipment deliveries before then using Ballyman Lane.

**SECTION 75 OF THE ROADS ACT, 1993  
TEMPORARY CLOSURE OF GLENAGEARY ROAD UPPER**

Dún Laoghaire-Rathdown County Council has approved an application from Roadstone Ltd to temporarily close Glenageary Road Upper from the junction of R829 Sallynoggin Roundabout to the junction of Killiney Roundabout from **Monday, 3<sup>rd</sup> July 2023 to Thursday, 29<sup>th</sup> February 2024**.

A Traffic Management Plan will be in operation and pedestrian and local access will be maintained at all times. It is not a full road closure - the road will remain open to eastbound motorised traffic.

The scheduling of the works has been changed to maximise works near Rathdown School during school holidays. One of the diversion routes is a distributor road without frontage development. Other diversion routes already have traffic calming. Diversion routes will be clearly signposted.

The Roads Maintenance Section produced a report showing that the proposed works method is the best to minimise traffic impact.

The purpose of the closure is full road reconstruction works will require the road to be excavated with associated ancillary works on the footpath.

## ROADWORKS / LANE RESTRICTIONS

### » **Woodbrook Shanganagh Wastewater Network Extension Works (UISCE ÉIREANN) \*\*\***

Wastewater system improvement works are being carried out by GMC on behalf of Uisce Éireann in Shanganagh Cliffs, Corbawn Avenue, Corbawn Drive, Quinn's Road and Shanganah Park.

Works commenced on the 10<sup>th</sup> of August 2023 and will last for a duration of approximately 50 weeks including the works off road in Shanganagh Park.

A traffic management system will be in place Monday – Friday.

For any urgent queries please contact the GMC Project Team (on behalf of Uisce Éireann) on **0890 452 261** during office hours (8am-5pm), email [customerservice@gmcirl.com](mailto:customerservice@gmcirl.com) or phone the Community Liason Officer, Johnny Cuciureanut on **085 854 1594**

Alternatively, Uisce Éireann can be contacted directly on **1800 278 278** if you have any questions about the project.

### » **Deansgrange Cycle Route Scheme \*\*\***

On September 11<sup>th</sup> CIRCET (Ireland) Ltd., working on behalf of DLRCC, will commence works to provide a two-way cycle track on the western side of Deansgrange Road. The works will also upgrade pedestrian and cyclist's facilities along Kill Lane between the entrance to Clonkeen Park and the junction with Deansgrange Road.

Some localised Stop/Go traffic management will be in operation between the hours of 10am and 4pm from September 11<sup>th</sup> to September 15<sup>th</sup>.

From Monday, September 18<sup>th</sup>, there will be no northbound access to Deansgrange Road from Clonkeen Road / Kill Lane for approximately **six months**. Southbound access will remain open via a new temporary one-way system south of St. Fintan's Villas. Diversion signs will be in place.

The 84 and 84A northbound bus services will be diverted via Abbey Road for the duration of the works. The southbound bus route remains the same.

» **Newtown Avenue outside Rockpoint Site \*\***  
**(Night Works)**

ESB footpath and road crossing reinstatement works will commence on Monday, 2<sup>nd</sup> and Tuesday, 3<sup>rd</sup> October 2023 between 19:00 to 23:00 hrs.

A Stop / Go Traffic Management Plan will be in place.

» **Ardagh Crescent, Blackrock \***

GMC Utilities, working on behalf of Irish Water, are undertaking lead investigation works at this location.

Works will commence on Monday, 2<sup>nd</sup> October 2023 until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

» **Slieve Rua Drive, Blackrock \***

GMC Utilities, working on behalf of Irish Water, are undertaking lead investigation works at this location.

Works will commence on Monday, 2<sup>nd</sup> October 2023 until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

» **Clonkeen Crescent, Pottery Road, Rochestown Avenue,  
O'Rourke Park and Sallynoggin Road \*\*\***

Slit trenches for ESB cabling works will commence on Monday, 2<sup>nd</sup> October 2023 until Friday, 6<sup>th</sup> October 2023 between 10:00 and 16:00 hrs.

A Stop / Go Traffic Management Plan will be in place.

» **Foxrock Avenue, Foxrock \*\***

GMC Utilities, working on behalf of Irish Water, are carrying out upgrade to the water and sewer network programme at this location.

Works will commence on Monday, 2<sup>nd</sup> October 2023 until Friday, 6<sup>th</sup> October 2023 between 10:00 and 16:00 hours.

A 2-Way Stop / Go Traffic Management Plan will be in place.



» **Windsor Drive, Monkstown \*\***

GMC Utilities, working on behalf of Irish Water, are carrying out upgrade to the water and sewer network programme at this location.

Works will commence on Tuesday, 3<sup>rd</sup> October 2023, for one day, between 08:00 and 18:00 hours.

A 2-Way Stop / Go Traffic Management Plan will be in place.

» **Between N11 Old Bray Road to Johnstown Junction \*\***

Resurfacing works will commence on Monday, 2<sup>nd</sup> October 2023 until Friday, 6<sup>th</sup> October 2023 between 19:30 and 06:00 hrs.

Road closures N11 Outbound.

A Traffic Management Plan will be in place.

» **Between Circle K Centenary N11 to Johnstown Junction \*\***

Resurfacing works will commence on Monday, 2<sup>nd</sup> October 2023 until Friday, 6<sup>th</sup> October 2023 between 19:30 and 06:00 hrs.

Bus Lane and cycle lane closures N11 Inbound.

A Traffic Management Plan will be in place.

» **Sion Road, Glenageary \***

GMC Utilities, working on behalf of Irish Water, are undertaking lead investigation works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

# **Abbey Park, Deansgrange \***

GMC Utilities, working on behalf of Irish Water, are undertaking lead investigation works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

**# Woodside Grove, Braemor Road, Churchtown \*\***

GMC Utilities, working on behalf of Irish Water, are undertaking the laying of water mains and rehab works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

**# Glen na Smol, Blackrock \***

GMC Utilities, working on behalf of Irish Water, are undertaking lead investigation works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

**# Wynberg Park, Blackrock \***

GMC Utilities, working on behalf of Irish Water, are undertaking lead investigation works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

**# Landscape Crescent, Braemor Road \*\***

GMC Utilities, working on behalf of Irish Water, are undertaking the laying of water mains and rehab works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

**# Kilgobbin Road / Hillcrest Road \*\***

Installation of bollards along cycle tracks will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

### # **Blackthorn Drive / Drummartin Link Road Junction \*\***

Installation of bollards along cycle tracks will continue until Friday, 6<sup>th</sup> October 2023 between 10:00 and 16:00 hours.

A Traffic Management Plan will be in place.

### # **Sallynoggin Road / Pearse Gardens \*\***

Installation of information board signs will continue until Friday, 6<sup>th</sup> October 2023 between 10:00 and 16:00 hours.

A Traffic Management Plan will be in place.

### # **Cherrywood Park \*\***

GMC Utilities, working on behalf of Irish Water, are carrying out pressure management to the water and sewerage network.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

### # **Clonskeagh Road Cycle Scheme \*\*\***

Footpath and road improvement works will continue until Friday, 6<sup>th</sup> October 2023 between the hours of 10:00 and 16:00.

A Stop / Go Traffic Management Plan will be in place.

### # **Glenageary Road Upper – Active Travel Scheme \*\*\***

Dún Laoghaire-Rathdown County Council, in conjunction with the National Transport Authority, has planned Active Travel Improvement Scheme on Glenageary Road Upper between the Sallynoggin and Killiney Towers Roundabouts.

This Scheme consists of restoration of existing carriageway, construction of two-way cycle track facility on the north side, new toucan crossings, full road construction and associated drainage/ducting/landscaping/and other ancillary works.

Local access will be maintained at all times.

Weekly updates of the scheme will be posted on a weekly basis on the Contractor webpage, please see the link below.

<https://roadstone.ie/glenageary-road-upper-active-travel-scheme>

### # Hillside Drive, Braemor Road, Churchtown \*\*

GMC Utilities, working on behalf of Irish Water, are undertaking the laying of water mains and rehab works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

### # Riverside Drive, Braemor Road, Churchtown \*\*

GMC Utilities, working on behalf of Irish Water, are undertaking the laying of water mains and rehab works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

### # Woodside Drive, Braemor Road, Churchtown \*\*

GMC Utilities, working on behalf of Irish Water, are undertaking the laying of water mains and rehab works at this location.

Works will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hours.

A Traffic Management Plan will be in place.

### Shanganagh Cliffs \*\*\*

Installation of new pumping sewer commenced on Friday, 11<sup>th</sup> August 2023 and will continue until Friday, 6<sup>th</sup> October 2023 between 08:00 and 18:00 hrs.

A Traffic Management Plan will be in place.

### Thornhill Road, Old Connaught \*\*\*

Road closure on Thornhill Road in order to facilitate Pipeline Works installation, on behalf of Irish Water commenced on Monday, 3<sup>rd</sup> July 2023 and will continue until Friday, 13<sup>th</sup> October 2023 on a 24-hour schedule.

A Traffic Management Plan will be in operation.

### **The Park, Cabinteely (Sycamore Lawn, Sycamore Avenue, Sycamore Crescent) \*\***

Concrete Footpaths commenced on Monday, 4<sup>th</sup> September 2023 and will continue until Friday, 20<sup>th</sup> October 2023 between 08:00 and 18:00 hrs.

A Traffic Management Plan will be in operation.

### **Avondale Road, Killiney \*\***

DJ O'Neill on behalf of DLRCC will carry out footpath and cycle track improvement works on Avondale Road in Killiney. Works commenced on Monday, 24<sup>th</sup> July 2023 and will now continue until Friday, 27<sup>th</sup> October 2023 between 10:00 and 16:00 hours.

A Traffic Management Plan will be in place.

### **Dundrum Road, Dundrum \*\*\***

Water main upgrade works commenced on Thursday, 3<sup>rd</sup> August 2023 and will continue until Friday, 3<sup>rd</sup> November 2023.

A 24 hr Stop / Go / Shuttle System will be in place Monday – Friday, roads will reopen to 2-Way Traffic on Saturdays and Sundays.

### **Rock Road, Blackrock \*\***

Public lighting works, to replace existing underground cabling, commenced on Monday, 21<sup>st</sup> August 2023, for approximately 3-months between 10:00 and 16:00 hrs.

A Traffic Management Plan will be in place.

### **Ballyman Lane, Kilternan \***

Road closure on Ballyman Lane in order to facilitate Pipeline Works installation, on behalf of Irish Water commenced on Friday, 26<sup>th</sup> May 2023 and will continue until Friday, 24<sup>th</sup> November 2023 on a 24-hour schedule.

A Traffic Management Plan will be in operation.

### **Cherrygarth, Stillorgan \*\***

Concrete footpaths, kerbing and concrete road repairs commenced on Monday, 14<sup>th</sup> August 2023 and will continue until December 2023 between 08:00 and 18:00 hrs.

A Traffic Management Plan will be in operation.

### **Myrtle Square/Convent Lane \*\*\***

Convent Lane closed to traffic from George's Street. Access only to St. Michael's Hospital, Primary Diversion Library Road and Wellington Street.

Deliveries and Local Access to Convent Lane via Convent Road, Banksman in place to assist deliveries. Deliveries/Emergency access only between 8pm-10am.

### **Blackglen Road Improvement Scheme \*\*\***

Works are ongoing at this location.

Traffic Management will be in place at various locations along Blackglen Road, Lamb's Cross junction and the junction of Harold's Grange Road and College Road.

### **Ballinteer Road, Ballinteer \***

Ongoing works on the wall at Dundrum Wood have ceased for the moment. However, a new footpath layout has been implemented. This will be maintained until the issues with a dangerous wall are resolved.

A Traffic Management Plan will be in operation.

### **N11/M11 - Northbound/Southbound**

Information on planned road works along the M50 can be found at:  
<http://m50concession.com/operation-maintenance/planned-road-works/>

End