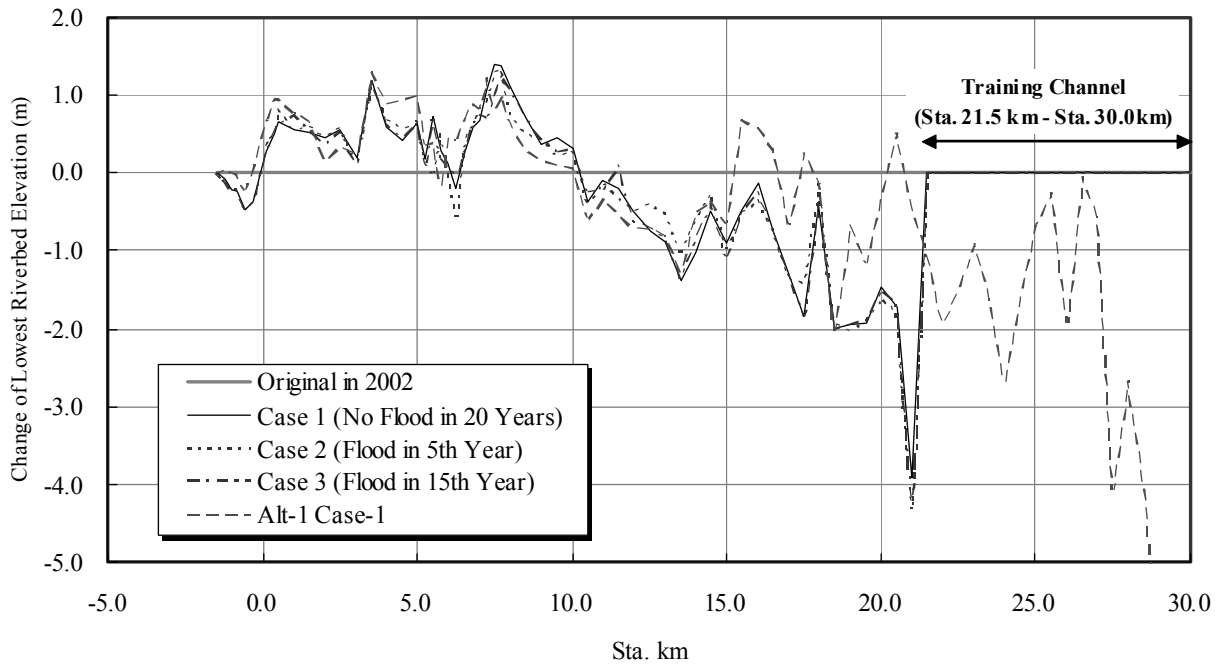
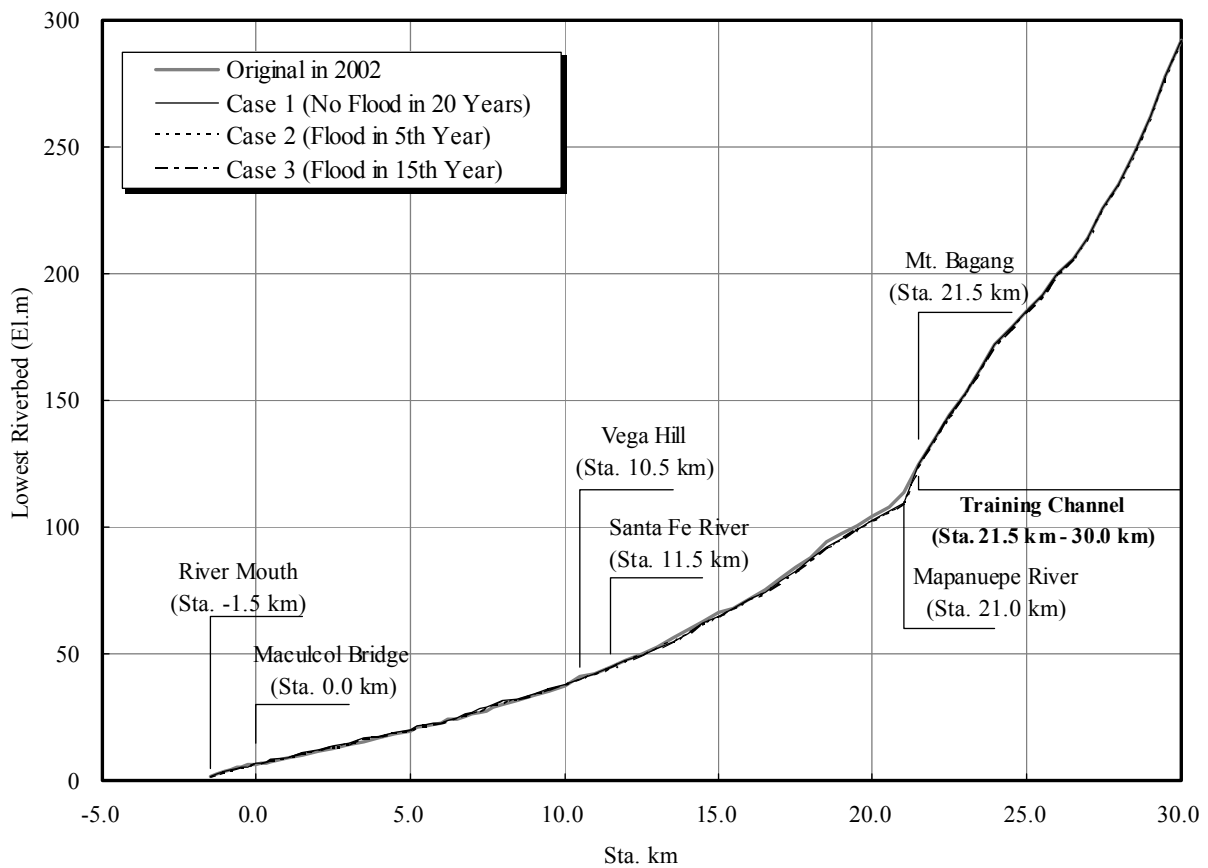


Riverbed Change in the Sto. Tomas River after 20 Years (Alternative-2*)



Riverbed Movement in the Sto. Tomas River after 20 Years (Alternative-2*)



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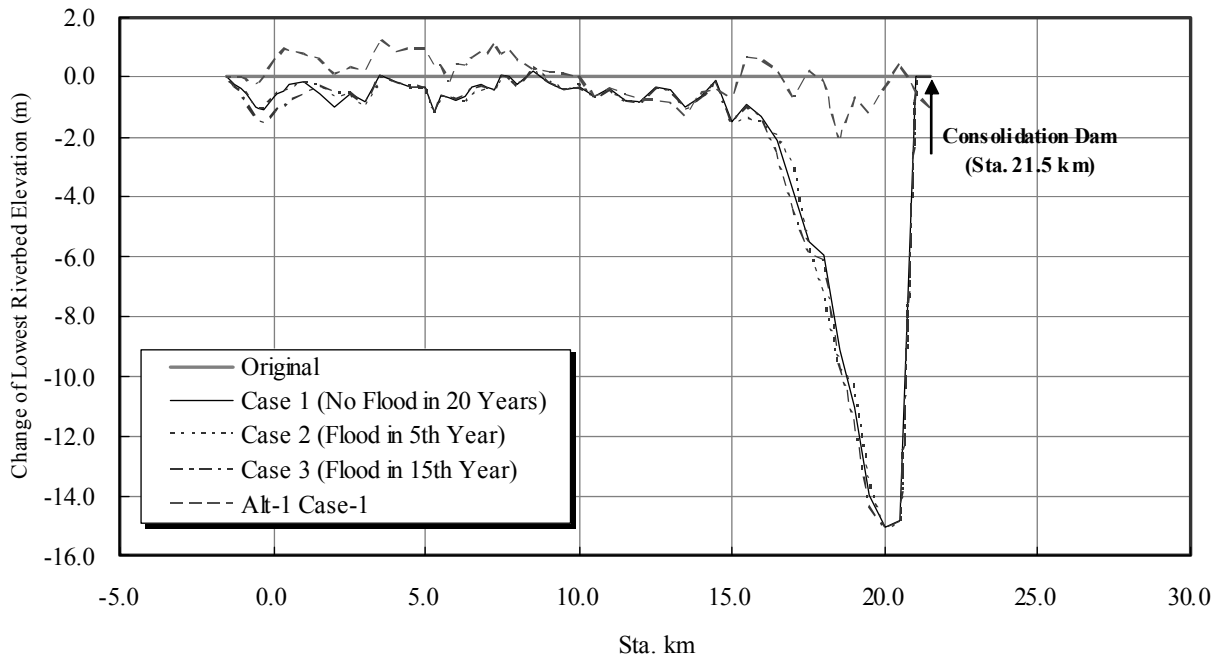
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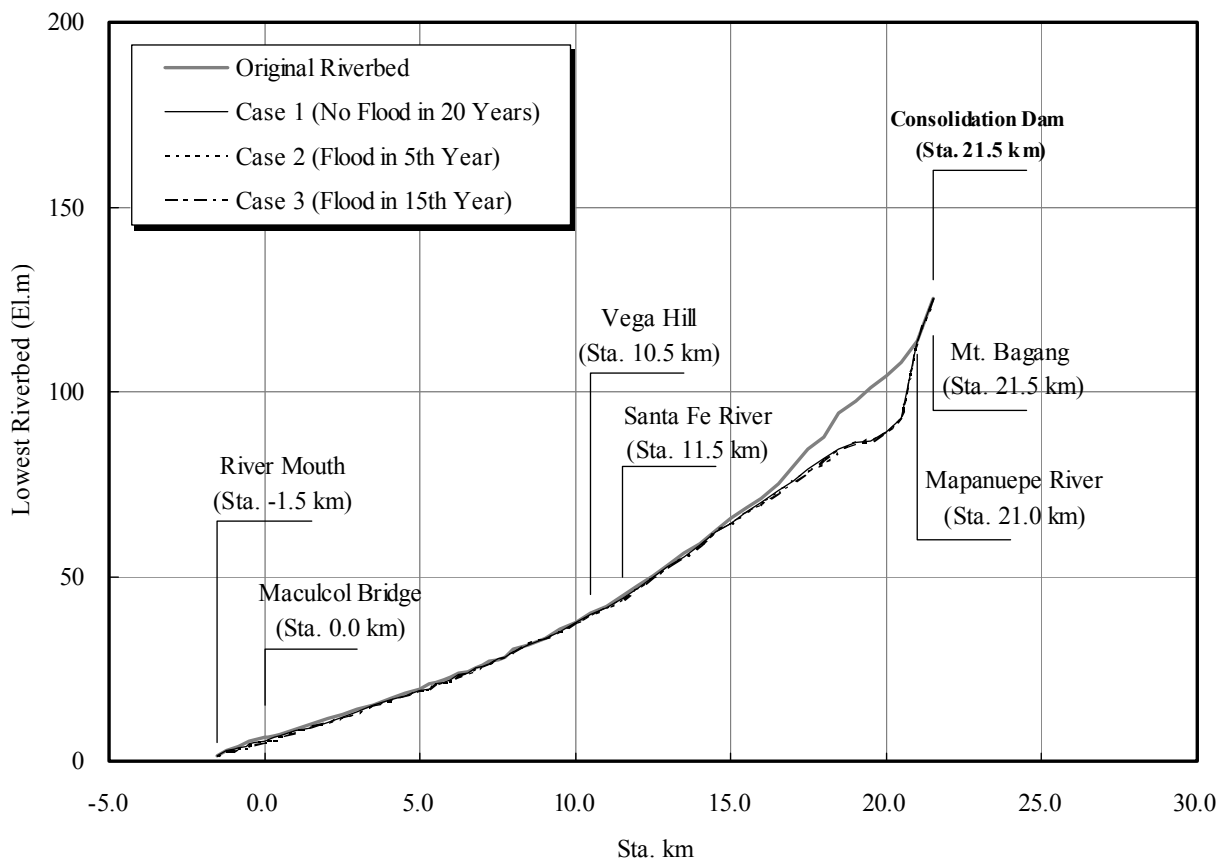
Figure 3.3.12

**Simulated Riverbed Movement for 20 Years in
the Sto. Tomas River (Alternative-2*)**

Riverbed Change in the Sto. Tomas River after 20 Years (Alternative-3*)



Riverbed Movement in the Sto. Tomas River after 20 Years (Alternative-3*)



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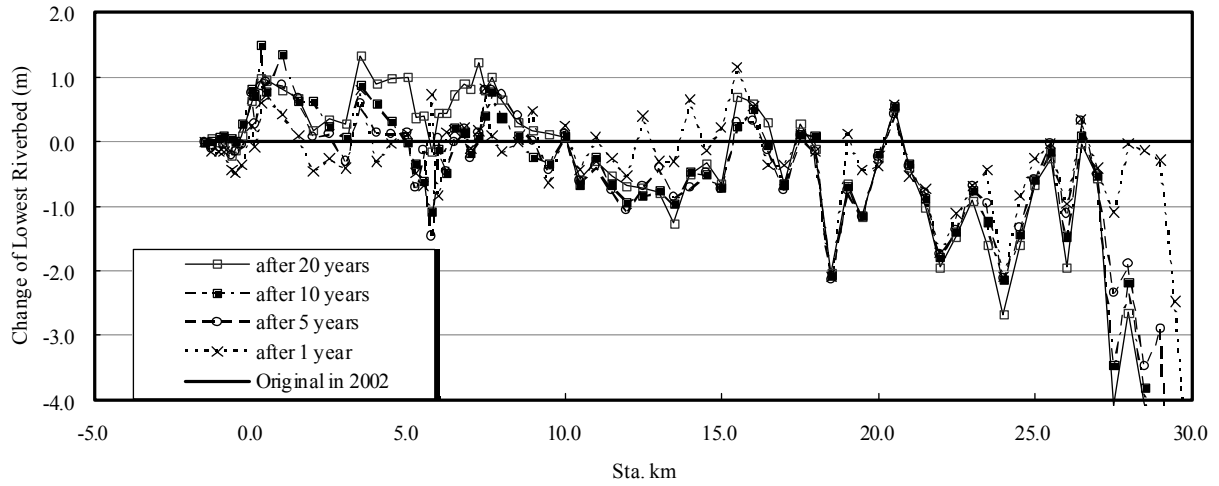
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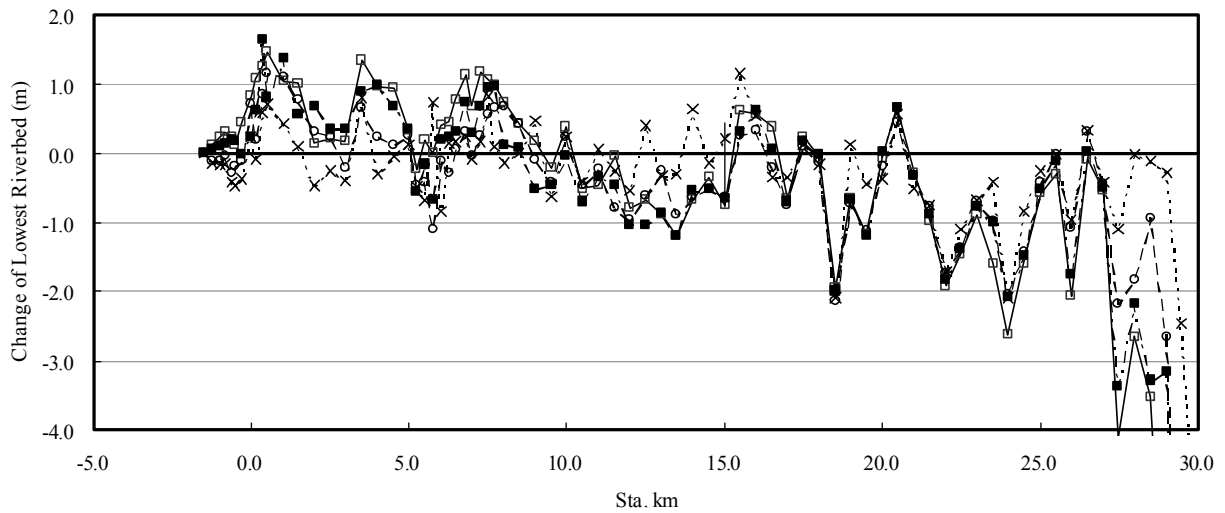
Figure 3.3.13

**Simulated Riverbed Movement for 20 Years in
the Sto. Tomas River (Alternative-3*)**

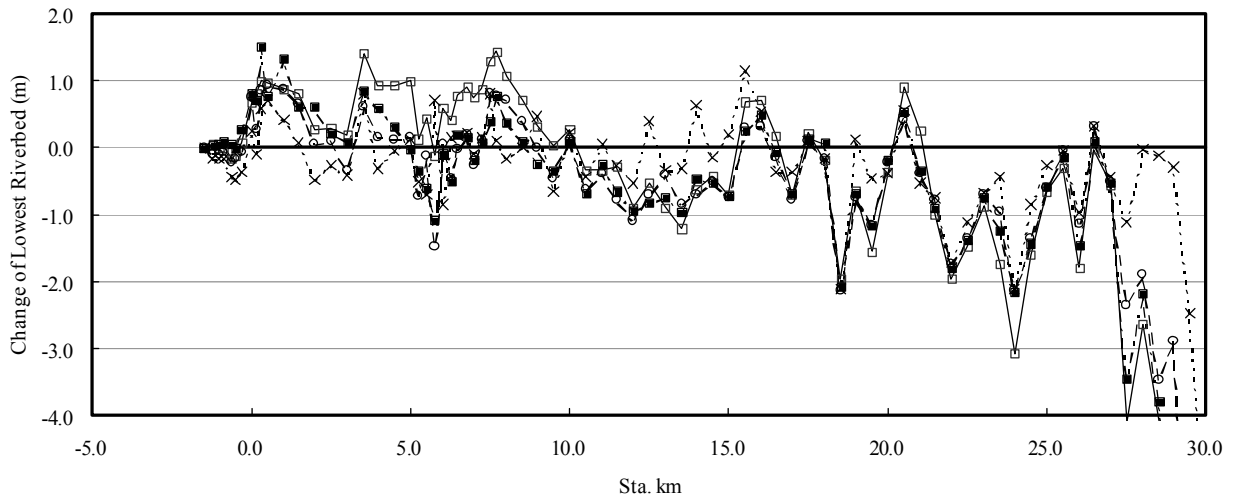
Riverbed Movement for 20 Years in the Sto. Tomas River (Alternative-1, Case-1)



Riverbed Movement for 20 Years in the Sto. Tomas River (Alternative-1, Case-2)



Riverbed Movement for 20 Years in the Sto. Tomas River (Alternative-1, Case-3)



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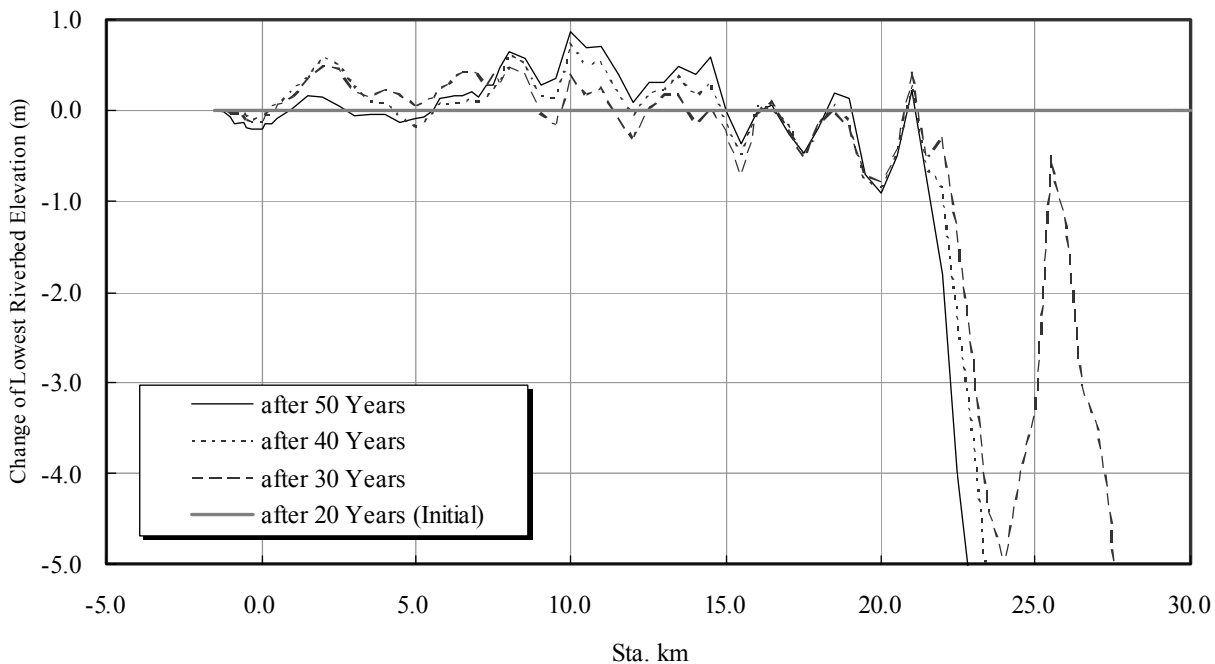
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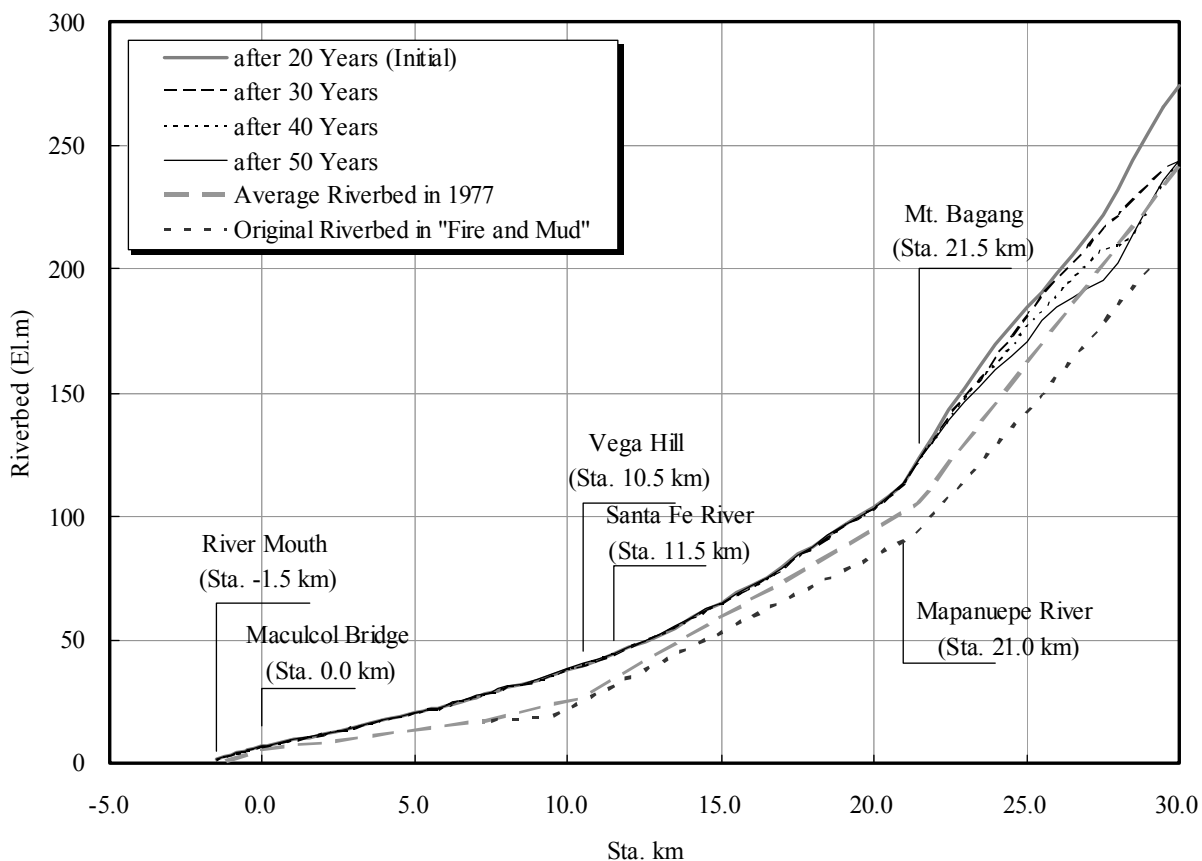
Figure 3.3.14

**Chronological Riverbed Change for 20 Years
in the Sto. Tomas River (Alternative-1)**

Riverbed Change in the Sto. Tomas River after 50 Years (Alternative-1)



Riverbed Movement in the Sto. Tomas River after 50 Years (Alternative-1)



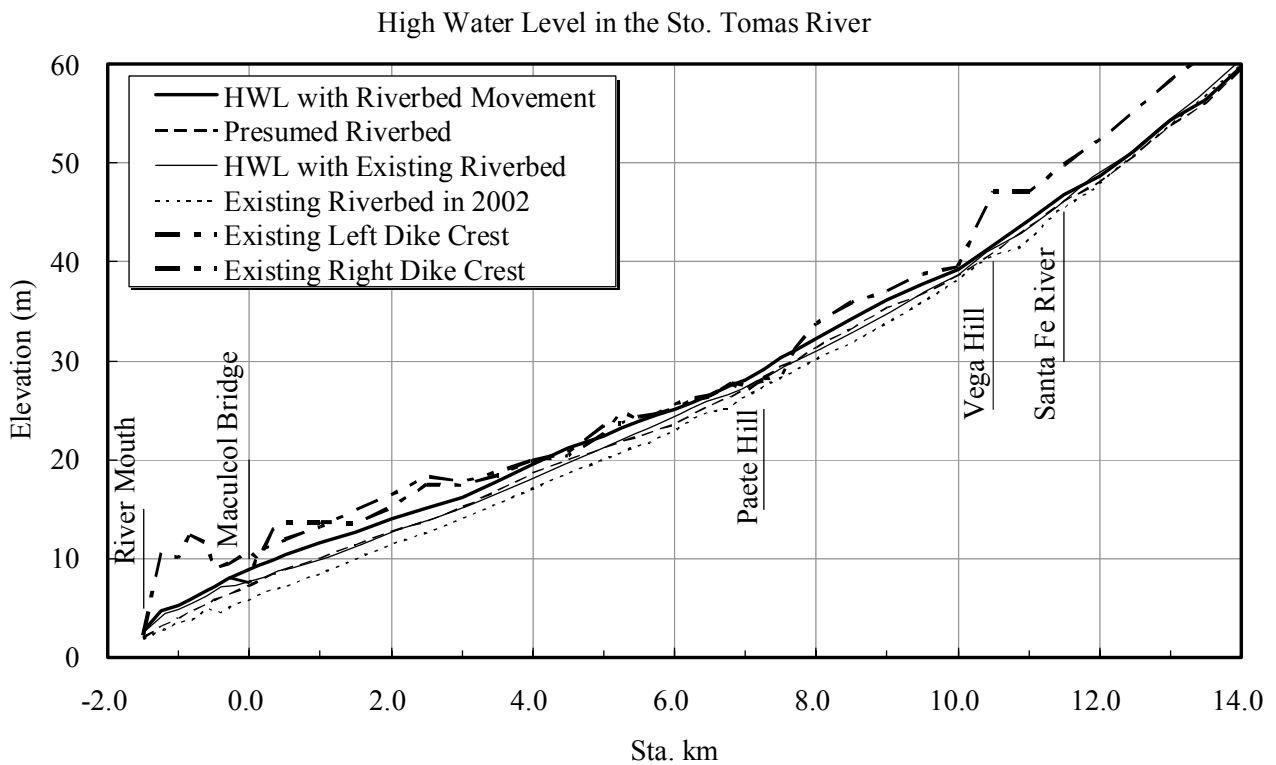
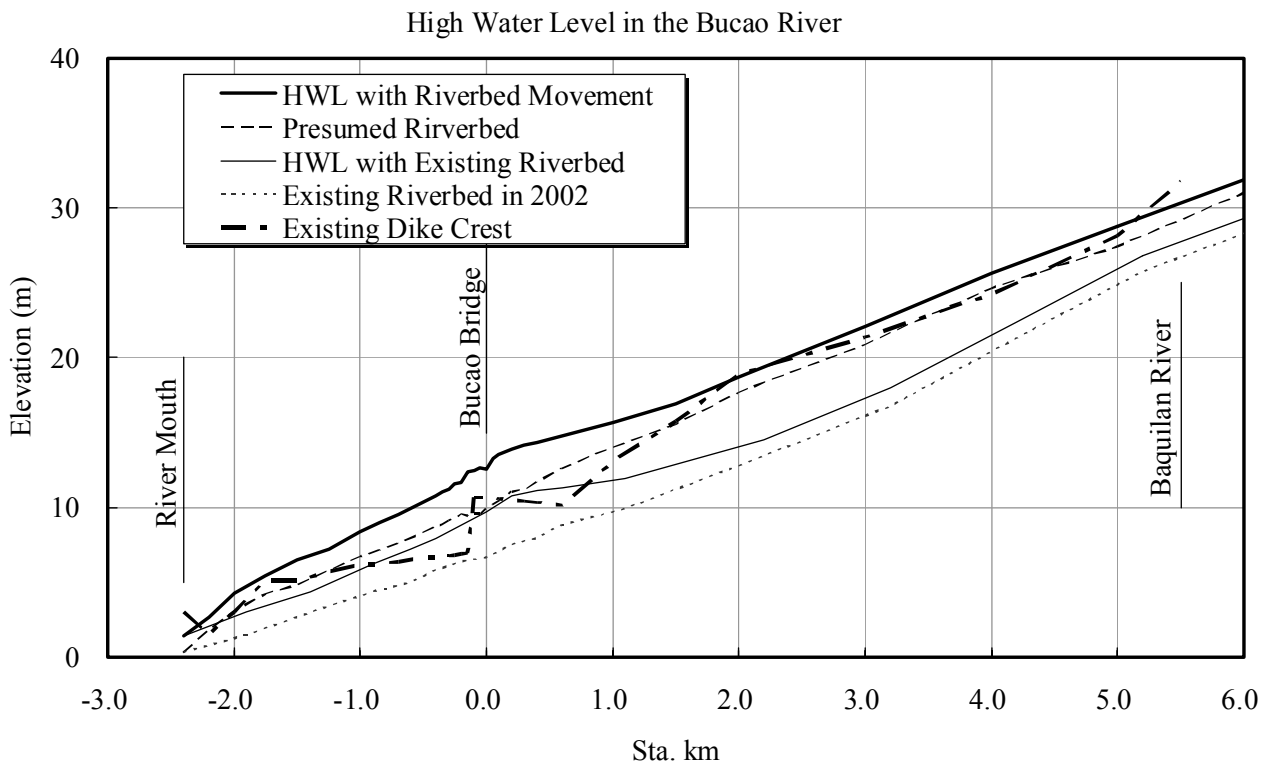
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Figure 3.3.15

**Simulated Riverbed Movement for 50 Years in
the Sto. Tomas River (Alternative-1)**



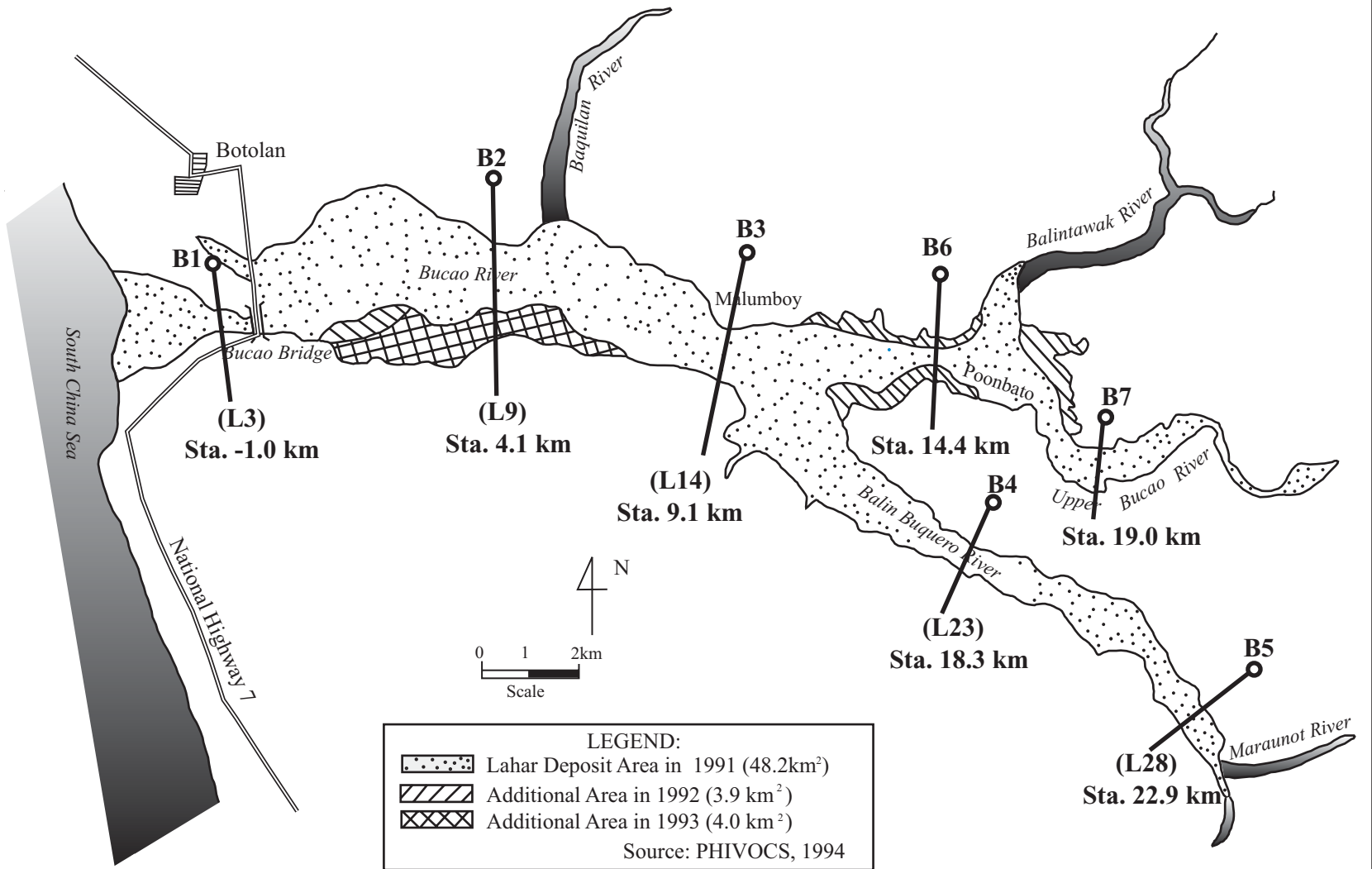
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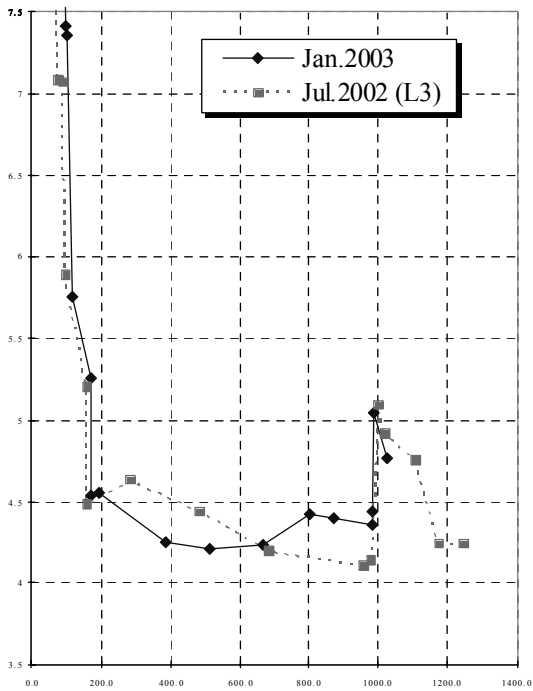
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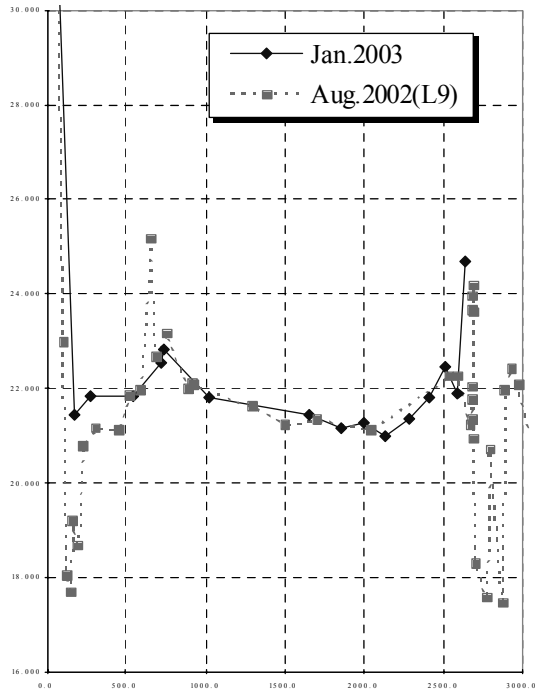
Figure 3.5.1

**High Water Level with Riverbed Movement in
the Bucao and Sto. Tomas Rivers**

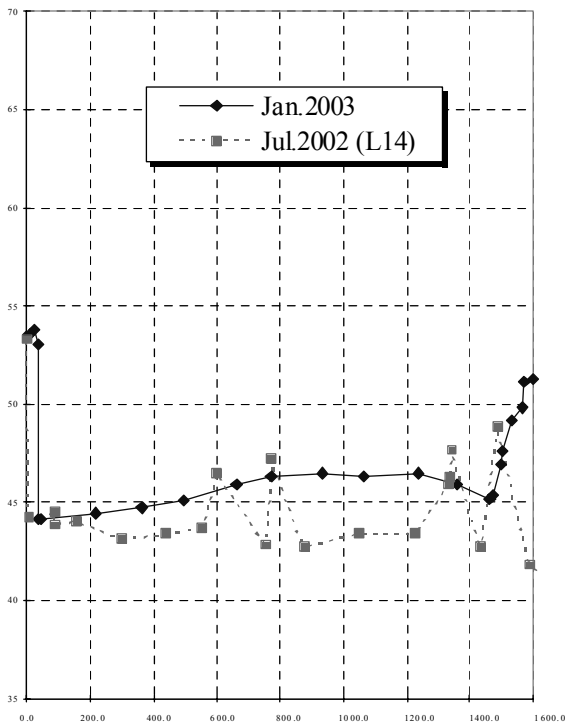




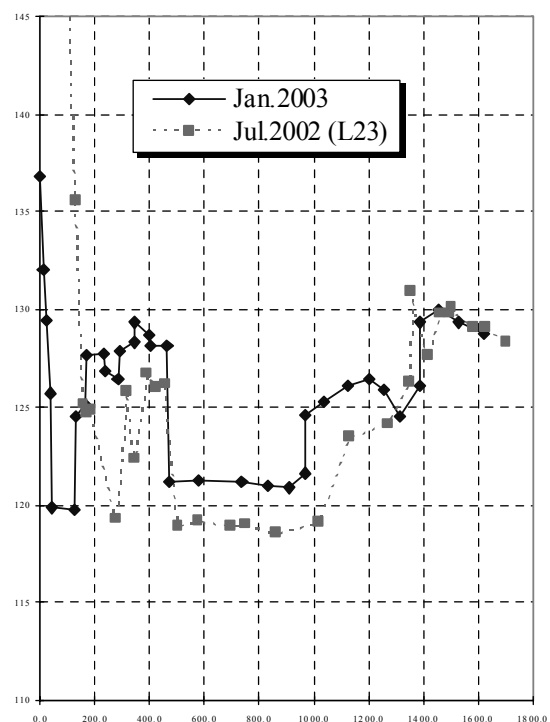
Sec.B1 (-1.0 km from Bucao Bridge: L-Bucao)



Sec.B2 (+4.1 km from Bucao Bridge: L-Bucao)



Sec.B3 (9.1 km from Bucao Bridge: L-Bucao)



Sec.B4 (18.3 km from Bucao Bridge: B-Baquero)

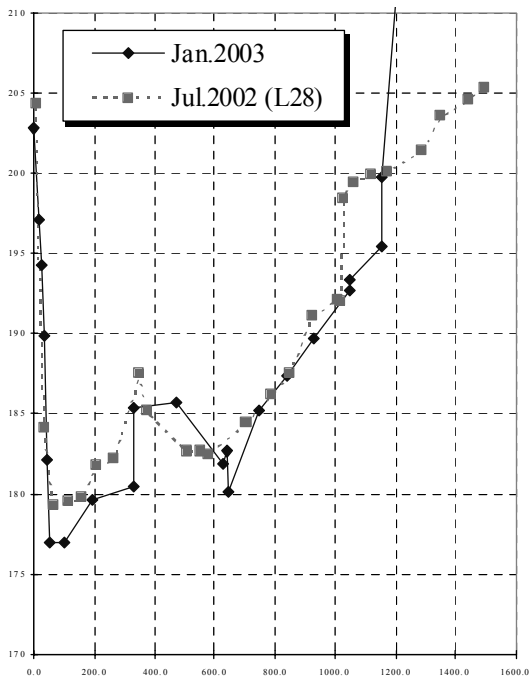
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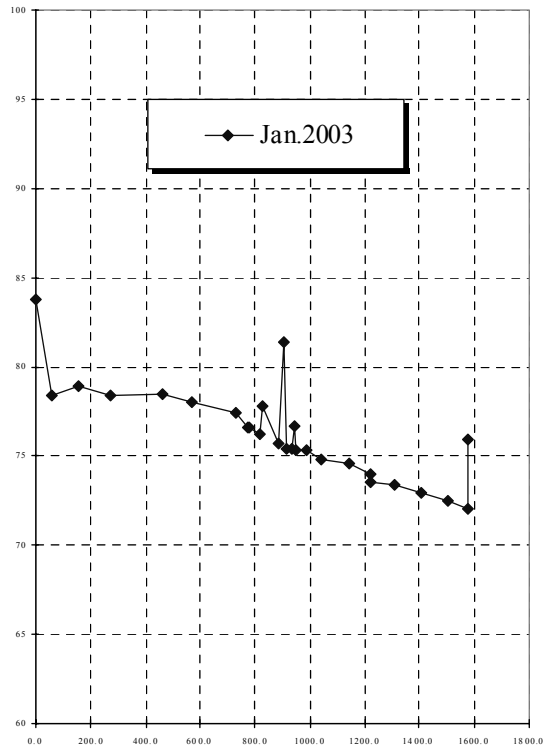
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Figure 4.2.2 (1/2)

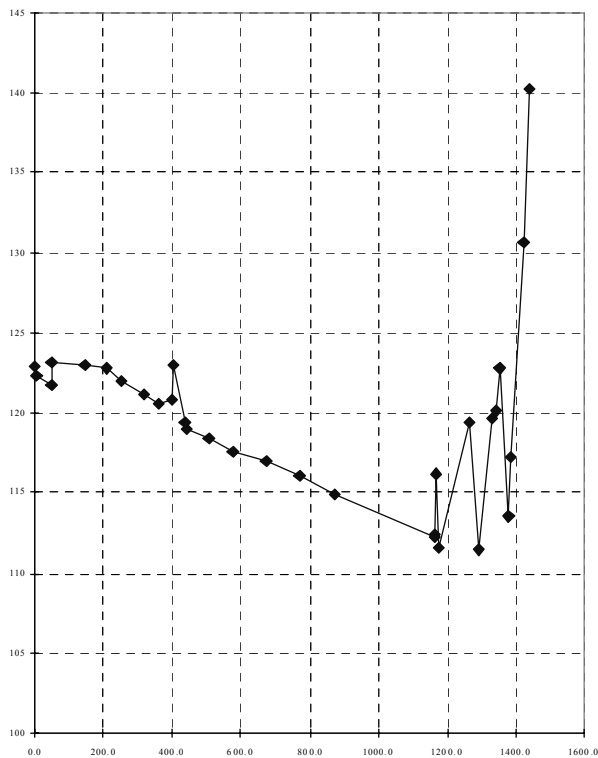
**Monitoring for Riverbed Movement from July
2002 to January 2003 in the Bucao River**



Sec.B5 (22.9 km from Bucao Bridge: B-Baquero)



Sec.B6 (+14.4 km from Bucao Bridge: U-Bucao)



Sec.B7 (19.0 km from Bucao Bridge: U-Bucao)

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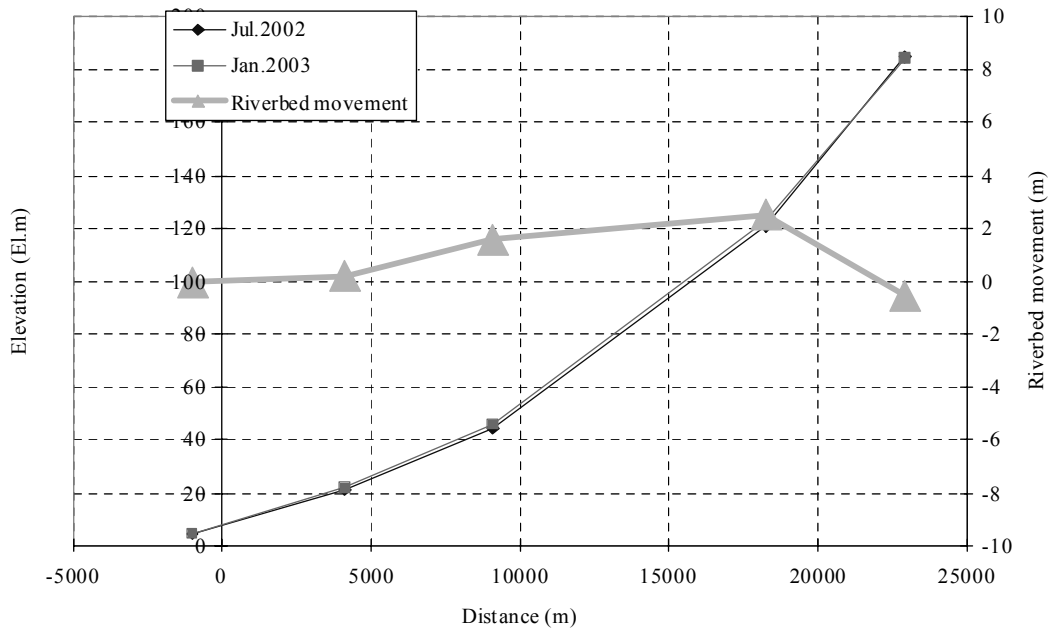
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Figure 4.2.2 (2/2)

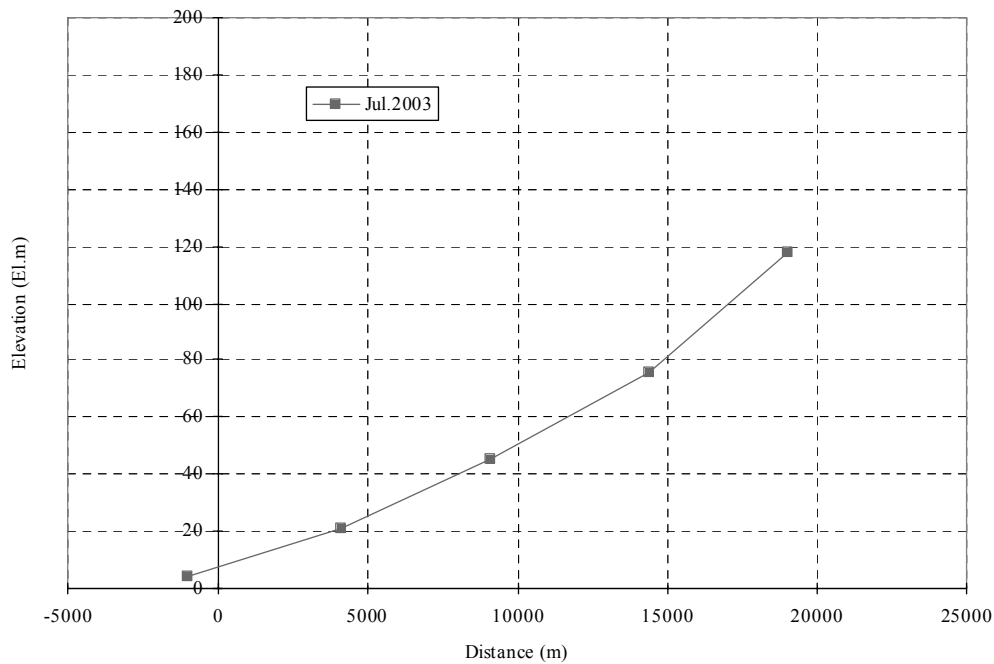
**Monitoring for Riverbed Movement from July
2002 to January 2003 in the Bucao River**

Monitoring for Riverbed Movement (Bucao-Balin Baquero)



Riverbed Movement on Lower Bucao – Balin Baquero River

Monitoring for Riverbed Movement (Bucao-Upper Bucao)



Riverbed Profile on Lower Bucao – Upper Bucao Stretch

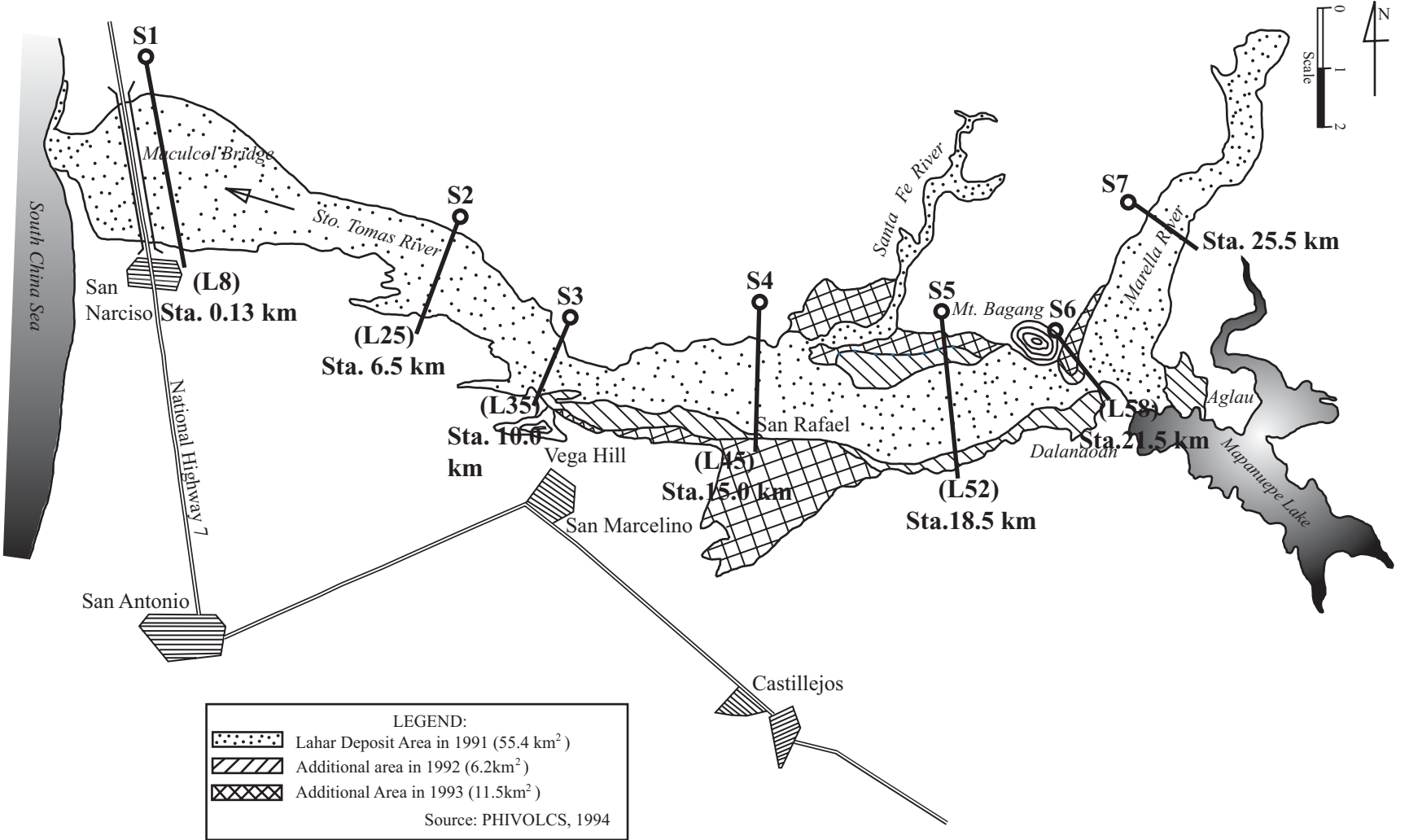
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Figure 4.2.3

**Profile of Riverbed Movement from July 2002
to January 2003 in the Bucao River**



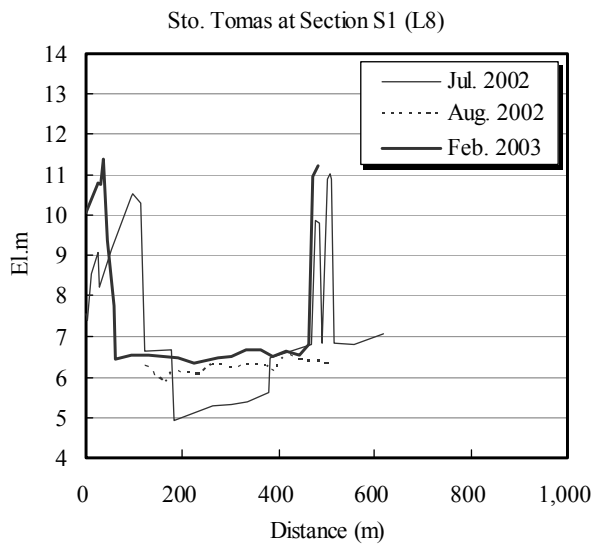
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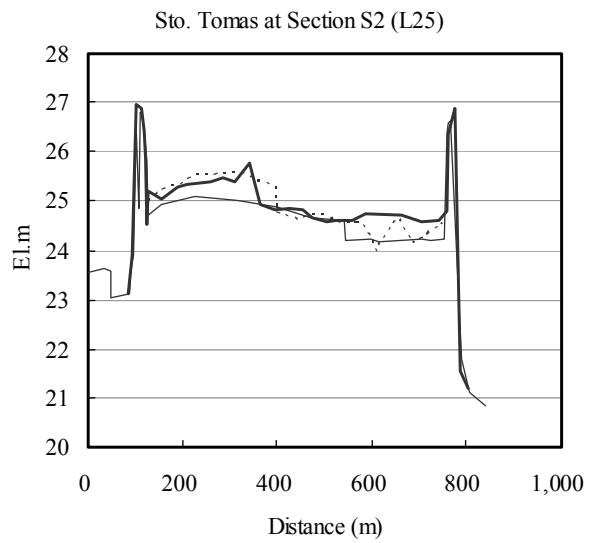
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Figure 4.2.4

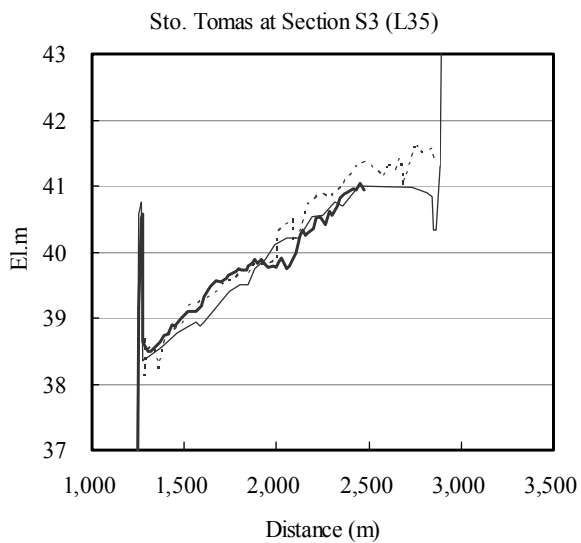
**Location of Seven Monitoring Sections
in the Sto. Tomas River**



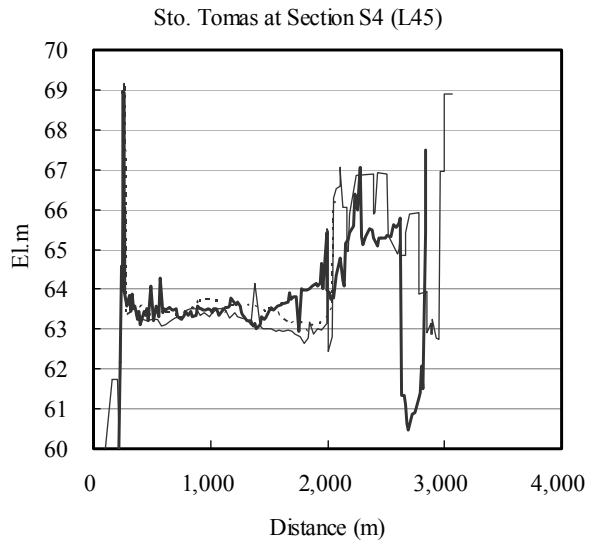
Sec.S1 (0.13 km from Maculcol Bridge: Sto. Tomas)



Sec.S2 (+6.5 km from Maculcol Bridge: Sto. Tomas)



Sec.S3 (+10.0 km from Maculcol Bridge: Sto. Tomas)



Sec.S4 (+15.0 km from Maculcol Bridge: Sto. Tomas)

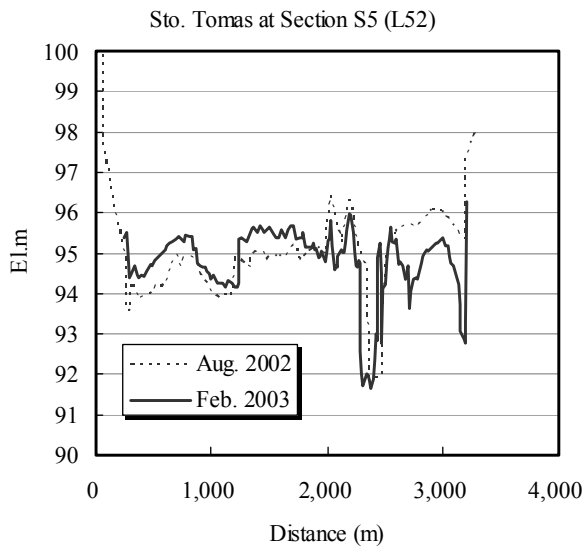
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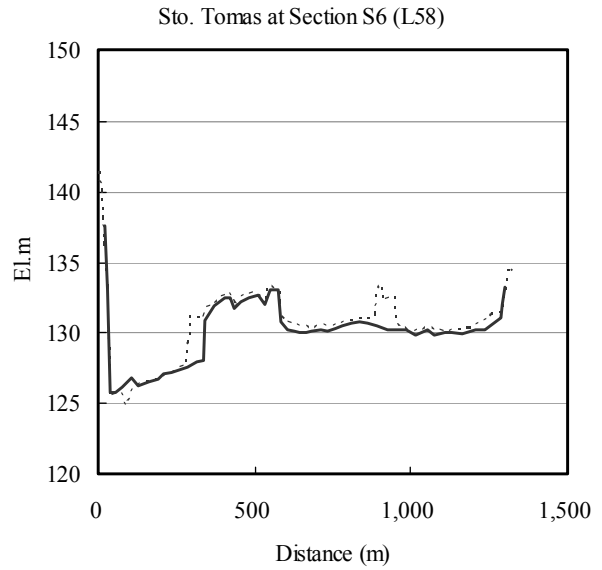
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Figure 4.2.5 (1/2)

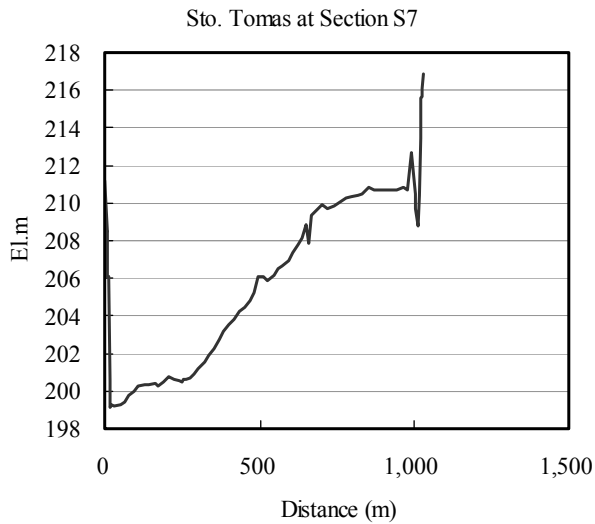
**Monitoring for Riverbed Movement from
July 2002 to February 2003 in the Sto. Tomas
River**



Sec.S5 (+18.5 km from Maculcol Bridge: Sto. Tomas)



Sec.S6 (+21.5 km from Maculcol Bridge: Sto. Tomas)



Sec.S7 (+25.5 km from Maculcol Bridge: Sto. Tomas)

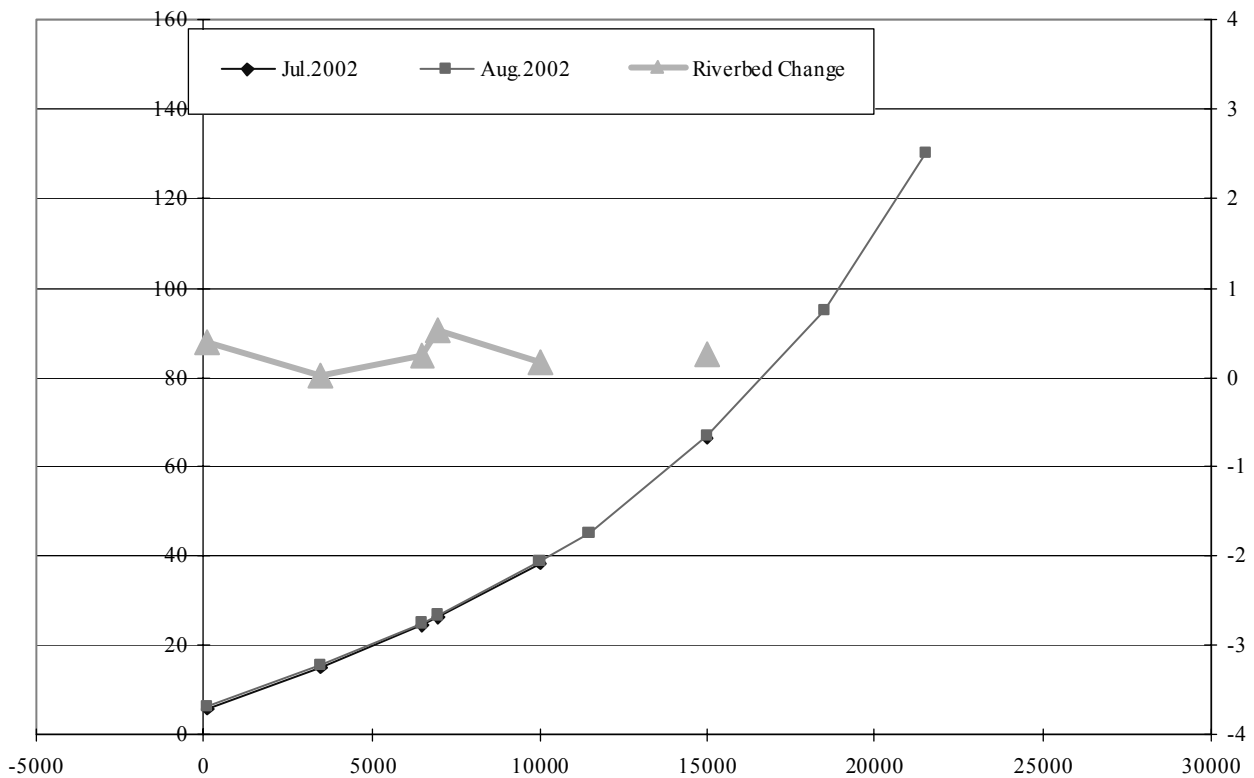
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Figure 4.2.5 (2/2)

**Monitoring for Riverbed Movement from
July 2002 to February 2003 in the Sto. Tomas
River**



Riverbed Movement in the Sto. Tomas River

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Figure 4.2.6

**Profile of Riverbed Movement from July 2002
to August 2002 in the Sto. Tomas River**