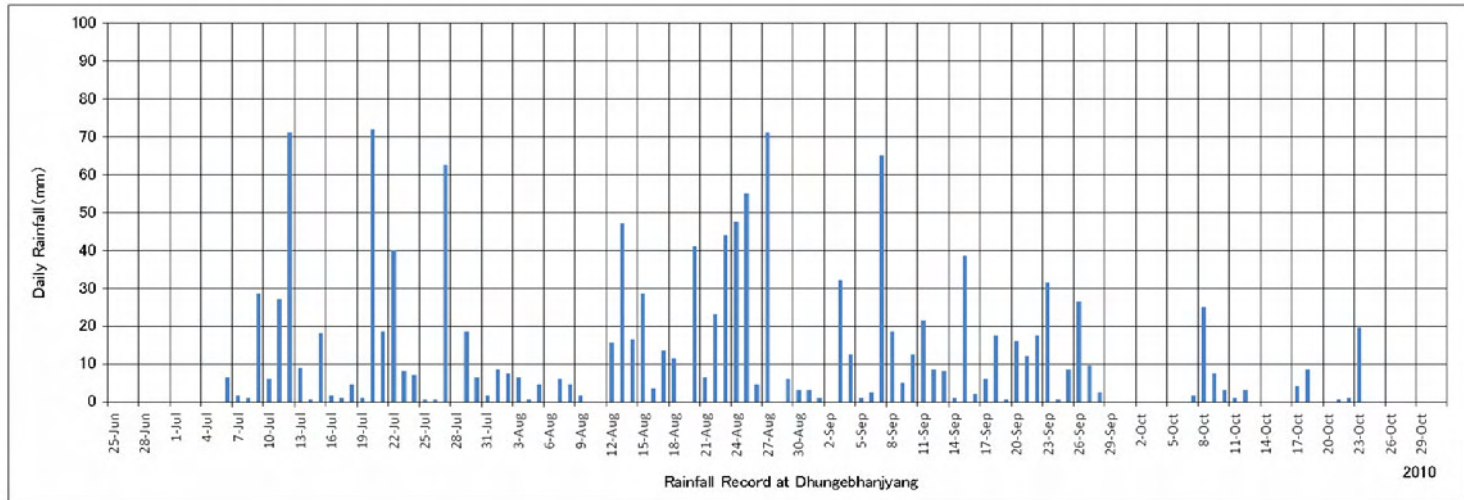
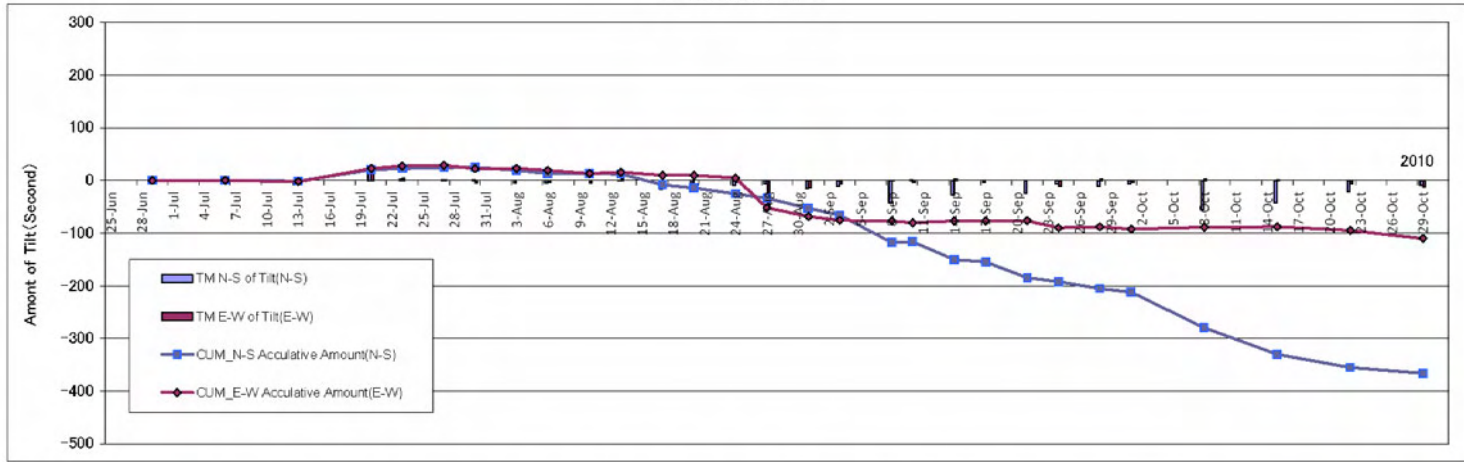
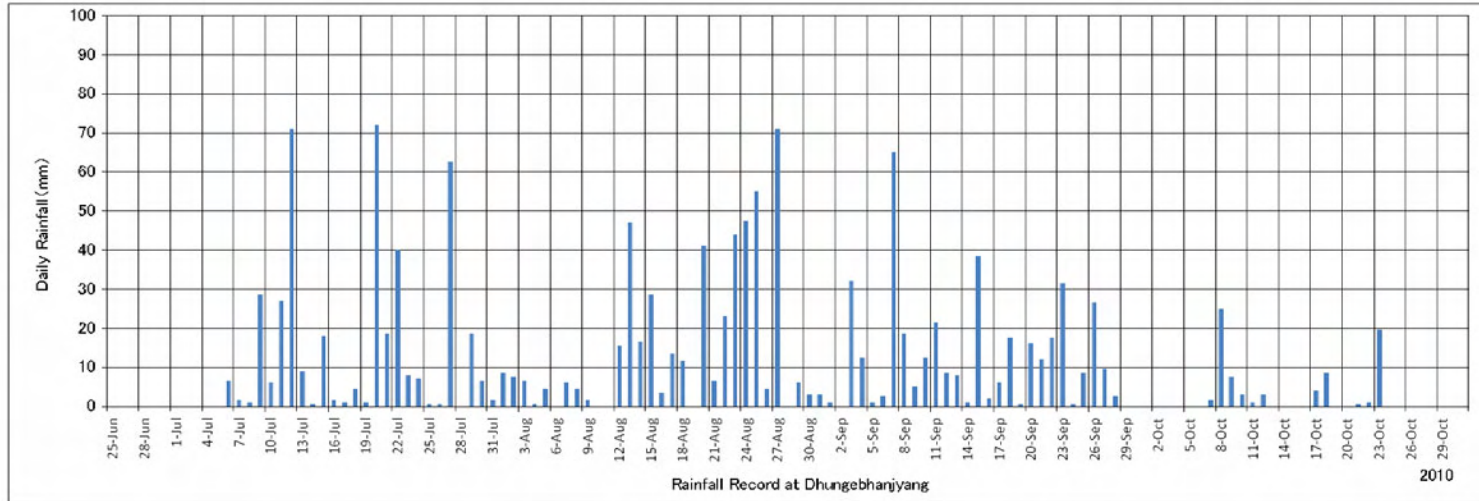
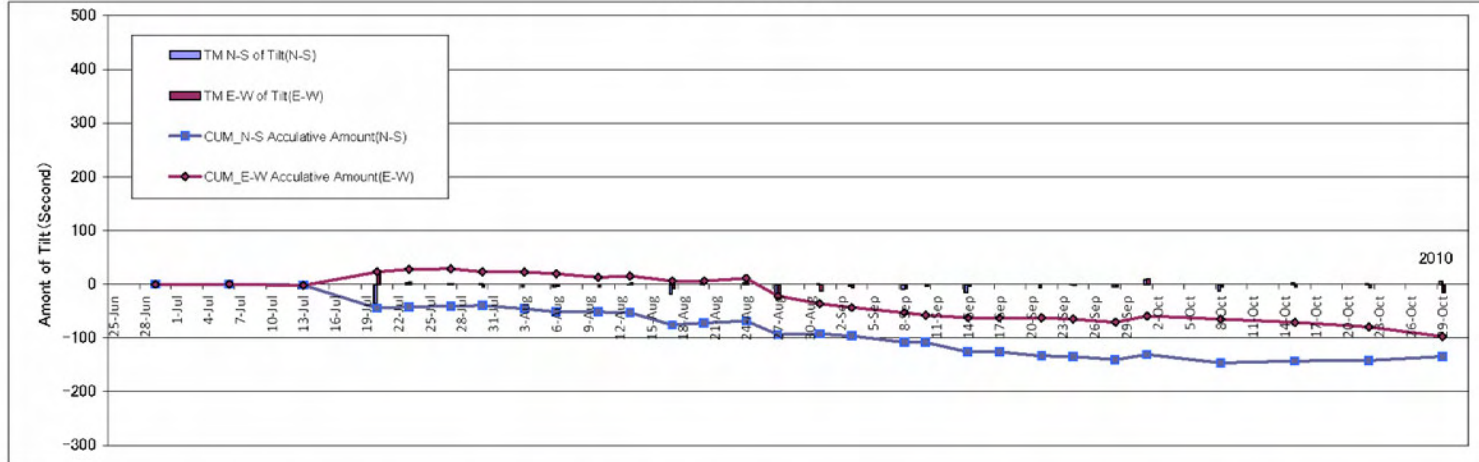


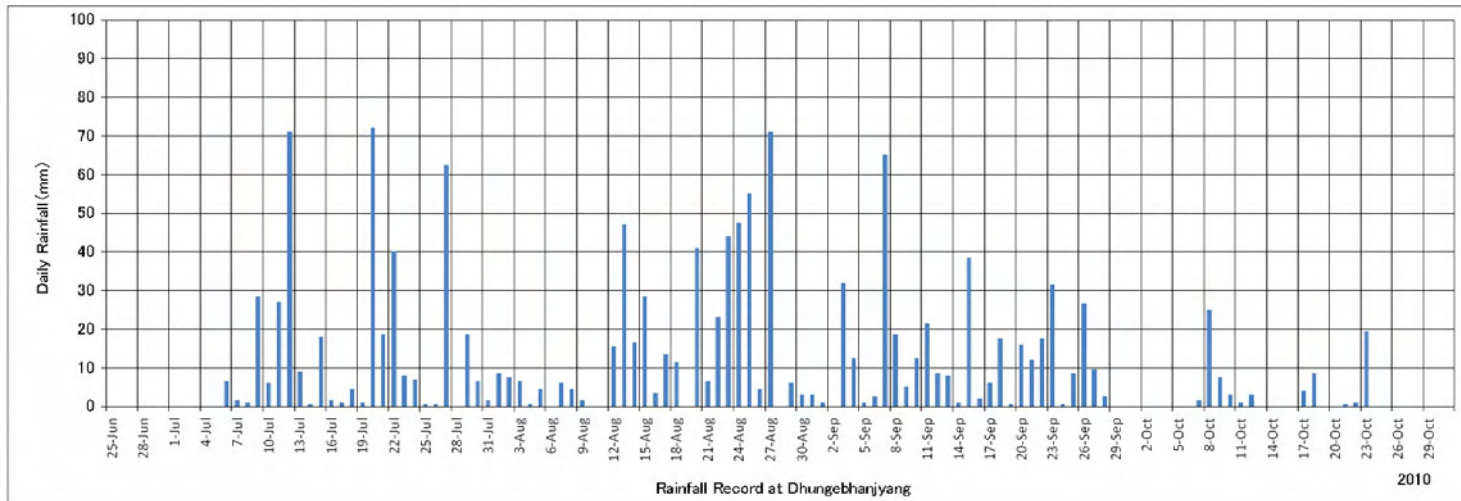
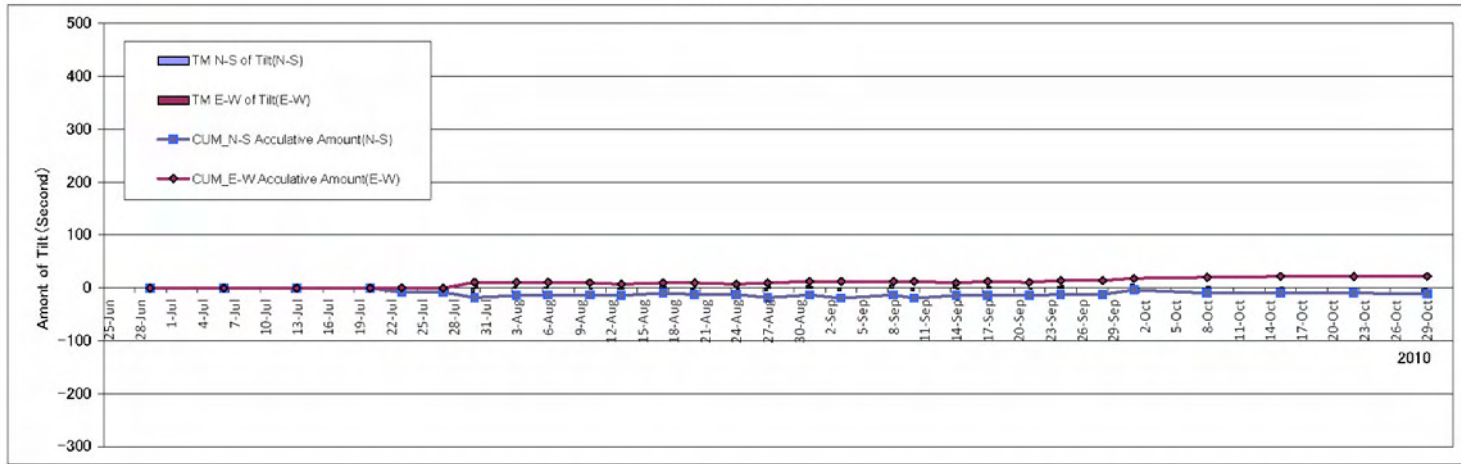
Tiltmeter AK-4



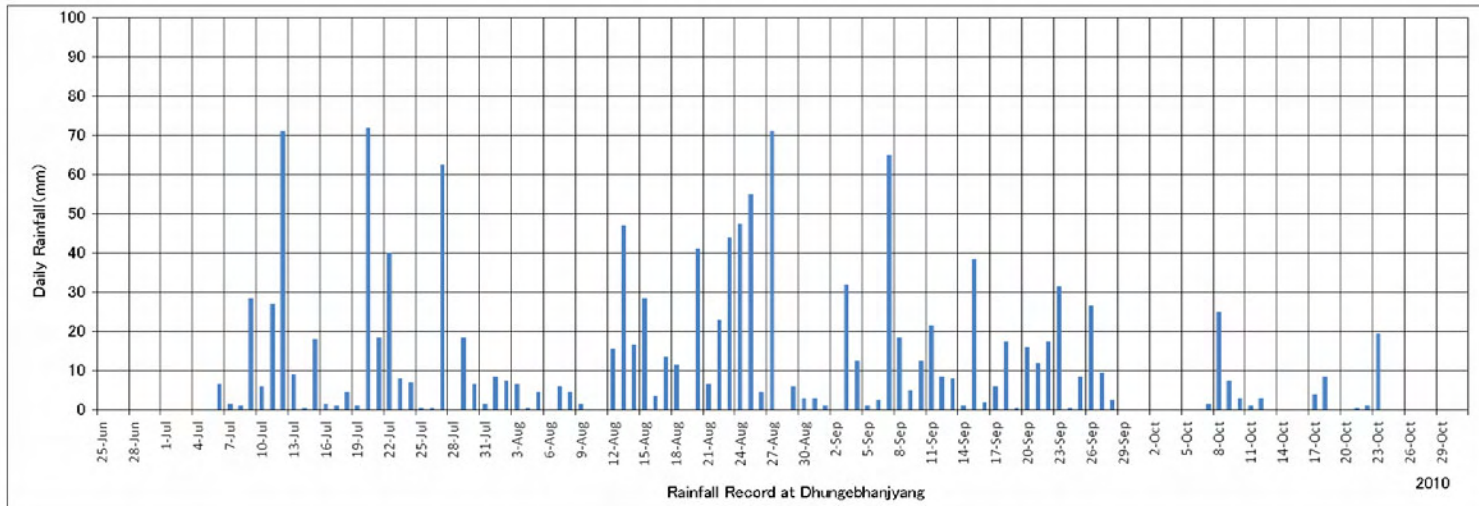
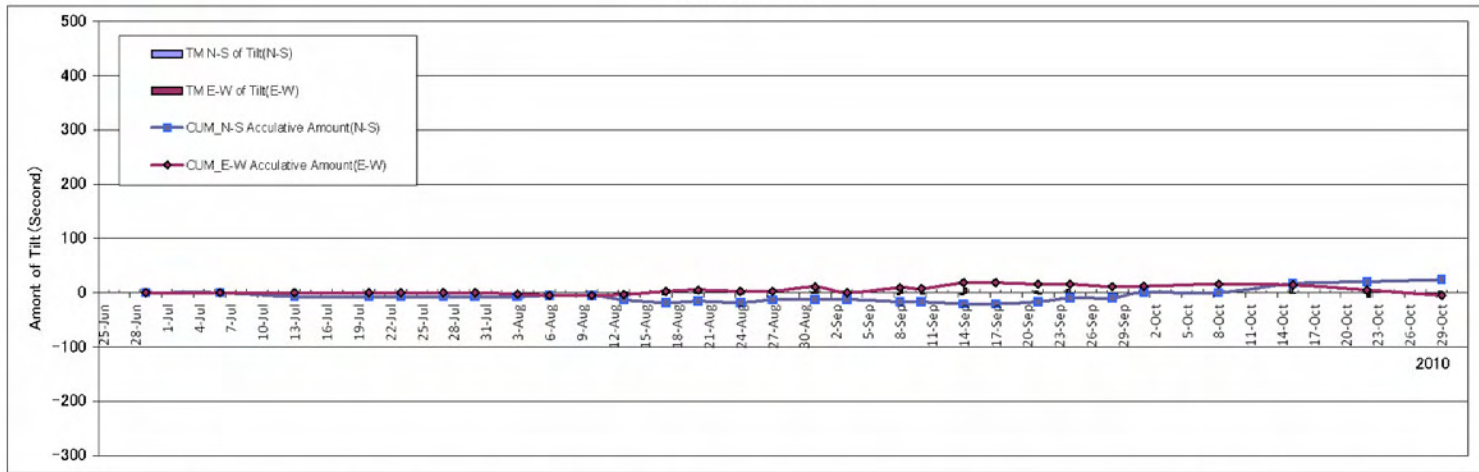
Tiltmeter AK-3

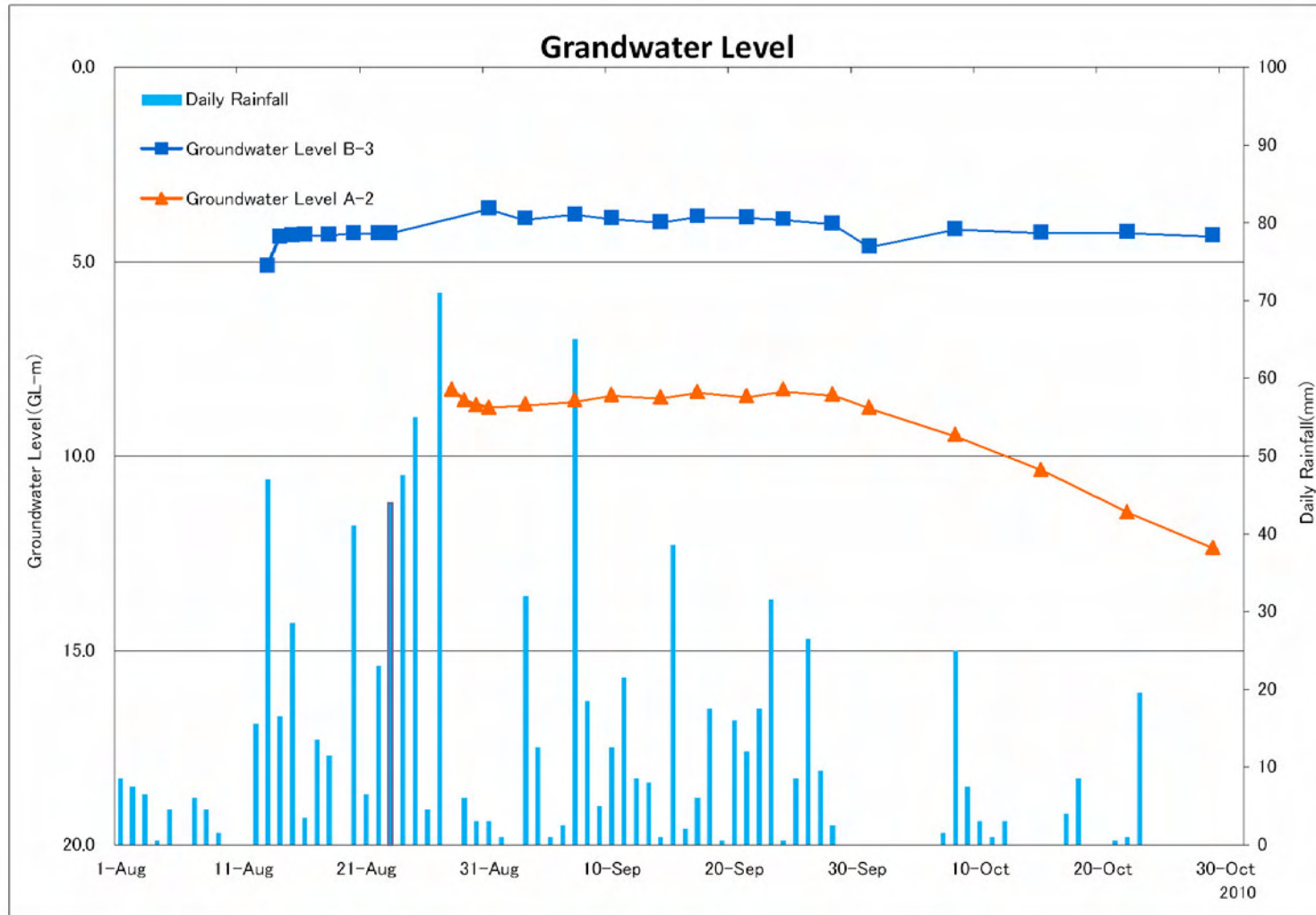


Tiltmeter AK-2

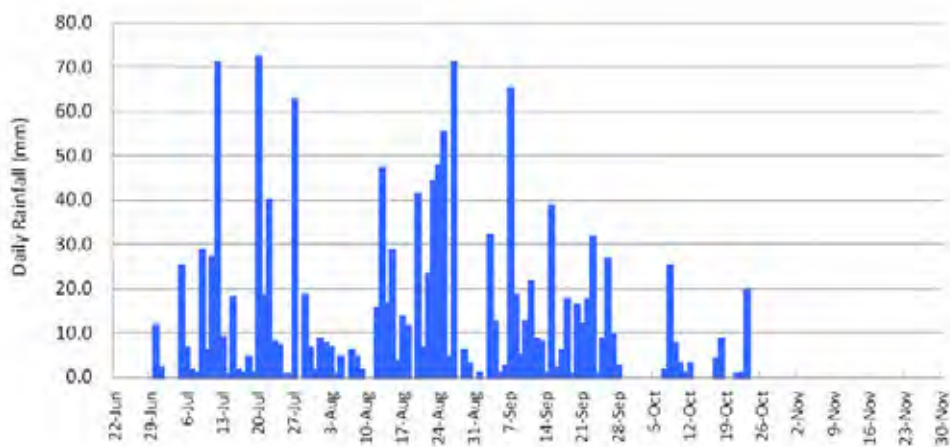
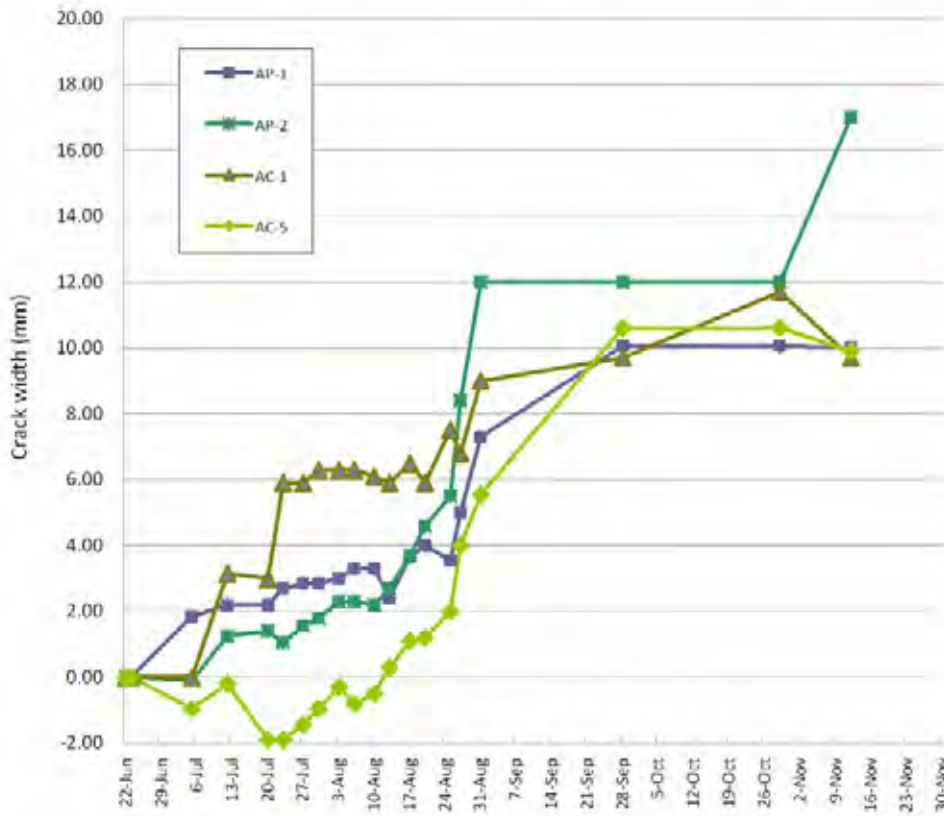


Tiltmeter AK-1

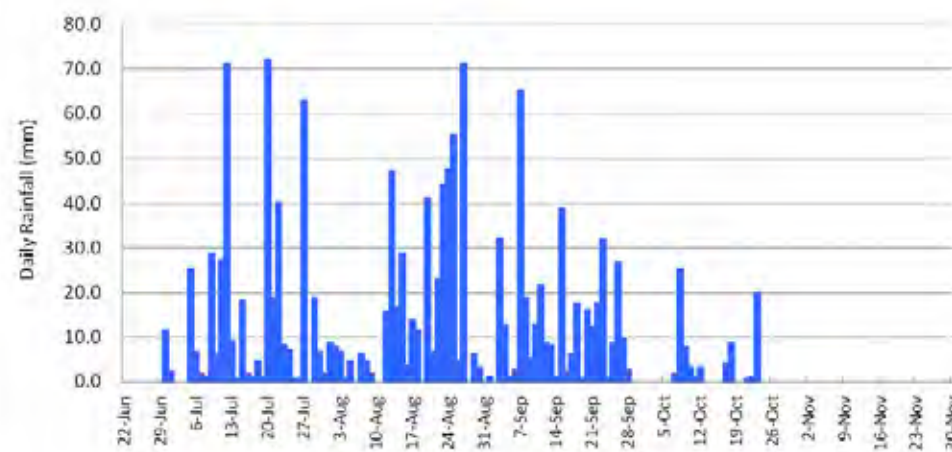
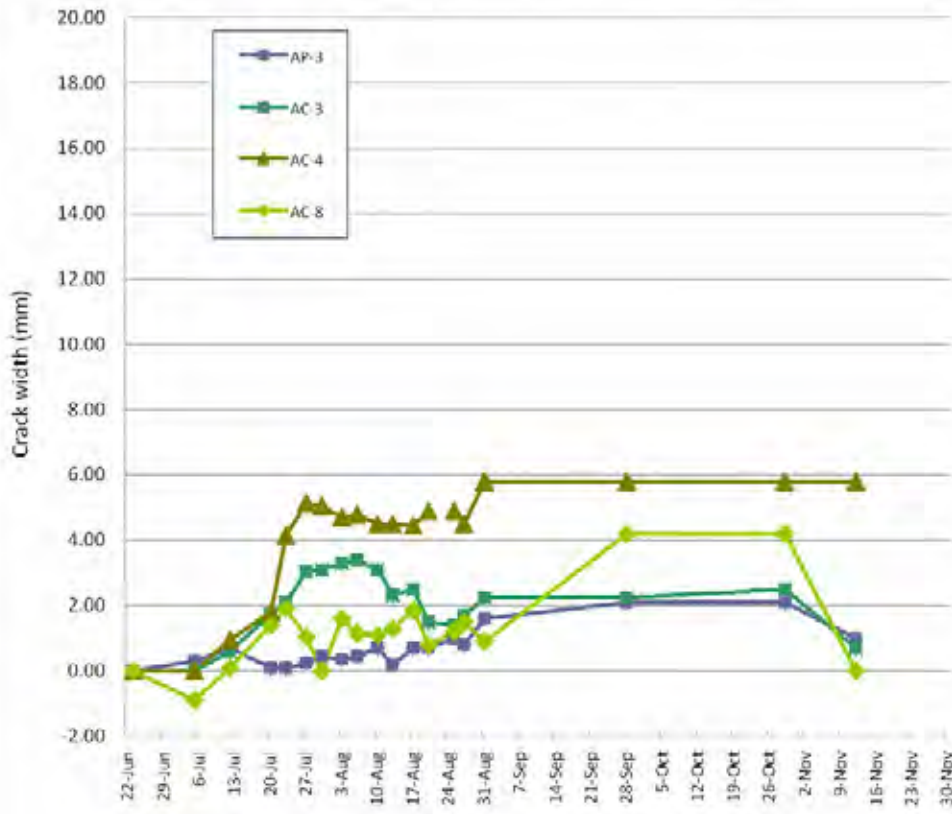




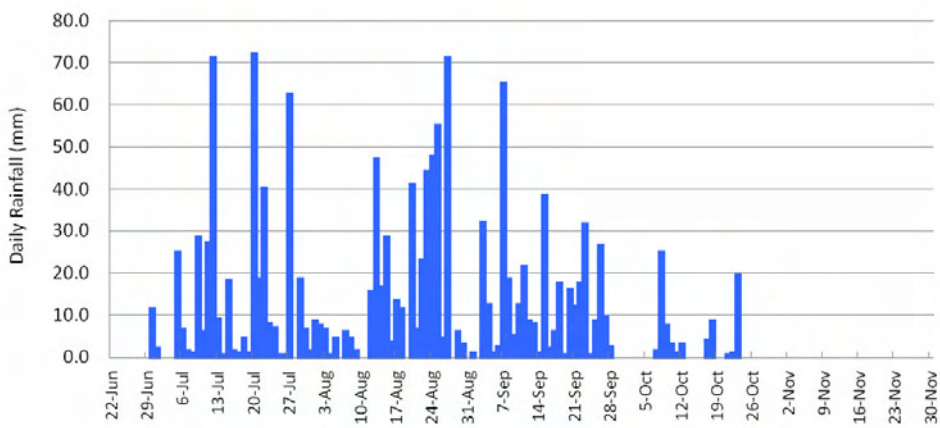
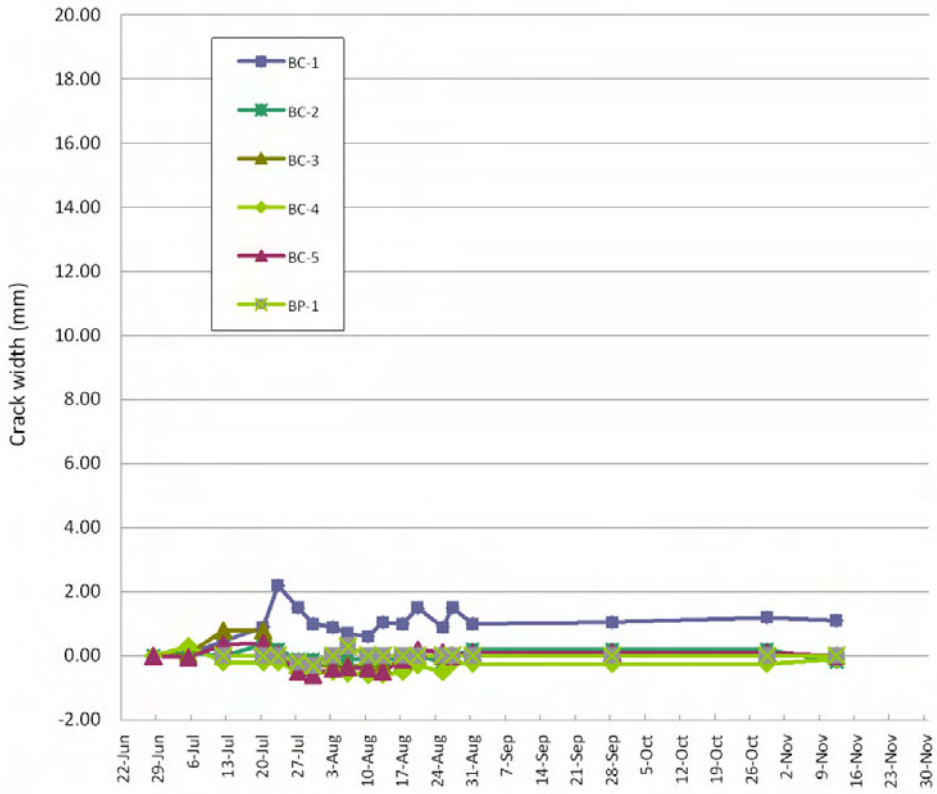
Sta.18+200 Crack Measurement



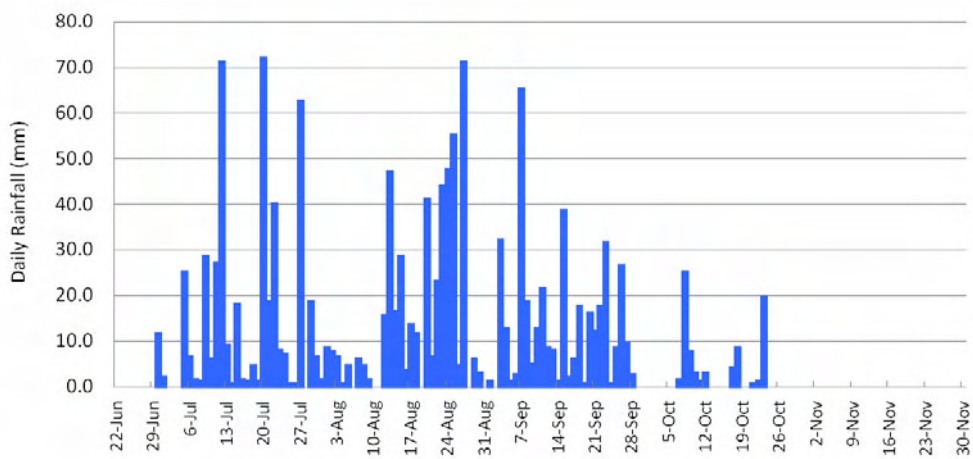
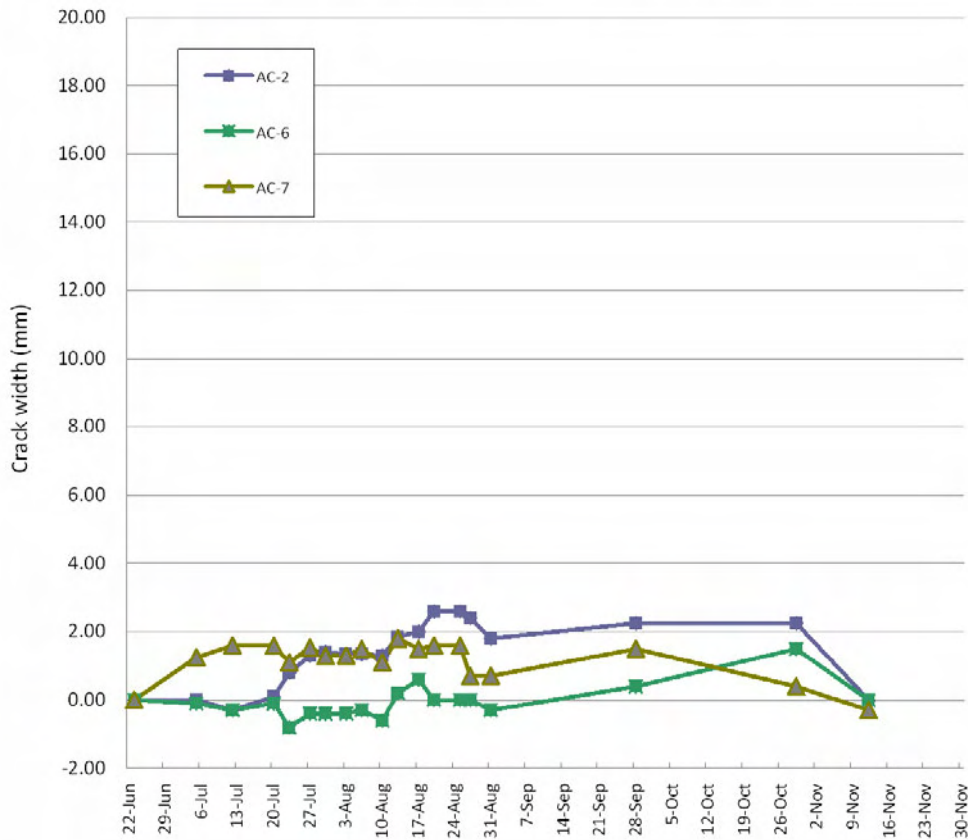
Sta.18+200 Crack Measurement



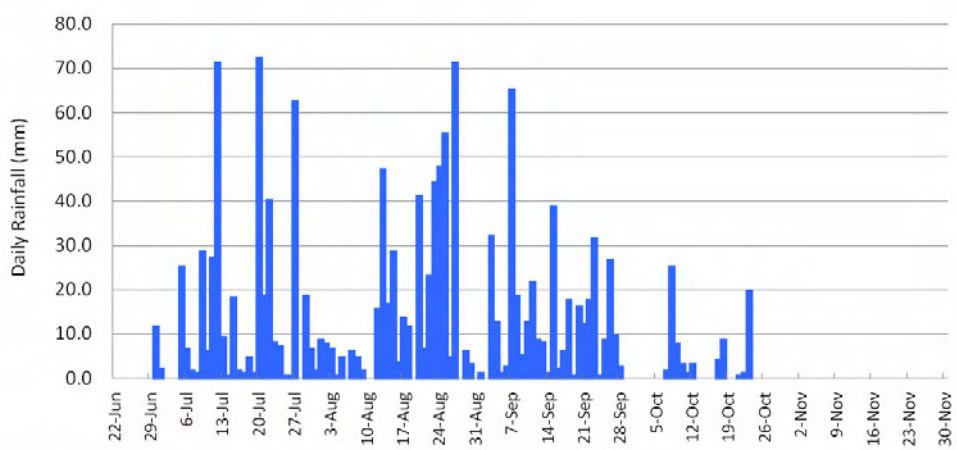
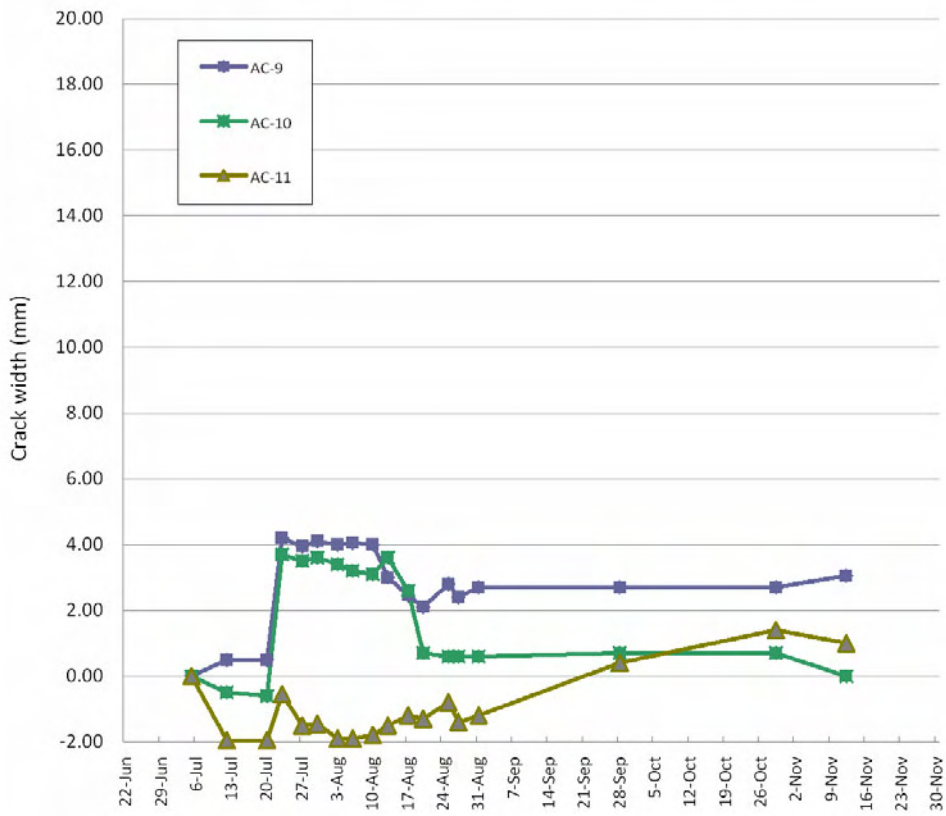
Sta.17+600 Crack Measurement






Sta.18+200 Crack Measurement




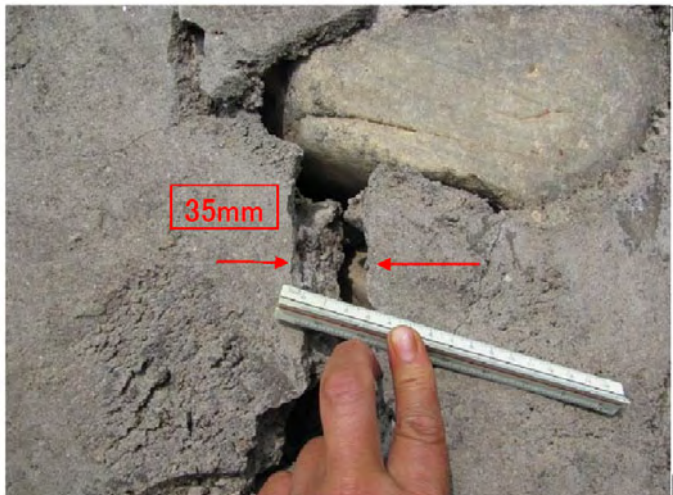

Sta.18+200 Crack Measurement






PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|--|
|  | <p>DATE :- 22 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Crack is 4.5cm and PIN is 30.0cm</p> |
| | <p>LOCATION :- STA 18+200 AP-1</p> |
|  | <p>DATE :- 22 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Crack is 7.5cm and PIN is 25.0cm</p> |
| | <p>LOCATION :- STA 18+200 AP-2</p> |
|  | <p>DATE :- 22 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Crack is 2.2cm and PIN is 30.0cm</p> |
| | <p>LOCATION :- STA 18+200 AP-3</p> |




PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|--|
|  | <p>DATE :- 23 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side Before crack is location</p> <p>LOCATION :- STA 18+200 AC-1</p> |
|  | <p>DATE :- 23 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side Before crack is cementation Crack is 3.5cm</p> <p>LOCATION :- STA 18+200 AC-1</p> |
|  | <p>DATE :- 23 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side After Crack is cementation</p> <p>LOCATION :- STA 18+200 AC-1</p> |


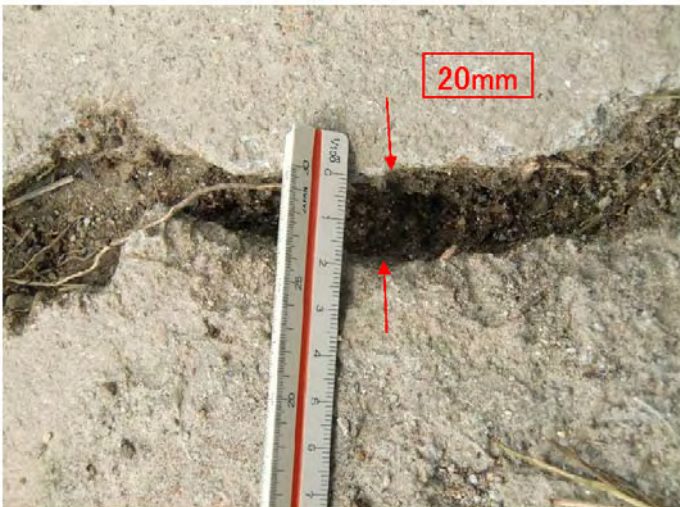

PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|---|
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Before crack is location</p> |
| | <p>LOCATION :- STA 18+200 AC-2</p> |
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Before crack is cementation Crack is 0.7cm</p> |
| | <p>LOCATION :- STA 18+200 AC-2</p> |
|  | <p>DATE :- 26 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side After Crack is cementation</p> |
| | <p>LOCATION :- STA 18+200 AC-2</p> |


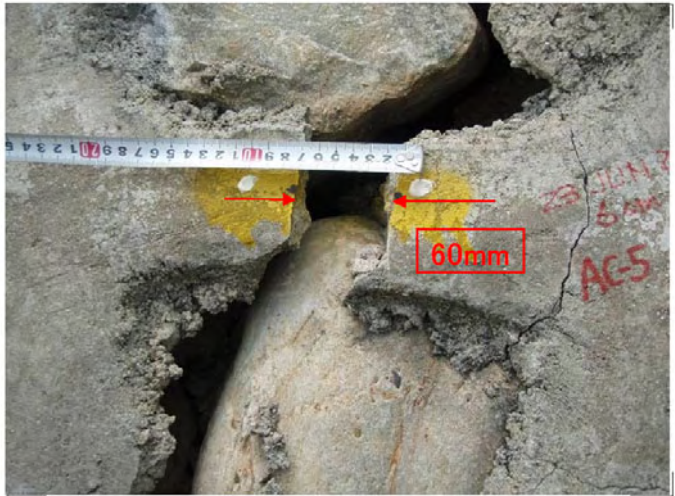
PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|---|
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Before crack is location</p> |
| | <p>LOCATION :- STA 18+200 AC-3</p> |
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Before crack is cementation Crack is 1.5cm</p> |
| | <p>LOCATION :- STA 18+200 AC-3</p> |
|  | <p>DATE :- 26 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side After Crack is cementation</p> |
| | <p>LOCATION :- STA 18+200 AC-3</p> |




PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|--|
|  <p>A photograph showing a long, irregular crack in a concrete surface. A ruler is placed horizontally across the crack to provide a scale. The crack is approximately 30 cm long. The surrounding concrete is light-colored and appears to be in good condition.</p> | <p>DATE :- 23 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side Before crack is location</p> <p>LOCATION :- STA.18+200 AC-4</p> |
|  <p>A close-up photograph of a crack in the concrete. A ruler is placed vertically next to the crack. Two red arrows point to the width of the crack, which is labeled as 20mm in a red box. The crack is filled with dark, fibrous material, likely a repair or sealant.</p> | <p>DATE :- 23 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side Before crack is cementation Crack is 2.0cm</p> <p>LOCATION :- STA.18+200 AC-2</p> |
|  <p>A photograph showing a crack in the concrete surface. A ruler is placed vertically next to the crack. The crack is filled with a grey, fibrous material. The marking 'AC4' is written in red on the concrete surface below the crack.</p> | <p>DATE :- 26 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side After Crack is cementation</p> <p>LOCATION :- STA.18+200 AC-2</p> |

PHOTOGRAPHS OF WORKS EXECUTED

| | |
|--|--|
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Crack is 6.0cm and Mark is 10.0cm</p> |
| | <p>LOCATION :- STA 18+200 AC-5</p> |
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side zoom up Crack is 6.0cm and Mark is 10.0cm</p> |
| | <p>LOCATION :- STA 18+200 AC-5</p> |
| | <p>DATE :-</p> |
| | <p>DESCRIPTION :-</p> |
| | <p>LOCATION :-</p> |


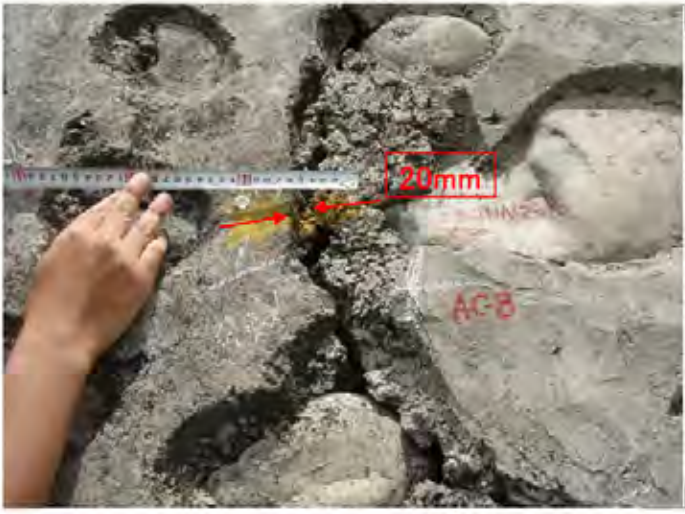

PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|--|
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side Crack is 1.0cm and Mark is 10.0cm</p> |
| | <p>LOCATION :- STA 18+200 AC-6</p> |
|  | <p>DATE :- 23 June 2010</p> |
| | <p>DESCRIPTION :- Masonry Work at upper Side zoom up Crack is 1.0cm and Mark is 10.0cm</p> |
| | <p>LOCATION :- STA 18+200 AC-6</p> |
|  | <p>DATE :-</p> |
| | <p>DESCRIPTION :-</p> |
| | <p>LOCATION :-</p> |


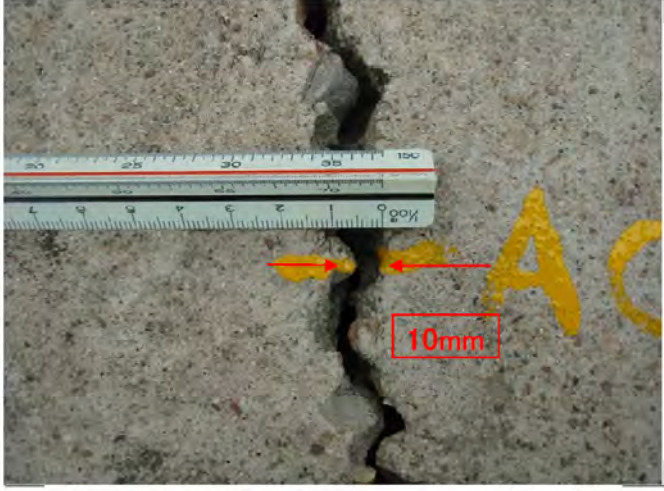

PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|---|
|  | <p>DATE :- 23 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side Crack is 1.0cm</p> <p>LOCATION :- STA 18+200 AC-7</p> |
|  | <p>DATE :- 28 June 2010</p> <p>DESCRIPTION :- Masonry Work at upper Side zoom up Crack is 1.0cm and Mark is 10.0cm</p> <p>LOCATION :- STA 18+200 AC-7</p> |
|  | <p>DATE :-</p> <p>DESCRIPTION :-</p> <p>LOCATION :-</p> |

PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|--|
|  | <p>DATE :- 23 June 2010</p> |
|  | <p>DATE :- 23 June 2010</p> |
|  | <p>DESCRIPTION :- Masonry Work at upper Side Crack is 2.0cm and Mark is 10.0cm</p> |
| <p>LOCATION :- STA 18+200 AC-8</p> | <p>DATE :-</p> |
| <p>DESCRIPTION :-</p> | <p>LOCATION :-</p> |

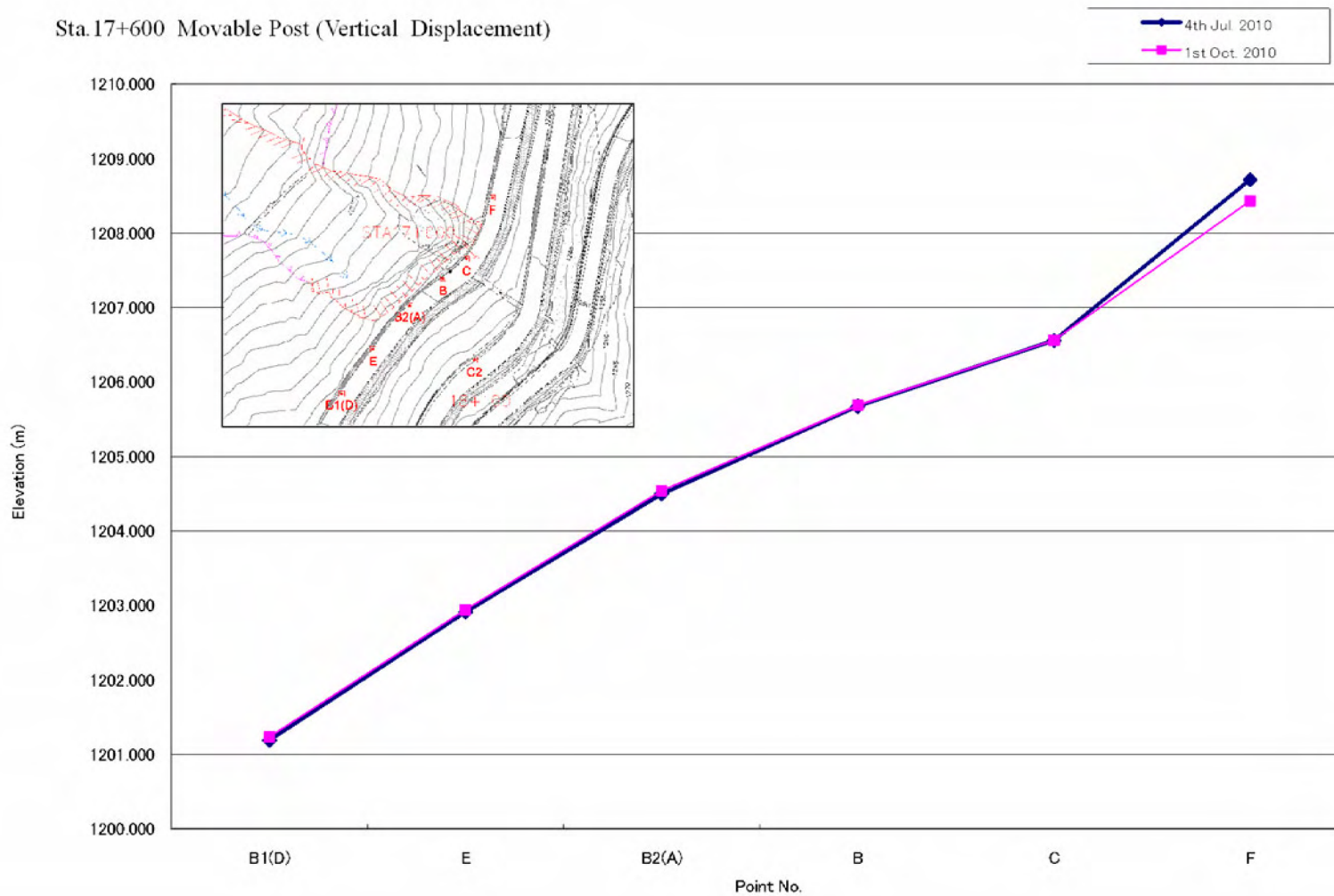
PHOTOGRAPHS OF WORKS EXECUTED

| | |
|---|--|
|  | <p>DATE :- 28 June 2010</p> |
| | <p>DESCRIPTION :- Road Crack is 1.0cm</p> |
| | <p>LOCATION :- STA 18+200 AC-9</p> |
|  | <p>DATE :- 28 June 2010</p> |
| | <p>DESCRIPTION :- Road Crack is 1.0cm</p> |
| | <p>LOCATION :- STA 18+200 AC-9</p> |
|  | <p>DATE :-</p> |
| | <p>DESCRIPTION :-</p> |
| | <p>LOCATION :-</p> |

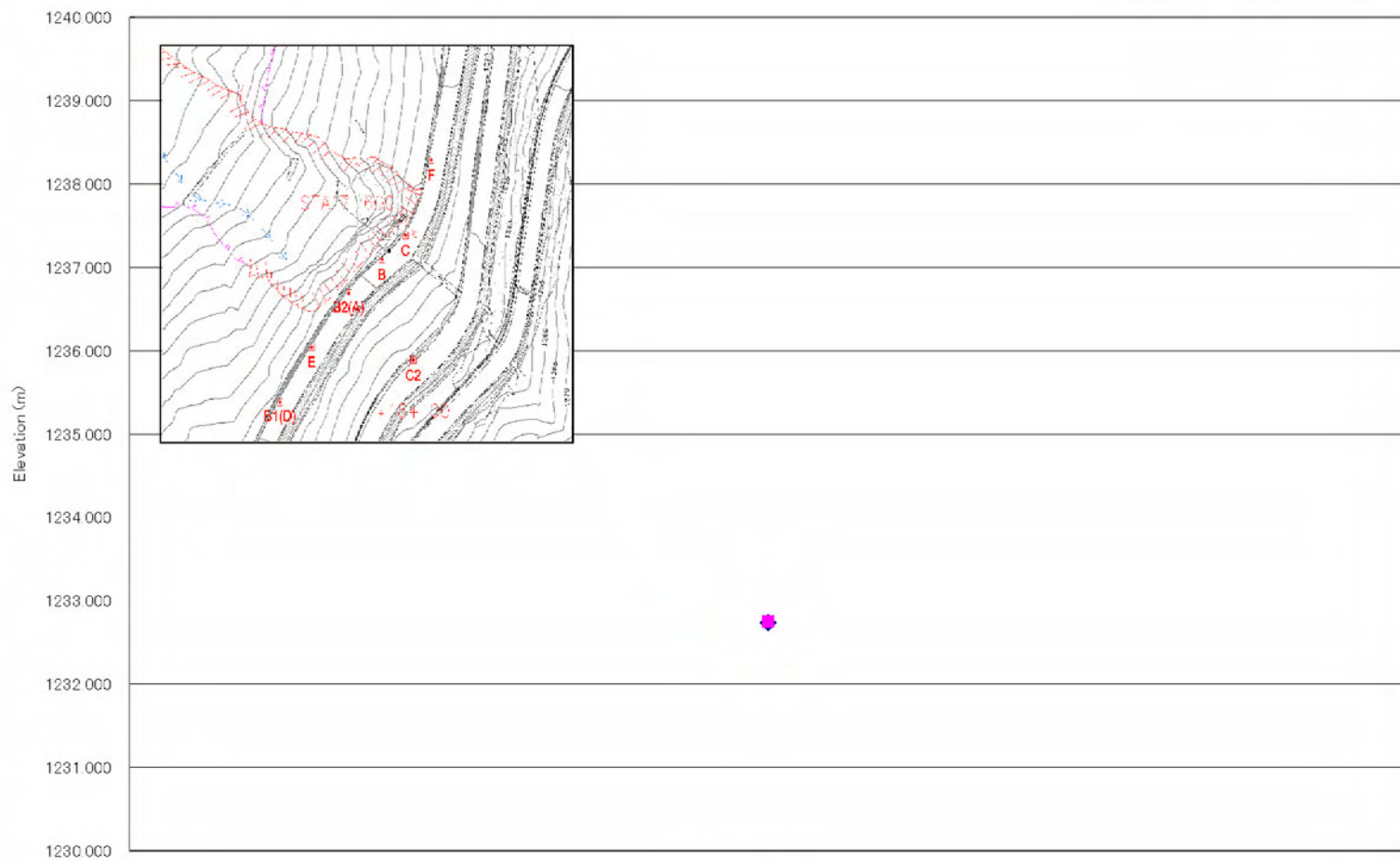
Measurement of survey stakes, Before and After Rainy Season

| Before Rainy Season | | | | | After Rainy Season | | | | |
|---------------------|-----------|------------|-------------|----------|---------------------|-----------|------------|-------------|----------|
| S.No. | Point No. | Easting | Northing | RL | S.No. | Point No. | Easting | Northing | RL |
| From beginning side | | | | | From beginning side | | | | |
| 100 | B1(D) | 396289.056 | 3017143.421 | 1201.191 | 1000 | D | 396289.042 | 3017143.425 | 1201.236 |
| E | E | 396300.600 | 3017159.907 | 1202.914 | 1002 | E | 396300.613 | 3017159.929 | 1202.946 |
| 101 | B2(A) | 396314.109 | 3017175.925 | 1204.497 | 1003 | A | 396314.087 | 3017175.912 | 1204.544 |
| B | B | 396326.300 | 3017186.079 | 1205.676 | 1004 | B | 396326.310 | 3017186.097 | 1205.688 |
| C | C | 396334.925 | 3017193.279 | 1206.558 | 1005 | C | 396334.907 | 3017193.294 | 1206.563 |
| F | F | 396344.399 | 3017215.731 | 1208.721 | 1007 | F | 396344.378 | 3017215.764 | 1208.432 |
| | | | | | | | | | |
| 107 | C2 | 396337.802 | 3017155.984 | 1232.737 | 1009 | C2 | 396337.809 | 3017155.949 | 1232.752 |
| | | | | | | | | | |
| G | G | 396295.589 | 3017053.548 | 1238.885 | Disturbed | | | | |
| I | I | 396288.279 | 3017061.317 | 1238.601 | 1011 | I | 396288.305 | 3017061.315 | 1238.619 |
| H | H | 396292.625 | 3017058.589 | 1238.848 | 1010 | H | 396292.616 | 3017058.617 | 1238.878 |
| J | J | 396281.050 | 3017052.495 | 1230.872 | 1012 | J | 396281.045 | 3017052.519 | 1230.884 |

Sta. 17+600 Movable Post (Vertical Displacement)

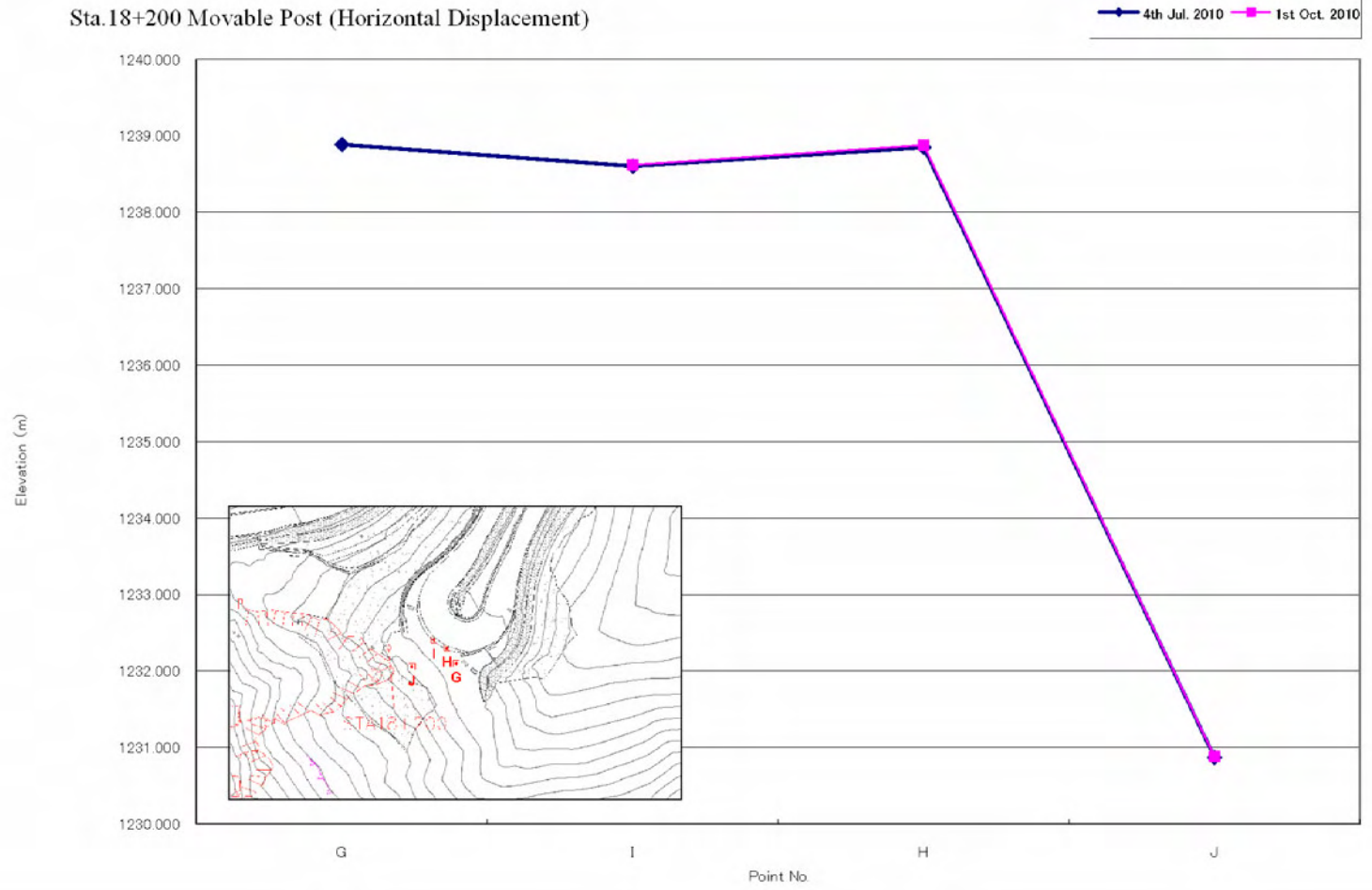


Sta.17+600 Movable Post (Vertical Displacement)

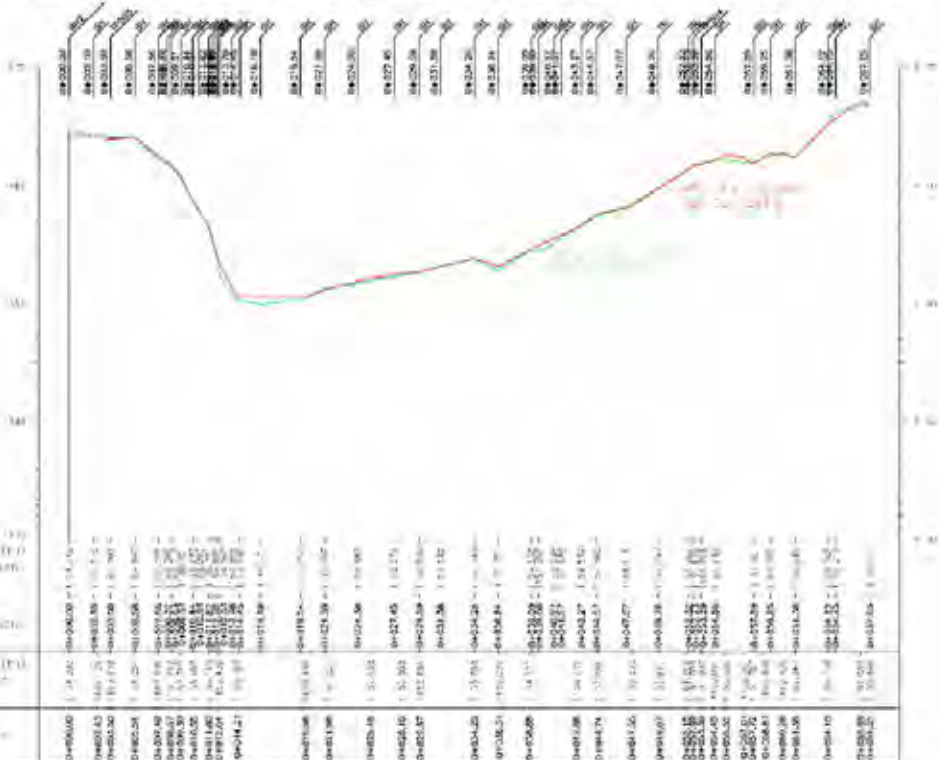
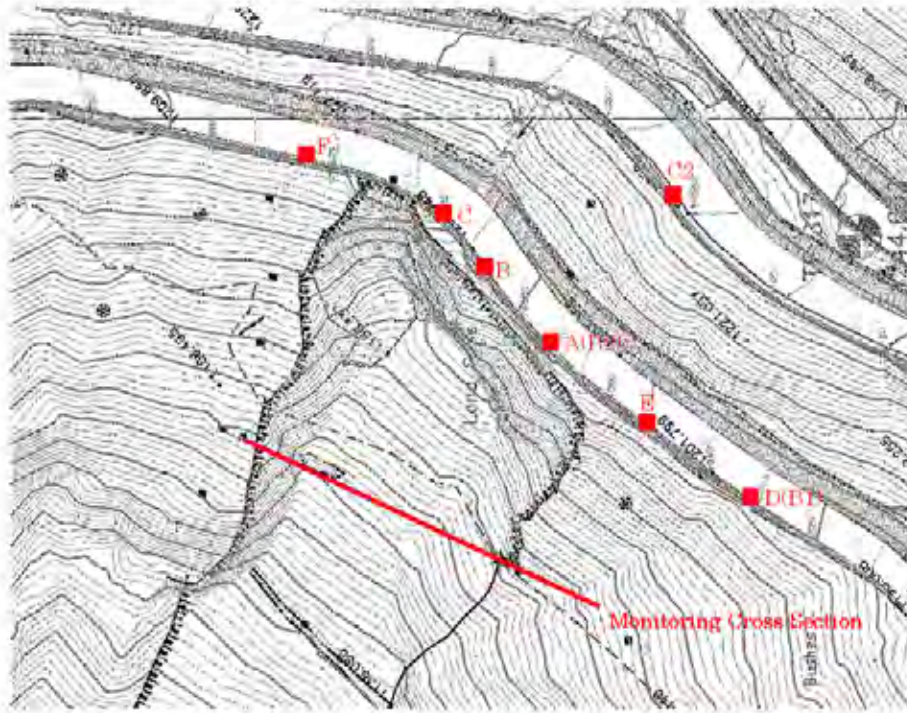


C2
Point No.

Sta. 18+200 Movable Post (Horizontal Displacement)



Monitoring of Erosion Depth for Sta.17+600



Monitoring of Erosion Depth for Sta.18+200

