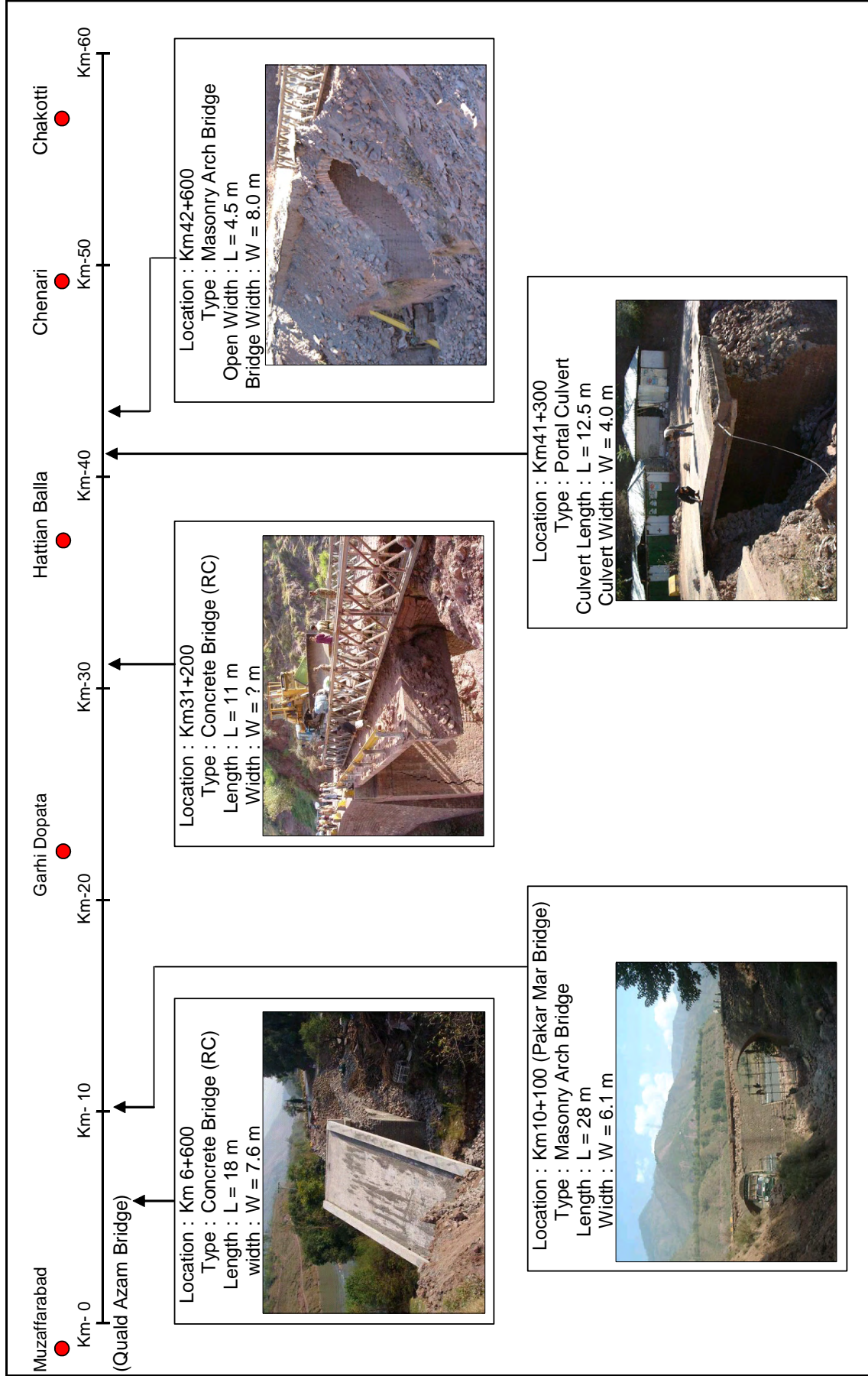
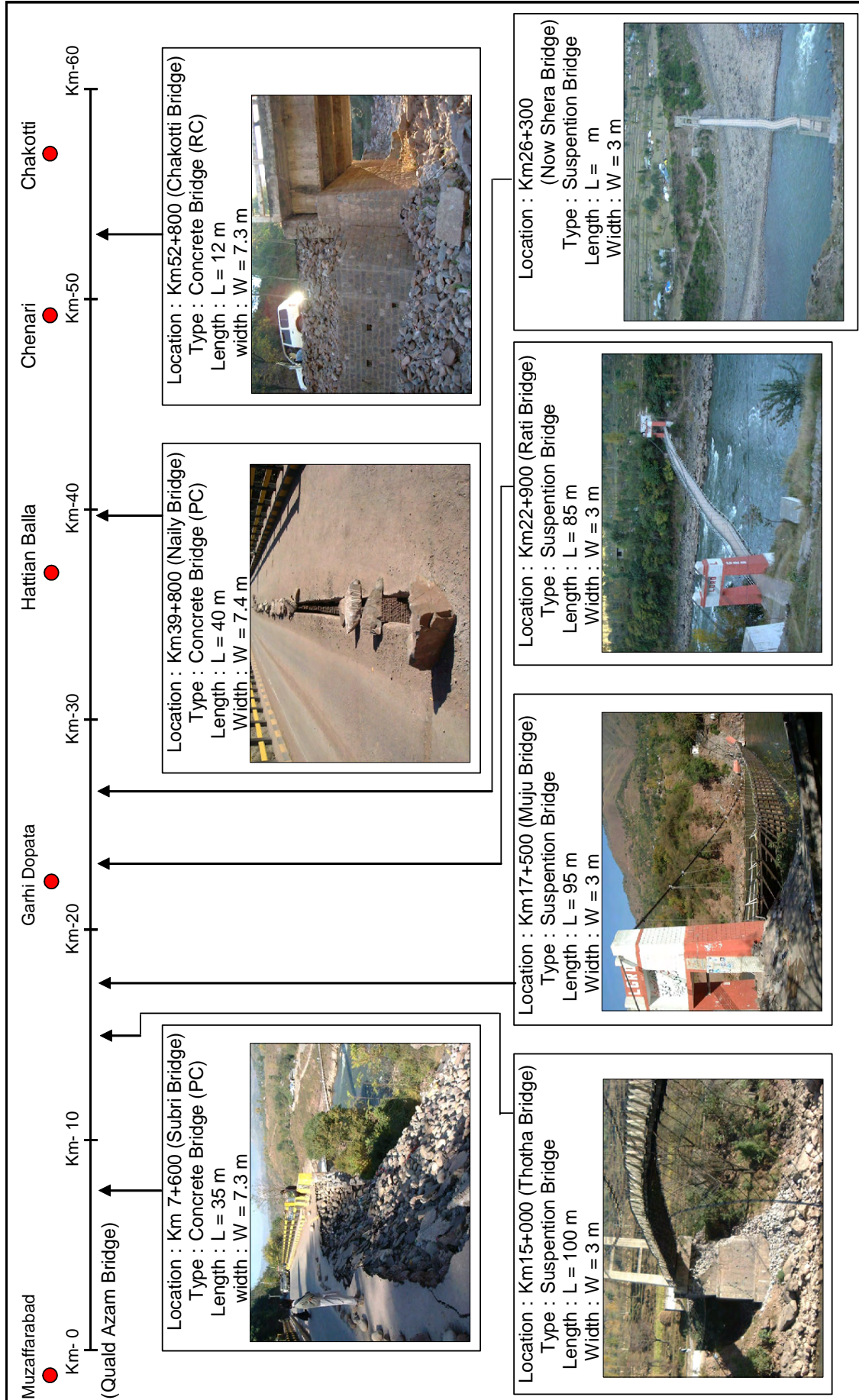


Location of Seriously Damaged Bridges and Culvert on Jhelum Valley Road in AJK, Pakistan



Location of Other Damaged Bridges on Jhelum Valley Road in AJK, Pakistan






Road Damage Inventory for Jhelum Valley Road (Muzaffarabad - Chakotti)

Km		Length (m)	Damage Description	Photo No.
from	to			
0 + 300	0 + 380	80	- Collapse of mountain side slope (slope height : about 40 m) - Road height form river-bed : about 7 m	1
5 + 250	5 + 380	130	- Mountain side slope collapse - Road shoulder falling dawn to valley side	2
6 + 150	6 + 300	150	- Road body of river side falling dawn - Road height form riverbed : about 14 m	3
6 + 400	6 + 560	160	- Road shoulder falling dawn to river side	4
7 + 700	7 + 720	20	- Road shoulder falling dawn to river side	
8 + 100	8 + 800	700	- Collapse of mountain side slope (slope height : about 20 to 30 m) - Road shoulder falling dawn to river side	5
9 + 900	10 + 100	200	- Collapse of mountain side slope (slope height : about 15 to 20 m)	6
10 + 300	10 + 400	100	- Collapse of mountain side slope (slope height : about 40 m) (Road height form river-bed : about 7 m)	7
11 + 100	11 + 650	550	- Falling rock boulder - Road shoulder falling dawn to river side - Masonry revetment collapse	8
11 + 800	11 + 850	50	- Road shoulder falling dawn to river side	
12 + 250	12 + 700	450	- Collapse of mountain side slope (slope height : about 10 to 30 m) - Road shoulder falling dawn to river side	9
12 + 900	12 + 920	20	- Road shoulder falling dawn to river side	
14 + 000	14 + 100	100	- Falling rock boulder - Developing cracs on road surface	10
14 + 700	14 + 900	200	- Road shoulder falling dawn to river side (Road height form river-bed : about 20 m)	11
16 + 100	16 + 150	50	- Road shoulder falling dawn to river side	
16 + 200	16 + 250	50	- Road shoulder falling dawn to river side	
16 + 500	16 + 550	50	- Road shoulder falling dawn to river side	
16 + 800	16 + 850	50	- Road shoulder falling dawn to river side	
17 + 800	18 + 200	400	- Falling rock boulder - Road shoulder falling dawn to river side	12
18 + 500	18 + 850	350	- Road shoulder cracking and falling dawn to river side (Road height form river-bed : about 11 m)	13
19 + 350	19 + 500	150	- Road shoulder falling dawn to river side (Road height form river-bed : about 15 m)	14
21 + 400	21 + 550	150	- Road shoulder falling dawn to river side (Road height form river-bed : about 10 m)	15
23 + 000	23 + 050	50	- Road shoulder falling dawn to river side	
23 + 600	23 + 650	50	- Road shoulder falling dawn to river side	
24 + 600	24 + 700	100	- Falling rock boulder	
26 + 800	26 + 850	50	- Masonry revetment culvert protection collapse	16
27 + 100	27 + 150	50	- Falling rock boulder	
27 + 200	27 + 250	50	- Road shoulder falling dawn	17
27 + 800	27 + 850	50	- Falling rock boulder	18
27 + 900	27 + 950	50	- Collapse of mountain side slope	19
29 + 100	29 + 250	150	- Collapse of mountain side slope - Road shoulder falling dawn	20
29 + 800	29 + 850	50	- Collapse of mountain side slope	
30 + 500	30 + 700	200	- Road shoulder falling dawn	21
31 + 000	31 + 200	200	- Collapse of mountain side slope	22
31 + 400	31 + 600	200	- Collapse of mountain side slope - Road shoulder falling dawn - Developing cracs on road surface	23
31 + 700	31 + 950	250	- Collapse of mountain side slope - Road shoulder falling dawn	24

32 + 200	32 + 300	100	- Road shoulder falling dawn	25
32 + 700	32 + 750	50	- Road shoulder falling dawn	
32 + 800	32 + 850	50	- Road shoulder falling dawn	
32 + 900	32 + 950	50	- Road shoulder falling dawn	
33 + 000	33 + 050	50	- Road shoulder falling dawn	
33 + 100	33 + 150	50	- Road shoulder falling dawn	26
33 + 200	33 + 225	25	- Road shoulder falling dawn	
33 + 250	33 + 275	25	- Road shoulder falling dawn	
33 + 350	33 + 400	50	- Road shoulder falling dawn	
33 + 600	33 + 650	50	- Road shoulder falling dawn	
34 + 700	34 + 750	50	- Collapse of mountain side slope	27
36 + 000	36 + 200	200	- Collapse of mountain side slope - Road shoulder falling dawn	28
36 + 350	36 + 400	50	- Collapse of mountain side slope	29
36 + 700	36 + 850	150	- Road shoulder falling dawn	30
37 + 300	37 + 450	150	- Road shoulder falling dawn	31
37 + 500	37 + 600	100	- Road shoulder falling dawn	
38 + 800	39 + 800	1,000	- Collapse of mountain side slope - Road shoulder falling dawn	32
39 + 850	40 + 200	350	- Road shoulder falling dawn	
40 + 250	40 + 600	350	- Collapse of mountain side slope - Road shoulder falling dawn	33
40 + 700	40 + 900	200	- Collapse of mountain side slope	
41 + 100	41 + 200	100	- Collapse of mountain side slope - Road shoulder falling dawn	
42 + 000	42 + 300	300	- Collapse of mountain side slope - Road shoulder falling dawn	34
42 + 400	42 + 450	50	- Developing cracs on road surface	35
43 + 500	43 + 550	50	- Road shoulder falling dawn	
43 + 800	44 + 400	600	- Collapse of mountain side slope - Road shoulder falling dawn	36
44 + 800	45 + 300	500	- Collapse of mountain side slope - Road shoulder falling dawn	37
45 + 900	46 + 400	500	- Collapse of mountain side slope - Road shoulder falling dawn	38
46 + 700	46 + 900	200	- Road shoulder falling dawn	
46 + 900	47 + 050	150	- Collapse of mountain side slope - Road shoulder falling dawn	
47 + 250	47 + 400	150	- Road surface down about 50 cm	39
47 + 450	47 + 600	150	- Road surface down about 50 cm	40
47 + 800	48 + 000	200	- Collapse of mountain side slope - Road shoulder falling dawn	41
48 + 300	48 + 500	200	- Collapse of mountain side slope - Road shoulder falling dawn	
48 + 600	48 + 800	200	- Road shoulder falling dawn	42
48 + 900	49 + 700	800	- Road shoulder falling dawn	43
49 + 900	50 + 500	600	- Collapse of mountain side slope - Road shoulder falling dawn	44
50 + 600	50 + 650	50	- Falling rock boulder - Road shoulder falling dawn	45
50 + 800	50 + 850	50	- Collapse of mountain side slope	
50 + 900	51 + 300	400	- Collapse of mountain side slope - Road shoulder falling dawn	46
51 + 300	51 + 600	300	- Road shoulder falling dawn	
52 + 000	52 + 050	50	- Road shoulder falling dawn	
52 + 400	52 + 500	100	- Road shoulder falling dawn	
54 + 200	54 + 500	300	- Collapse of mountain side slope - Road shoulder falling dawn	47
Total :		14,760		

Road Damage Photo for Jhelum Valley Road (1)

Photo No. 1 (0+300 to 0+380)	Photo No. 2 (5+250 to 5+380)	Photo No. 3 (6+150 to 6+300)
		
Photo No. 4 (6+400 to 6+560)	Photo No. 5 (8+100 to 8+800)	Photo No. 6 (9+900 to 10+100)
		
Photo No. 7 (10+300 to 10+400)	Photo No. 8 (11+100 to 11+650)	Photo No. 9 (12+250 to 12+700)
		
Photo No.10 (14+000 to 14+100)	Photo No.11 (14+700 to 14+900)	Photo No.12 (17+800 to 17+850)
		
Photo No.13 (18+500 to 18+850)	Photo No.14 (19+350 to 19+500)	Photo No.15 (21+400 to 21+550)
		