

## Details of damages occurred to Bridges/Culverts due to Flood 2010

Sr. No	Region	Road ID	Location	Structure	Damages Occurred	Proposed Remedial Measures
1	Northern Areas	N-35	10+000	Shahia Bridge	Apron Slab damaged + scouring	Protection work required
2	Northern Areas	N-35	55+500	Ayub Bridge	Scouring	Protection Works
3	Northern Areas	N-35	210+000	Besham Bridge	Washed out	Reconstruction
4	Northern Areas	N-35	231+050	Shograh Bridge	Washed out	Reconstruction
5	Northern Areas	N-35	237+000	Dubair Bridge	Washed out	Reconstruction
6	Northern Areas	N-35	257+000	Kail Bridge	Washed out	Reconstruction
7	Northern Areas	N-15	35+000	Hassa Bridge	Washed	Reconstruction
8	Northern Areas	N-15	138+000	Battakundi Bridge	30 m bridge washed	Reconstruction
9	Northern Areas	N-15	151+000	Barhwai - I Bridge	25 m bridge washed	Reconstruction
10	Northern Areas	N-15	151+300	Barhwai - II Bridge	22 m bridge washed	Reconstruction
11	Northern Areas	N-15	220+000	Singum Bridge	10 m bridge washed	Reconstruction

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12	Khyber Pukhtunkhwa	N-45	71+000	Bridge	Scouring near abutment of existing bridge	Protection work
13	Khyber Pukhtunkhwa	N-45	88+100	Bridge	2 spans completely washed out	Reconstruction
14	Khyber Pukhtunkhwa	N-50	420+350	Bridge # 7 (Damanda)	Approaches damaged	Repair/Protection Work
15	Khyber Pukhtunkhwa	N-50	426+000	Bridge # 5	Approaches damaged	Repair/Protection Work
16	Khyber Pukhtunkhwa	N-80	109+000	Bridge	Wing wall at outlet damaged + outlet bed damaged	RCC Wing wall (20 x 5) + Gabion for bed (5 x 4)
17	Khyber Pukhtunkhwa	N-80	137+500	Bridge	Wing wall (both side) damaged	SM Wing wall required (4 x 5 x 5)
18	Khyber Pukhtunkhwa	N-90	3+600	Bridge (Khwarzakhe la)	10 m damaged/collapsed	reconstruction
19	Khyber Pukhtunkhwa	N-95	36+000	Bridge (Mingora)	60 m damaged/collapsed	reconstruction
20	Khyber Pukhtunkhwa	N-95	94+000	Bridge (Madyan)	58 m damaged/collapsed	reconstruction
21	Khyber Pukhtunkhwa	N-95	105+000	Bridge (Bahrain)	50 m damaged/collapsed	reconstruction
22	Khyber Pukhtunkhwa	N-95	125+000	Bridge (Asrait)	55 m damaged/collapsed	reconstruction

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23	Punjab North	N-75	11+900	Culvert	Culvert Slab Damaged	PCC Slab (2 x 2)
24	Punjab North	N-75	14+100	Bridge	abutment + slab at inlet damaged	Reconstruction (5 x 4)
25	Punjab North	N-75	19+300	Bridge	Edge beam (both side) not available	Edge Beam required (15 + 15)
26	Punjab South	N-55	760+000	Bridge	Wing Wall damaged	Reconstruction
27	Punjab South	N-55	780+000	Causeway	Causeway damaged	Reconstruction
28	Punjab South	N-55	782+000	Causeway	Causeway damaged	Reconstruction
29	Punjab South	N-55	842+000	Causeway	Causeway damaged	Reconstruction
30	Punjab South	N-55	853+000	Vehova Bridge	Approaches washed out	Repair/Protection work
31	Punjab South	N-55	857+000	Causeway	Causeway damaged	Reconstruction
32	Punjab South	N-55	861+000	Causeway	Causeway damaged	Reconstruction
33	Punjab South	N-70	60+900	Bridge	(20 m) damaged / collapsed	Reconstruction

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34	Balochistan	N-25	153+000	Culvert	Collapsed	Reconstruction
35	Balochistan	N-25	157+000	Culvert	Collapsed	Reconstruction
36	Sindh	N-55	140+000	Lalbagh Bridge (Sehwan)	Approaches Settled & abutment scoured	Repair/Protection work