|  |  |  |  |
| --- | --- | --- | --- |
| MISSION |  | REGION |  |
| DATE |  | COMPILED BY |  |
| EMAIL |  | PHONE |  |

# Logistics Assessment

Roads

| **Final Checklist for Road Assessment Activities** | | **Done** | **Comments** |
| --- | --- | --- | --- |
| 1 | List and map roads of potential use to and within the emergency zone |  |  |
| 2 | Issue/update distance and time matrix for various types of vehicles you will use from the main port of entry and logistics hubs to disaster/operation area |  |  |
| 3 | List secondary road options in case of closure of main/usual roads |  |  |
| 4 | If applicable – consult with the Ministry of Roads/ Transport/ Infrastructure/ Urban Development to initiate repairs to damaged roads |  |  |

| **Road Assessment** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **From/to (names)** | | **From** | | | | | | | | | | **To** | | | | | | |
| Location Name: |  | | | | | | | | | Location Name: | | |  | | | |
| **GPS Coordinates (DDD.dddddd):** |  | | | | | | | | | **GPS Coordinates (DDD.dddddd):** | | |  | | | |
| **Total Distance (kms)** | | **Is the route passable?** | | **Normal travel time (hrs/days)** | | | **Current travel time (hrs/days)** | | | | | | **Is there an alternate route? (Please complete a separate road assessment for alternate routes)** | | | | | |
|  | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |  | | |  | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | If yes, describe: | |  |
| Are there any security concerns? | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | If yes, describe: | | | | |  | | | | | | | |
| What type of vehicles can travel this route? | | | |  |  |  | | --- | --- | --- | | Truck + Trailer (>20 T) | Heavy Truck (<20 T) | Light Truck (<10 T) | | 4WD (<3.5 T) | Motorbike | Non-motorized traffic | | | | | | | | | | | | | | | | |
| What is the type of the road? | | | |  |  |  | | --- | --- | --- | | Paved | Unpaved | Compacted - smooth | | Compacted - Rough | Uncompacted – dry | Uncompacted - Mud | | Snow / Ice |  |  | | | | | | | | | | | | | | | | |
| Are their axle load limits on this route? | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | If yes, describe: | | | | |  | | | | | | | |
| Are there any other dimensions limitations? | | | Weight | | If yes, describe: | | | | |  | | | | | | | | |
| Width | | If yes, describe: | | | | |  | | | | | | | | |
| Length | | If yes, describe: | | | | |  | | | | | | | | |
| Height | | If yes, describe: | | | | |  | | | | | | | | |
| What particular constraints are there on the route? | | | |  |  |  |  | | --- | --- | --- | --- | | Checkpoints | Bridges and tunnels | Ferry capacities | Seasonal/weather factors | | Roadblocks | Landmines | Restricted depths (rivers) | Floods, landslides, snow | | Steep hills | Tide schedule | Necessary transhipments |  | | | | | | | | | | | | | | | | |
| Other (please indicate): | | | | | |  | | | | | | | | | |
| How heavy is traffic? | | | Hardly any | | | | | Less than usual | | | | | | Normal | | | More than usual | |
| Describe reason for change in traffic: | | | Disaster related | | | | | Weather | | | | | | Logistics issue | | | Political | |
| Other (please indicate): | | | | | |  | | | | | | | | | |
| **Bottlenecks** | | | | | | | | | | | | | | | | | | |
| **1** | **Location (between x and y/distance from town)** | | | | |  | | | | | | | | | | | | |
| Nature of bottleneck (damage to bridge, road, high pass) | | | | | |  | | | | | | | | | | | | |
| What possibilities are there for re-opening and/or increasing movement capacities? | | | | | |  | | | | | | | | | | | | |
| What materials, equipment, expertise would be required? | | | | | |  | | | | | | | | | | | | |
| **2** | **Location (between x and y/distance from town)** | | | | |  | | | | | | | | | | | | |
| Nature of bottleneck (damage to bridge, road, high pass) | | | | | |  | | | | | | | | | | | | |
| What possibilities are there for re-opening and/or increasing movement capacities? | | | | | |  | | | | | | | | | | | | |
| What materials, equipment, expertise would be required? | | | | | |  | | | | | | | | | | | | |
| **3** | **Location (between x and y/distance from town)** | | | | |  | | | | | | | | | | | | |
| Nature of bottleneck (damage to bridge, road, high pass) | | | | | |  | | | | | | | | | | | | |
| What possibilities are there for re-opening and/or increasing movement capacities? | | | | | |  | | | | | | | | | | | | |
| What materials, equipment, expertise would be required? | | | | | |  | | | | | | | | | | | | |
| **Any additional information on route?** | | | | | |  | | | | | | | | | | | | |

### Where can you find information on roads?

In the LCA, chapter “Road Assessment”: road and inventory, distance matrix, weighbridges, axle load limits

Ministry of transport

In the LOG: http://log.logcluster.org/response/transport/index.html#road-transport

Google Maps

Logistics Cluster website: Road Transport and Corridor maps, Concept of Operation (CONOPS)

WFP GeoPortal maps

Other UN agency websites: UNOCHA, UNDAC, WFP, UNHCR, UNICEF, ReliefWeb.

Other humanitarian organisations

Main users of road network (private or government companies, truck transporters) will provide you information about: access, condition, time between locations, weighbridges, axe load limits, security.

Donors involved in road rehabilitation projects (World Bank, bilateral cooperation…)

Taxi, bus and truck drivers

Police and militaries (if not involved in a conflict)

Communities

### Useful tips:

Maintain close contact with various sources of information for regular updates (Logistics Cluster meetings)

If you have doubts regarding road condition status, send a team for a short assessment and check security constrains.

Be aware that in some countries there are informal arrangements for controlling and managing the local markets and transport businesses. This could be by region, districts, villages, or small towns where certain groups (ethnic, tribal, clans, etc.) control some businesses.