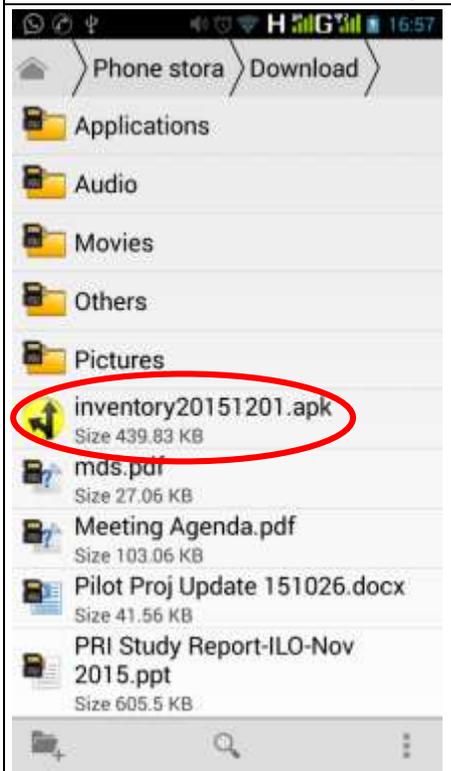
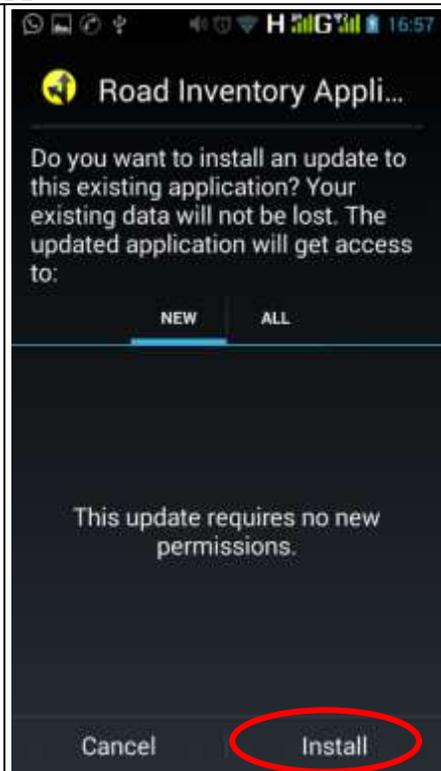
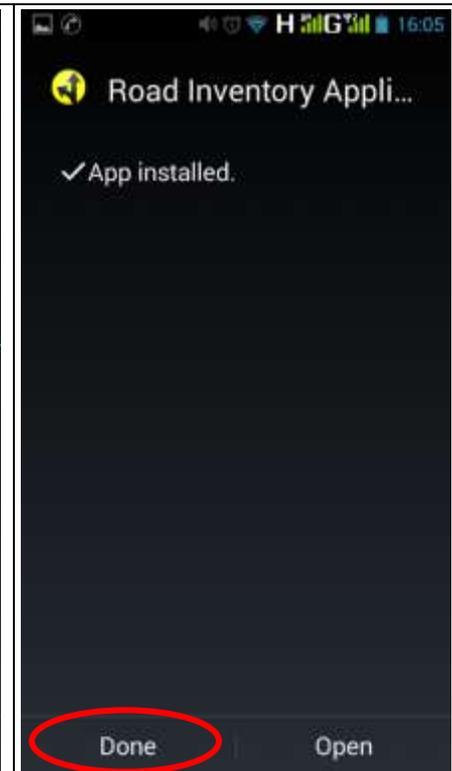
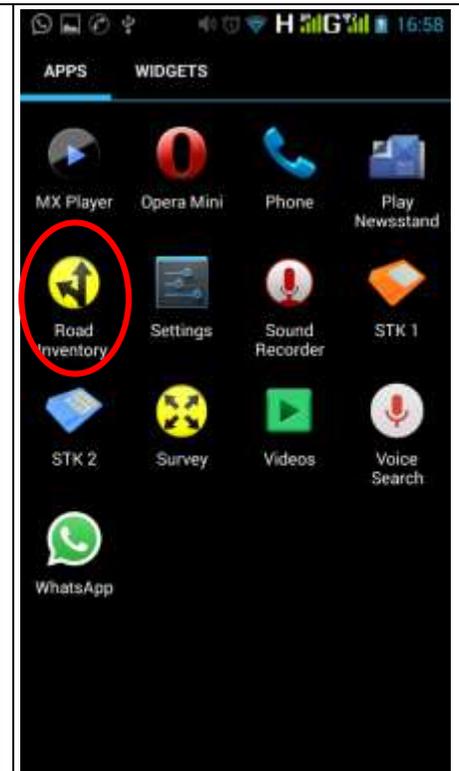




INSTRUCTIONS FOR MOBILE BASED APPLICATION FOR ROAD INVENTORY SURVEY



Installation of Road Inventory Application

			
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Download or copy software on to the mobile. Press the icon “inventory20151201.apk”

Press “Install”. Sometimes mobile settings do not permit installation of software from unknown sources. Change permissions on your mobile in such cases to allow installation of app.

After the installation, the icon is added in the apps

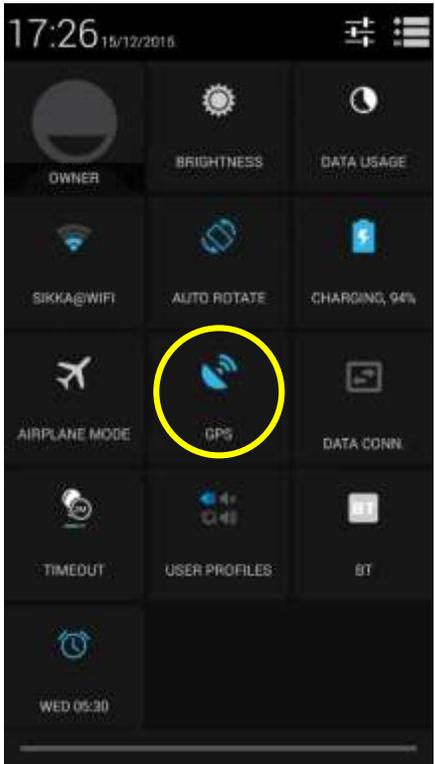
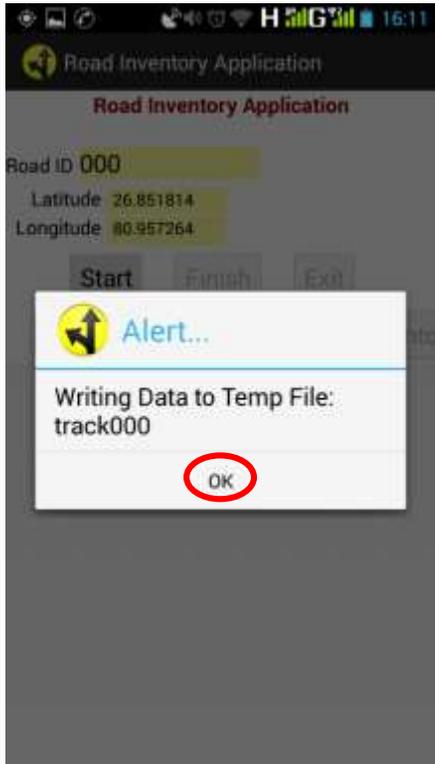
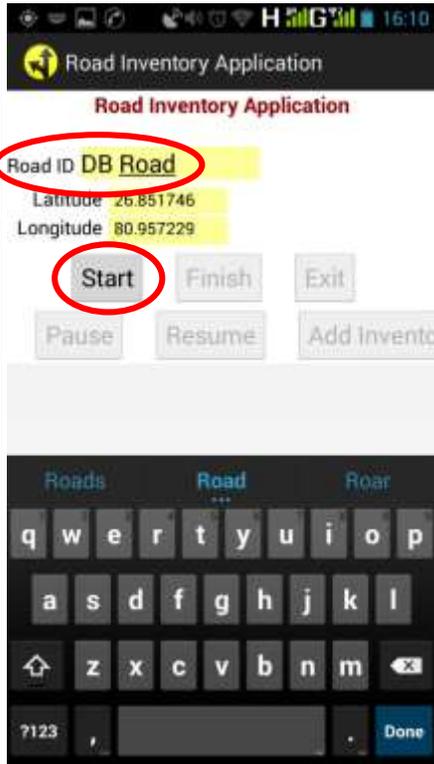
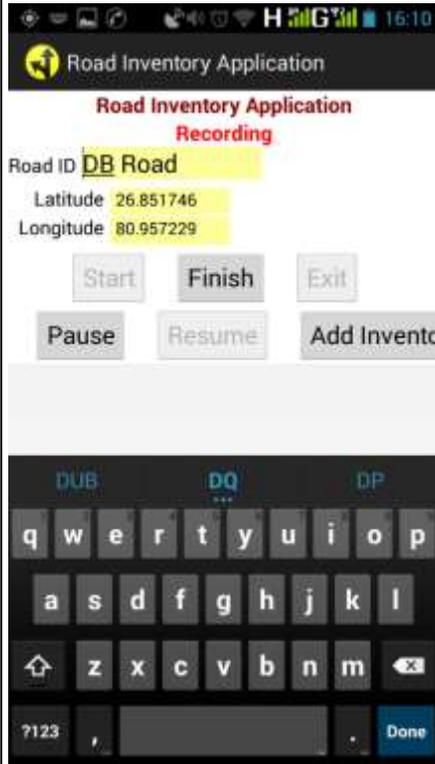




INSTRUCTIONS FOR MOBILE BASED APPLICATION FOR ROAD INVENTORY SURVEY



Starting the Survey

			
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Turn on GPS in the mobile. Wait for about five minutes so that GPS will stabilize. **Turn off “Auto-rotate”** of the mobile

Fix mobile on vehicle. Position mobile at start point and start application. Press OK on pop up notification.

Enter name of the road as Road ID Try to keep the name short. **Press “Start”** and **start moving slowly** on the road, keeping the mobile near to the centerline of the road as far as possible.





INSTRUCTIONS FOR MOBILE BASED APPLICATION FOR ROAD INVENTORY SURVEY



Pause / Resume and Entering Inventory

The first screenshot shows the application in a 'Not Recording' state. The road ID is 'DB Road' and the location is 'Latitude 26.851746, Longitude 80.957229'. The 'Pause' and 'Resume' buttons are circled in red, and the 'Add Inventory' button is circled in blue. A keyboard is visible at the bottom.

The second screenshot shows the application in a 'Recording' state. A pop-up dialog box titled 'Enter Data' is displayed with a text input field containing 'HPC1m' and 'OK' and 'Cancel' buttons.

The third screenshot shows the application in a 'Recording' state. A pop-up dialog box titled 'Enter Data' is displayed with a text input field containing 'HPC1m' and 'OK' and 'Cancel' buttons.

The fourth screenshot shows the application in a 'Not Recording' state. A pop-up notification titled 'Alert...' is displayed, stating 'Inventory Data saved to: /storage/sdcard0/inventory/DBRoadinv.txt' and 'OK'.

Use **Pause** and **Resume** buttons during any interruptions.

When the mobile instrument is exactly at the start of the inventory item, **bring the vehicle to complete halt** and press “**Add Inventory**” button. A pop up text box will appear. **Enter the inventory data** and **press OK**. Location of inventory data storage is shown in pop up notification. **Press OK**. Inventory and location are stored. Start the vehicle again.

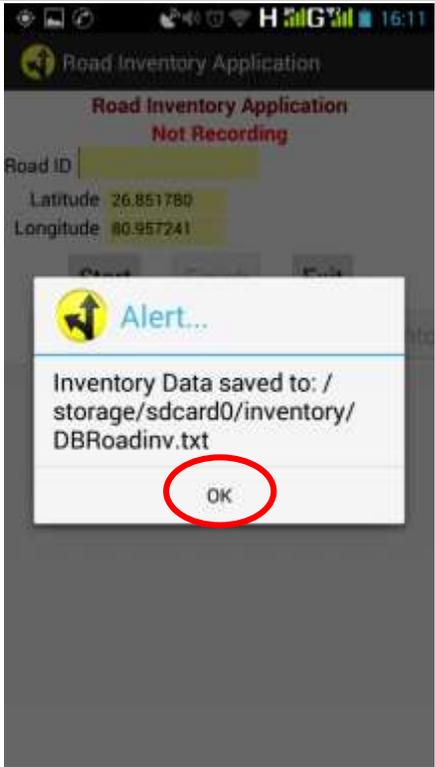
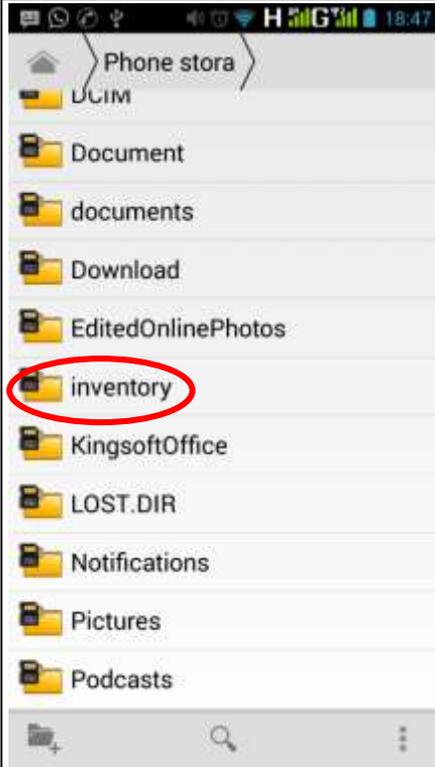
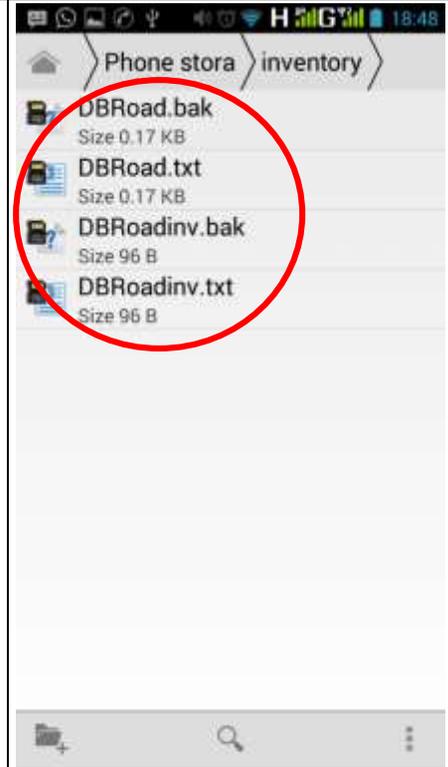




INSTRUCTIONS FOR MOBILE BASED APPLICATION FOR ROAD INVENTORY SURVEY



Completion of Survey and Finding Data

			
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Once position of mobile reaches finish point, **press “Finish”**. Location of the data storage is given in a pop-up dialogue box. **Press OK** and **close the application**.

To see the data, **open phone storage** and find **“Inventory”** folder. On opening the folder, one finds the text files of road alignment (DBRoad.txt) and road inventory (DBRoadinv.txt) along with their backup files (DBRoad.bak, DBRoadinv.bak).

Copy both .txt files on to a computer, **zip them and forward to UPRRDA IT Cell**.

