

Quick Guide Live Link App

Sign Into the Live Link App

Follow the simple steps below to log into the Live Link App to manage lane and road closures from the job site in real-time.

Steps:

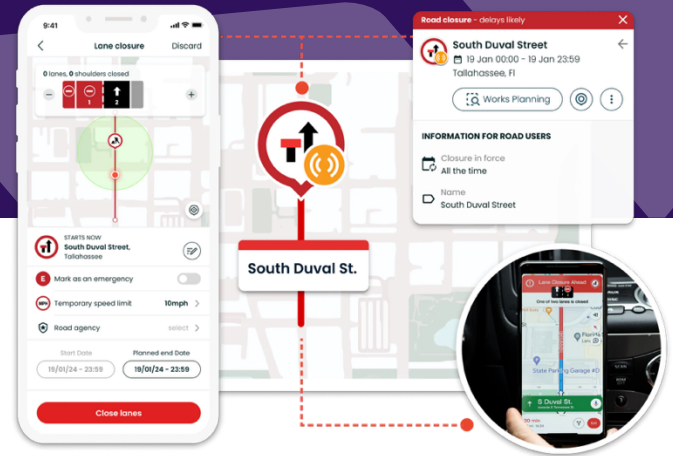
- Download the **Live Link App** from the appropriate source (Apple App Store for iOS or Google Play Store for Android).
- **Open the app** & sign in using your username and password.
- The **username** maybe your **email**.
- If an **error** is received stating the app is for Live Link subscribers only, please speak with the **Community Administrator**.



Sign in

Email

Next



Live Link App

The Live Link mobile app allows you to manage lane and road closures from the job site in real-time. This will communicate critical safety information to data consumers (trucking software, connected vehicles, consumer navigation services, etc.) in real-time increasing the safety of the travelling public and road crews.

Information shared via the Live Link app is treated differently by data consumers and is highly trusted. **Therefore, it is critical that the data is entered and maintained accurately and in real-time.** Lanes and roads should be closed as the first traffic channelizing device goes down and reopened as the last traffic channelizing device comes up.

Live Link will help save lives but to maintain this level of trust, accuracy and timeliness are key. Misusing Live Link, even unintentionally, will result in your closures being ignored by drivers, and may result in some or all your road agency's closure information being overridden or removed by data consumers.

Quick Guide: Live Link App

Live Link App Dashboard

On the dashboard, there is a list of all lane and road closures that are upcoming, ongoing, and expired. There are also buttons to access the app menu, search for closures, and create a new closure.

Upcoming Closure

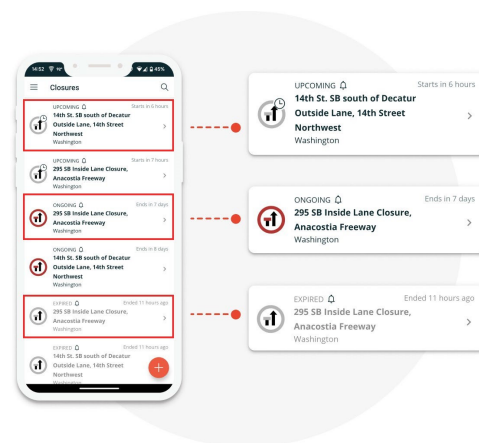
- An **'Upcoming'** closure is scheduled to start (up to 1 month in the future).

Ongoing Closure

- An **'Ongoing'** closure is a lane or road closure that is closed now, or is scheduled to be closed now but requires manual

Expired Closure

- An **'Expired'** closure has been reopened or reached its scheduled end date and time.



Activating a Road Closure

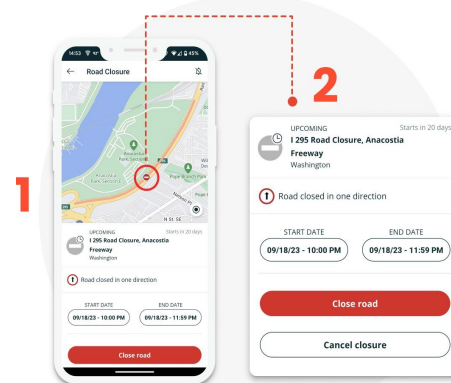
If the closure has been entered in advance using Plan Share or Traffic Management, activate the closure when the first channelizing device goes down. To activate a lane/road closure, be within 200 yards of any part of the closure (unless geofencing restrictions have been switched off in the settings by the community admin).

Step One:

- Tap** the closure to activate. Filter, sort, and search the list of closures. Please see the **Search & Menu Panel** section for more information.

Step Two:

- Verify** the closure location, start date & time, end date & time, and any other closure information.



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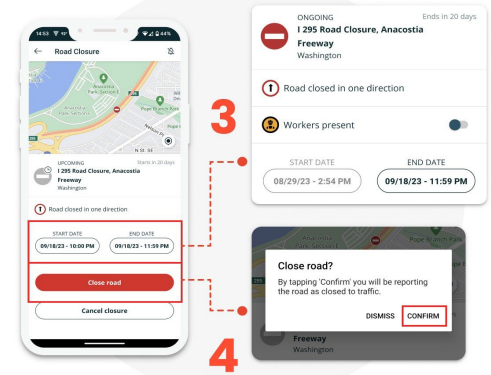
Activating a Road Closure Cont.

Step Three:

- If necessary, **modify** the planned start date & time and the planned end date & time of the closure.

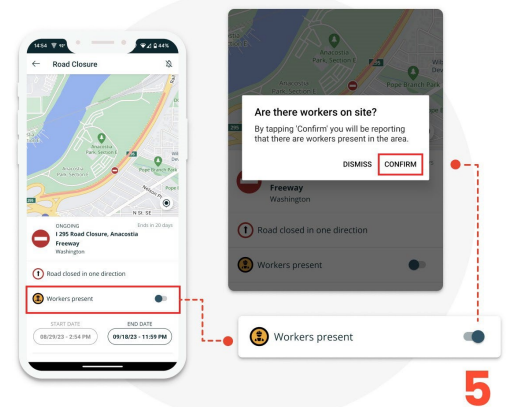
Step Four:

- Tap **Close Lane/Road**. A message will appear asking to confirm to close the lane/road.
- Tap **Confirm**.



Step Five:

- If workers are present on the site, **toggle** the **Workers present** toggle **On**.
- A **message** will appear asking to confirm that workers are present on site.
- Tap **Confirm**.



The closure and the presence of workers have now been sent to all of Causeway one.network's data partners and is being used by their applications.

Do not forget to update the end date and time and worker presence as needed, and to reopen the closure when the last channelizing device comes up!

Please see the **Managing a Closure and Reopening a lane/road** section below for more information.

Cancelling A Planned Closure

Sometimes it is necessary to cancel a planned closure once already on site, without ever activating the closure. When that is necessary, cancelling is available from the Live Link mobile app. To cancel a lane/road closure, be within 200 yards of any part of the closure to be cancelled (unless geofencing restrictions have been switched off in the settings by the community admin).

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Cancelling A Planned Closure Cont.

Step One:

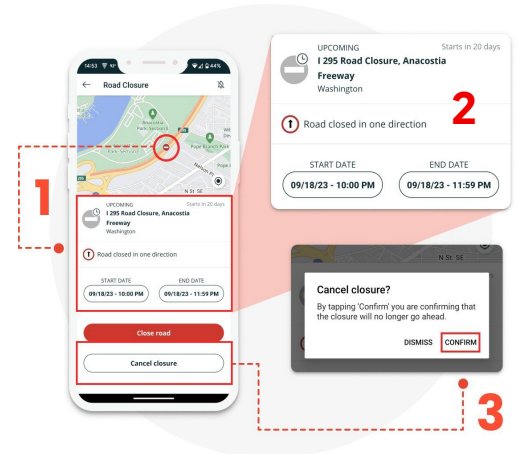
- Tap the closures to cancel. **Filter, sort, and search** the list of closures. Please see the Menu Panel & Search section below for more information.

Step Two:

- **Verify** the closure location, start date & time, end date & time, and any other closure information.

Step Three:

- Tap **Cancel closure**. A message will appear asking to confirm to cancel the closure. Tap **Confirm**.
- **Note:** Closures cannot be uncanceled or reinstated. If cancelled by mistake, or later need to close the lane/road, create a new lane/road closure.



Creating a New Lane/Road Closure

If the closure has not been entered into Causeway one.network in advance using Plan Share or Traffic Management, then create the closure using the Live Link mobile app.

To create a lane/road closure, be within 200 yards of the lane/road to close (unless geofencing restrictions have been switched off in the settings by the community admin).

Step One:

- Tap the **+ sign** in the bottom right-hand corner.

Step Two:

- Select **'Create lane closure'** or **'Create road closure'**.



Quick Guide: Live Link App

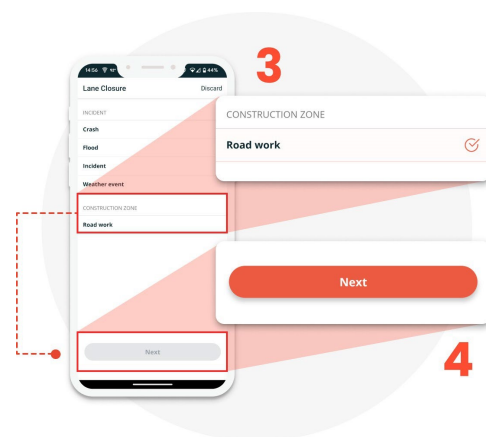
Creating a New Lane/Road Closure Cont.

Step Three:

- For road work, select the **'Road work'** option under **'Construction zone'**. Otherwise, select the appropriate Incident type.

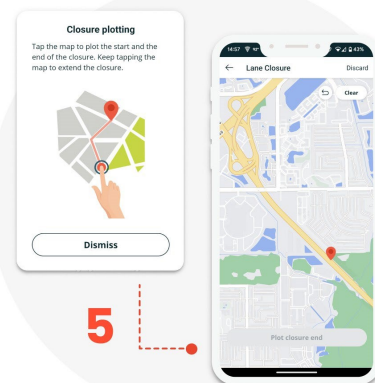
Step Four:

- Tab **'Next'**.



Step Five:

- A **reminder** on how to plot a closure in Live Link will appear.
- Once the reminder is read, tap **dismiss**.



Step Six:

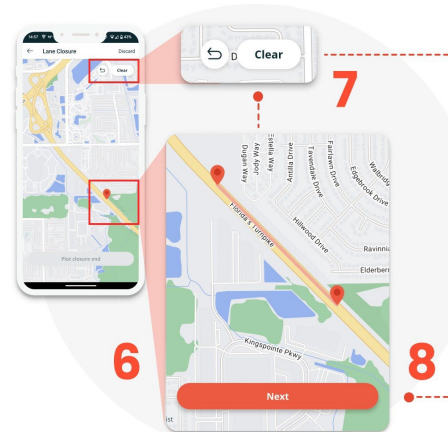
- Tap the map** to plot the start point of the closure and tap again where to plot the end point.

Step Seven:

- Tap the **undo arrow** to clear the last point plotted or tap **Clear** to redraw the entire closure.
- Tip:** Zoom in the map by pinching to ensure the correct start and end points are being set.

Step Eight:

- Tap **'Next'**.



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Creating a New Lane/Road Closure Cont.

Step Nine:

- If creating a lane closure, select the lanes that are being closed (click the **+** or **-** sign to add/ remove lanes).

Step Ten:

- Enter a **description** by clicking on the pen/paper sign.

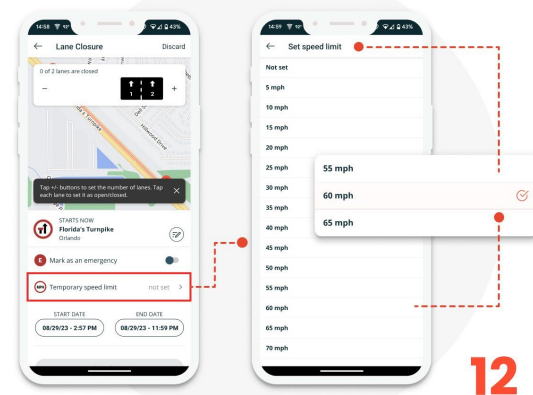
Step Eleven:

- Only select 'Mark as an emergency' **if truly an emergency**.
- Follow the **road agency's instructions** on what qualifies as an emergency closure.



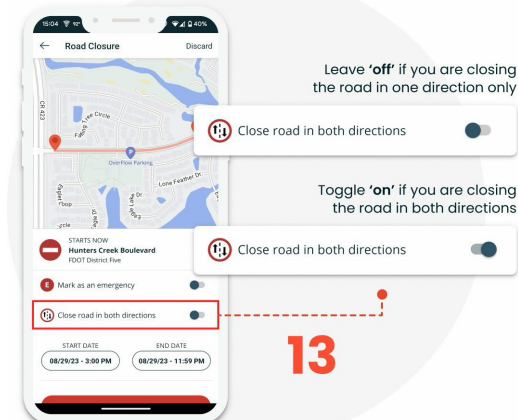
Step Twelve:

- If creating a lane closure,
 - Tap '**Temporary speed limit**' to set a temporary speed limit.
 - **Select** the speed limit.
 - **Tap** the back arrow.



Step Thirteen:

- If creating a road closure on a non-divided roadway, toggle '**Close road in both directions**' to **On** if closing the road in both directions.
- If only closing the road in one direction, keep this toggled **Off**.



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Creating a New Lane/Road Closure Cont.

Step Fourteen:

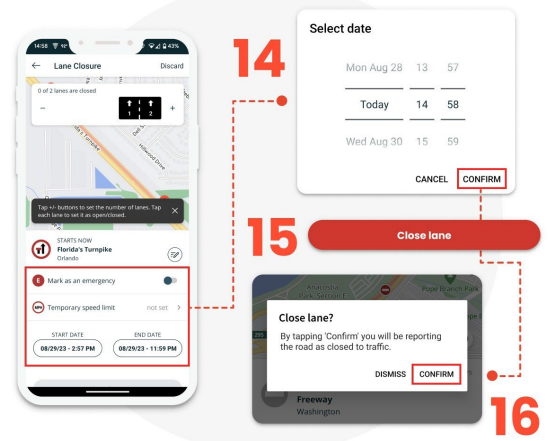
- If the closure is **not an emergency**, enter the start date and time. If the closure **is an emergency**, you the start date or time cannot be changed.
- **Note:** Future start dates and times cannot be entered in the Live Link mobile app. Future closures can be entered using Plan Share or Traffic Management.

Step Fifteen:

- Enter the end date and time. Tap '**Close lane/road**'.

Step Sixteen:

- A message will appear asking to confirm to close the lane/road. Tap **Confirm**.



Step Seventeen:

- A **confirmation message** will appear on the screen to indicate that lane/road closure was successfully created and is now in effect.
- Tap **Dismiss**.

Step Eighteen:

- The **lane/road closure** will now appear in the list of closures on the home page dashboard.

Note:

Workers present is automatically toggled on when creating a closure in the Live Link mobile app.

The closure and the presence of workers have now been sent to all of Causeway one.network's data partners and is being used by their applications. **Do not forget to update the end date and time and worker presence as needed, and to reopen the closure when the last channelizing device comes up!** Please see the **Managing a Closure and Reopening a Lane/Road** sections below for more information.

Quick Guide: Live Link App

Search and Menu Panel: Search

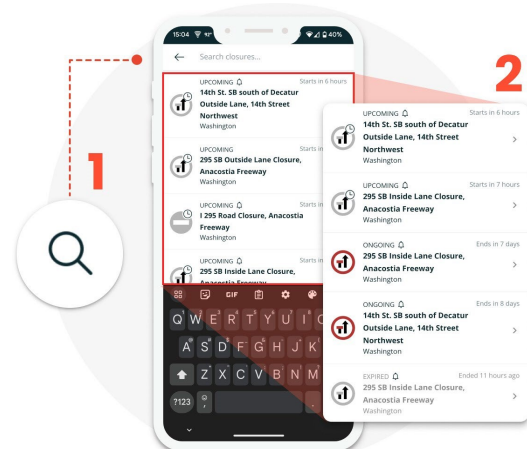
The organization may be responsible for a large number of closures, which means a long list of closures in the Live Link app dashboard. To help find closures quickly, the Live Link mobile app has options to Search, Filter, and Sort the list of closures on the Live Link app dashboard.

Step One:

- On the Live Link app dashboard, **tap the magnifying glass** in the upper right corner to search.

Step Two:

- When typing, the list of closures will be **filtered** to the relevant search results.



Search and Menu Panel: Filters

RELEVANT (APP)

Closures that are up to 7 miles away and either need to be closed or opened within the next 2 hours.

CLOSURES

Relevant ☒

Subscribed ☐

UPCOMING

Closures that are **scheduled to start** (up to 1 month in the future).

UPCOMING

East Tropicana Avenue

Clark, Clark County

Starts in 8 hours

RELEVANT (DESKTOP)

Closures that either need to be closed or opened within the next 2 hours.

Live Link Closure Management

Promoter ▼ Filters ▼

No closures available. ☒ Relevant

EXPIRED

Closures that have reopened or have reached the scheduled end date and time.

EXPIRED

Las Vegas.SB.SR, South Las Vegas Boulevard

Clark, Clark County

Ended 4 hours ago

SUBSCRIBED (APP ONLY)

Closures that you have subscribed to receive notifications for.

CLOSURES

Relevant ☐

Subscribed ☒

UNCONFIRMED

Planned closures that have **not yet been activated** with a start time/day in the past and an end time/day in the future.

UNCONFIRMED

SOUTH HALF ON HARMON FROM MARYLAND TO EASTERN, East Harmon Avenue

Clark, Clark County

Started a month ago

ONGOING

Closures that are **closed now** or are scheduled to be **closed now** but require manual confirmation.

ONGOING

East Harmon Avenue107.01-006-0 RLC

WB Harmon: Mary, East Harmon Avenue

Clark, Clark County

Ends in 4 months

PROMOTER

Closures from the selected organization.

PROMOTER

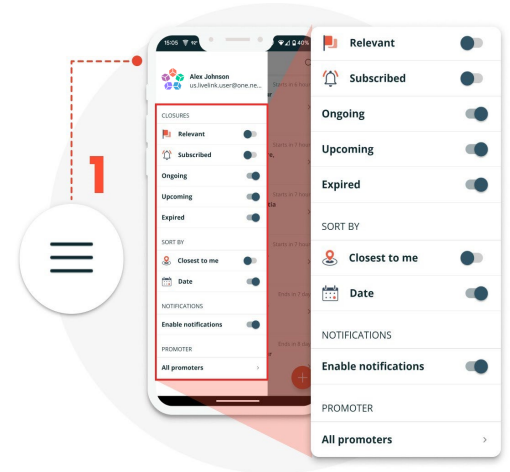
All promoters

Quick Guide: Live Link App

Search and Menu Panel: Filters

Step One:

- On the Live Link app dashboard, tap the **3 lines** in the upper left corner to bring up the **Menu Panel**.
- The **following filters** can be toggled on or off as desired:
 - **Relevant**
 - **Subscribed**
 - **Ongoing**
 - **Upcoming**
 - **Expired**
 - **Promoter**



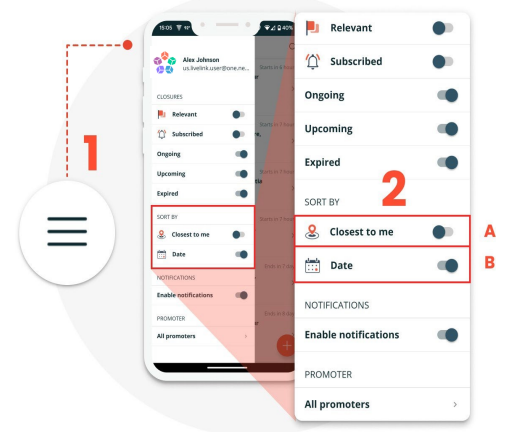
Search and Menu Panel: Sorting

Step One:

- On the Live Link app dashboard, tap the **3 lines** in the upper left corner to bring up the **Menu Panel**.

Step Two:

- The closure list can be sorted the following ways. Only one sorting option can be used at a time.
 - **Closest to me:** Sorts the closure list based on distance to the location, with the closest closures at the top of the list
 - **Date:** Sorts the closure list based on when a road/lane needs to be closed or opened, with the closures scheduled to close/open at the top of the list.



Quick Guide: Live Link App

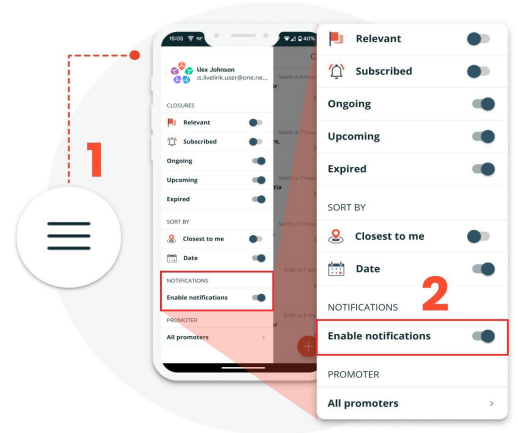
Search and Menu Panel: Notifications

Step One:

- Tap the **3 lines** in the upper left corner for the **Menu Panel**.

Step Two:

- There is also an option for **enabling notifications**. The Live Link mobile app will provide the following notifications **for all closures** subscribed to:
 - The closure is scheduled to start in 30 mins.
 - The closure has been started.
 - The closure is scheduled to end in 30 mins.
 - The closures has ended.



Keeping notifications enabled is strongly recommended, as they help ensure closures are managed in a timely manner and maintain the trustworthiness of the information provided to data consumers.

Managing a Closure

Users can subscribe to notifications for that closure and update the closure information.

Step One:

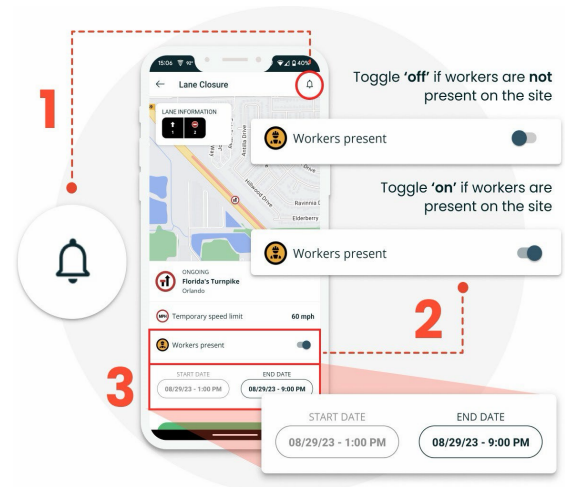
- Tap the **bell icon** to either subscribe or unsubscribe to closure notifications.
- **Note:** Users will **automatically be subscribed** to any closures activated and created, which is strongly recommended.

Step Two:

- For an active closure, **toggle Workers present** on or off. If workers are present on the site, switch on. If workers are not present, then switched off.

Step Three:

- **Tap** the end date & time to update the end date & time. It is **important to update** this if the closure will be extended past the scheduled end date and time.



Quick Guide: Live Link App

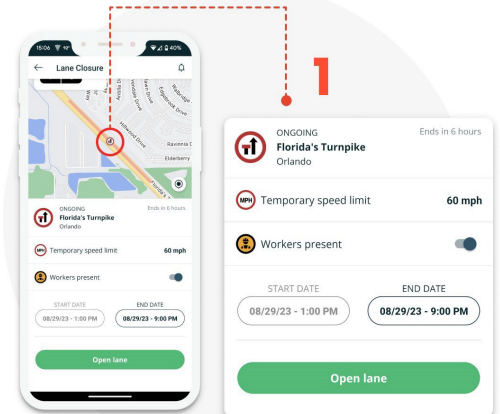
Reopening a Lane/Road

Just like letting people know that a lane or road is closed, letting them know that the lane is reopened is important to maintaining the trust of the data being provided.

To reopen a lane/road, **it requires to be within 200 yards of any part of the closure** to be reopened (unless geofencing restrictions have been switched off in the settings by the community admin).

Step One:

- Tap the closure to reopen.
- **Note:** Tip: You can filter, sort, and search the list of closures. Please see the **Search & Menu Panel** section for more information.

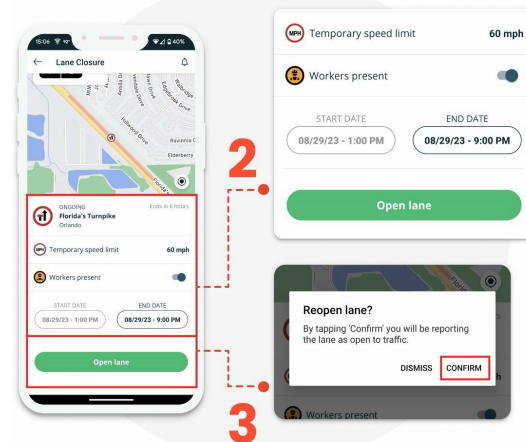


Step Two:

- **Verify** the closure location, start date & time, end date & time, and any other closure information.

Step Three:

- Tap **Open Lane/Road**. A message will appear asking you to confirm that you want to open the lane/road.
- Tap **Confirm**.



The reopening of the closure has now been sent to all of Causeway one.network's data partners and is being used by their applications.

Note: Reopened closures cannot be reclosed. If a closure is reopened by mistake or will need to be closed again, a new lane/road closure will need to be created.

Quick Guide: Live Link App

Troubleshooting Device Issues

The Live Link mobile app is designed a variety of smartphones and tablets. However, should any issues arise, users should follow the steps below, as these resolve most encountered problems. If the device is issued by an employer, these steps should be completed in coordination with the organization's IT team. If users are unsure how to perform any of the steps, they should refer to the device manufacturer's documentation for specific instructions.

1		Update the Live Link app Ensure the Live Link app is up to date.
2		Update your device OS Ensure the device operating system (OS) is up to date.
3		Turn on essential connections Ensure the device's cellular service, Wi-Fi, and Bluetooth services are turned on.
4		Enable Location Services Ensure Location Services is turned on, including any high-accuracy settings (such as Wi-Fi scanning or Bluetooth scanning).
5		Allow precise location Ensure Live Link has permission to use the device's precise location.
6		Disable battery saving modes Ensure any battery saving modes are turned off.
7		Maintain a clear view of the sky Make sure the device has a clear view of the sky in multiple directions. Radio signals (such as those from GPS satellites) can be easily blocked by buildings, trees, overpasses, vehicle roofs, etc.