



### Mangochi

**Nature of damage:**  
Several armco pipes have been vandalised in at least 5 sections after Chantulo trading centre, 25km from Ntaka taka T/off. Road has been completely closed.

**Action taken:**  
Mota-engil was mobilised through the RA Lilongwe office to install new reinforced concrete ring culverts

**Cost:**  
300,000,000.00

**Cost:**  
M10

### Machinga

**Nature of damage:**  
One pile on Nkhonde bridge, 14km from Mangochi T/Off at Liwonde has been dislodge at foundation cap. As well as gabion protection works on both have collapsed.

**Action taken:**  
G&C (emergency contractor) is re-installing the gabion protect works. Need to properly asses the extent of the damage on the pier.

**Cost:**  
20,000.00

**Roads Affected:**  
M03

### Phalombe

**Nature of damage:**  
Approaches to Armco pipe at Mpsa, 7km from Phalombe Boma have been washed away. Several section have been cut off and the road is still under water for a stretch of 500 metres. Road section has been cut-off. 60 metre, single lane reinforced concrete deck bridge has been washed away.

**Action taken:**  
Road closed at that section. Traffic to Phalombe passing through Migowi., Tafika construction to work on the affected sections once the water levels have gone down. Works will include culvert installation and drift construction and spot gravelling. Proper assessment to be done after water levels have gone down.

**Cost:**  
165,000,000.00

**Roads Affected:**  
S144, S147, T413, S147, D362, UD

### Mulanje

**Nature of damage:**  
Both approaches on the down stream side of Muloza bridge have been partially washed away. Both approaches on Thuchila bridge have been partially washed away, including debris clogging the trusses of the bridge and damage to the handrails. Western approach on Thanguzi bridge cut-off leaving a gap of 10 metres., 1 deck and abutment on Thuchila bridge has collapsed. Approaches' on both sides washed away.

**Action taken:**  
Road closed at that section. Traffic to Phalombe passing through Migowi. Tafika construction to work on the affected sections once the water levels have gone down. Works will include culvert installation and drift construction and spot gravelling.,Proper assessment to be done after water levels have gone down.

**Cost:**  
80,000,000.00

**Roads Affected:**  
M02, M04, S149, T419

### Zomba

**Nature of damage:**  
Abutment Likangala bridge has been damaged, Namitembo bridge completely washed away and Armco culvert washed away at Havala village near Sunuzi trading Centre, leaving a gap of 25 metres.

**Action taken:**  
Traffic allowed for small vehicles only., Road closed to traffic. Need detailed engineering assessment., Road closed to traffic. Mota-engil engaged to re-install a new culvert..

**Cost:**  
140,000,000.00

**Roads Affected:**  
S132, UD, S144, S147

### Mwanza

**Nature of damage:**  
2 Road sections have been cut-off that had 600mm culvert rings

**Action taken:**  
Cas Civil Engineering is installing new culvert rings.

**Cost:**  
15,000,000.00

**Roads Affected:**  
S139

### Blantyre

**Nature of damage:**  
2 Road sections.5km and 1 km from junction with M03 Road in Limbe are almost washed away due to collapse of embankment

**Action taken:**  
Mota-engil has been engaged to replace the existing damaged ARMCO pipes with new reinforced concrete ring culverts and rebuild the embankment.

**Cost:**  
130,000,000.00

**Roads Affected:**  
UD

### Chikwawa

**Nature of damage:**  
Several Road sections have been cut-off, including large boulders which have entirely blocked the Road. Fatima Health centre can only be accessed through the Thyolo-Thekerani- Bangula Road.

**Action taken:**  
Mota-Engil has been engaged to remove the boulders first, and a proper assessment be carried out.

**Cost:**  
130,000,000.00

**Roads Affected:**  
S152

### Nasanje

**Nature of damage:**  
Ntaya moyo bailey bridge on Shire River washed away

**Action taken:**  
Road closed. Awaiting water levels to go down before proper assessment can be done..

**Cost:**  
1,500,000,000.00

**Roads Affected:**  
S151

### Thyolo

**Nature of damage:**  
1 deck and abutment on Nkhate bridge has collapsed

**Action taken:**  
Contractor needs to be identified to reconstruct the abutment and single deck

**Cost:**  
30,000,000.00

**Roads Affected:**  
T418

**Malawi: Flood Event Damage Assessment (as of 10 Feb 2015)**

The map shows damage assessment as of 10th February with associated costs for repair (In Malawi Kwacha).

The information is liable to change as the situation changes.

**Data sources**  
Situational: UNDAC  
Boundaries: MASDAP  
Physical features: Gaul

0 25 50 75 100 kilometres

Created 12 Feb 2015 / 12:00 UTC + 2  
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 Projection / Datum WGS 1984 UTM\_ZONE 36S  
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