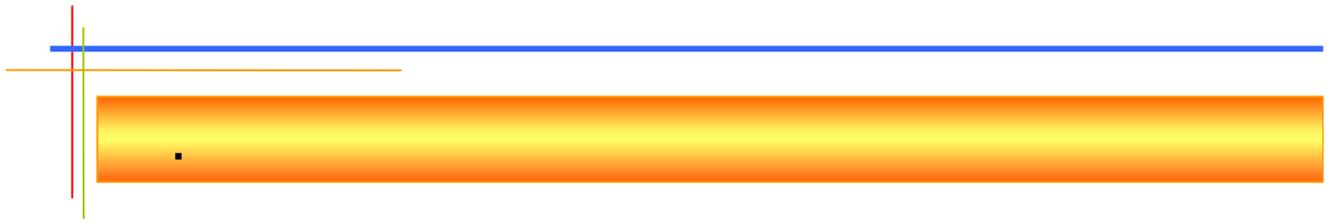


# 능도교 시공 공법





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가

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: 1994 . 12 . 23 ~ 2003 . 5 . 1

: 66,048

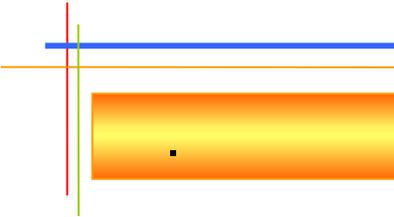
: \* L=2,035M / B=14.5M

\* L=1,205M

\* 3 - L=150M (PSC BEAM )

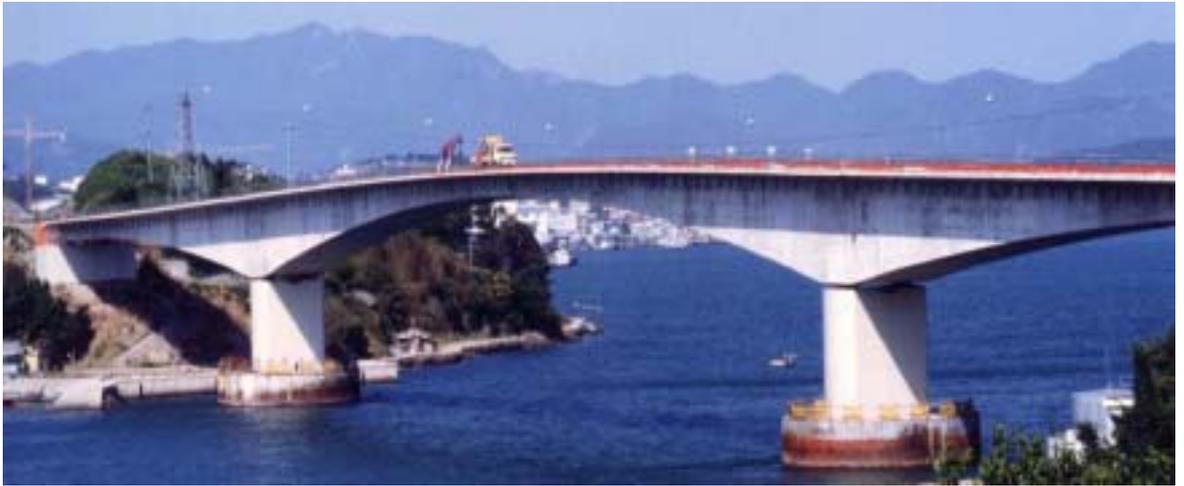
- L=340M ( ST'L ARCH )

- L=340M (P.C BOX GIRDER )



1.

:  
 : : 20M  
 : : 500TON  
 : : 340M  
 : : 265 - 282M  
 : : 15.9M  
 : : 2.5m/sec

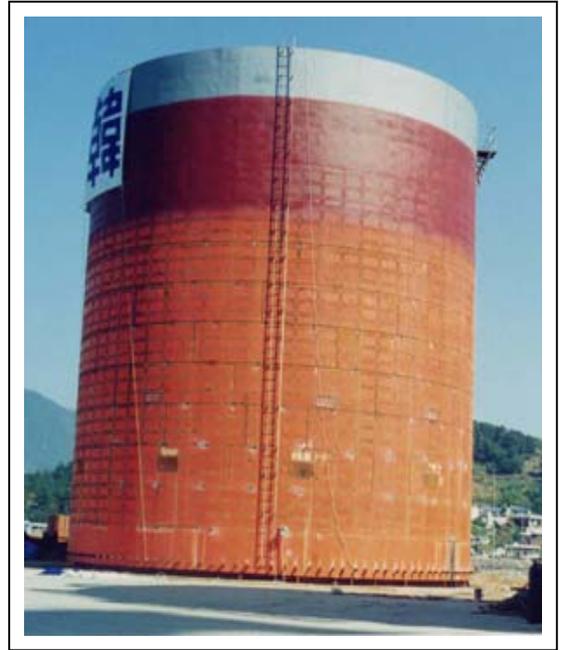
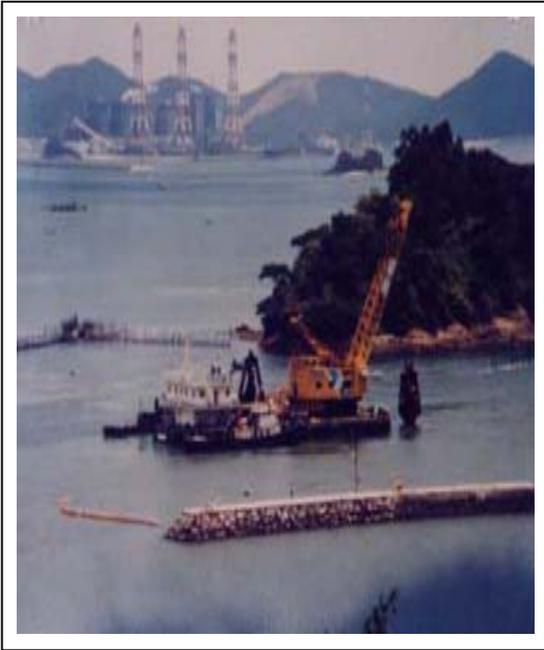


: B=14.5M  
 L=340M (90+160+90)

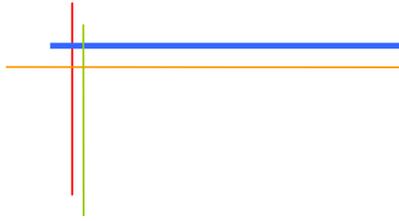
	ST'L CASSION	H=18 - 19M, D=19M	2
	T	B=14.5M, H=10M	2
		10M×6M ×10M	2
	PC BOX GIRDER	B=14.5M, H=2.5 - 9M	-

: : 9,054M<sup>3</sup>, / : 8,074M<sup>3</sup>  
 CON'C : 18,038M<sup>3</sup>, : 2,184TON  
 : 354TON (306,930M)

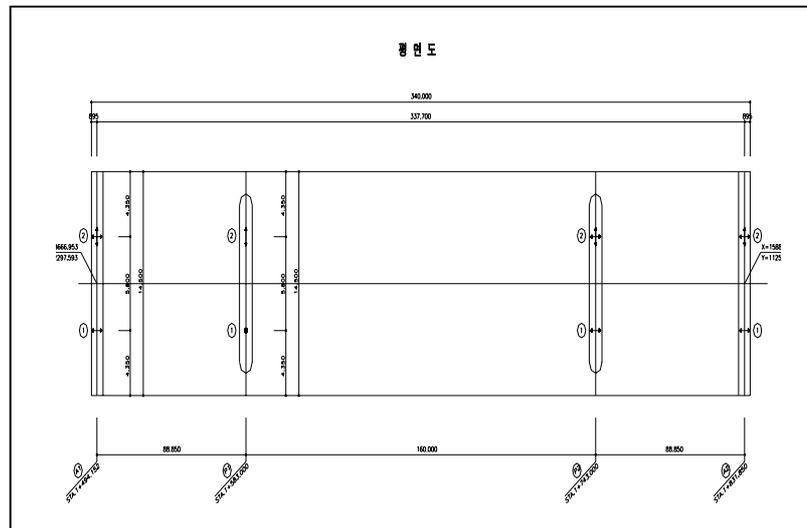
2.



CON'C



COVER CON'C



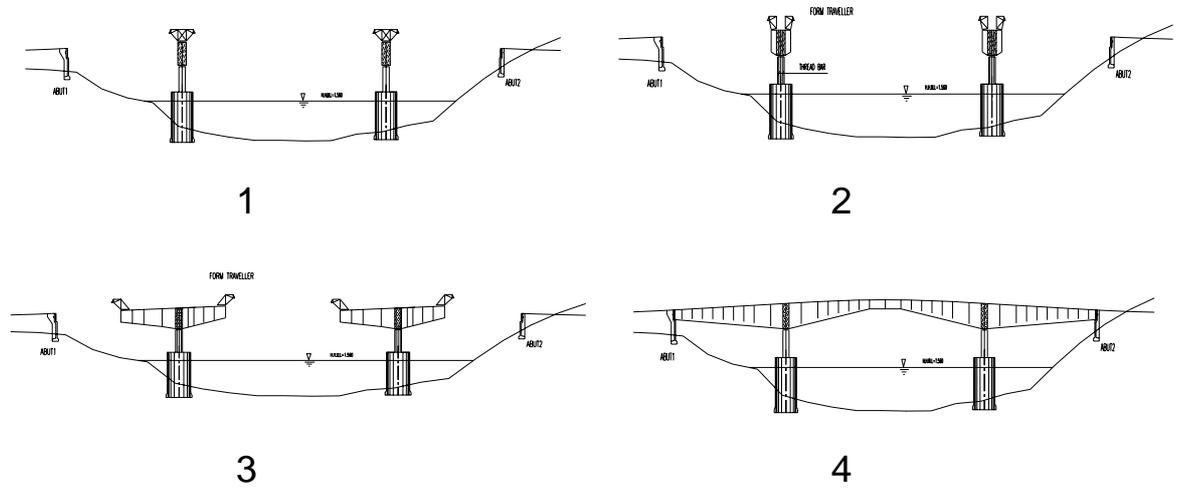
SHOE

3.

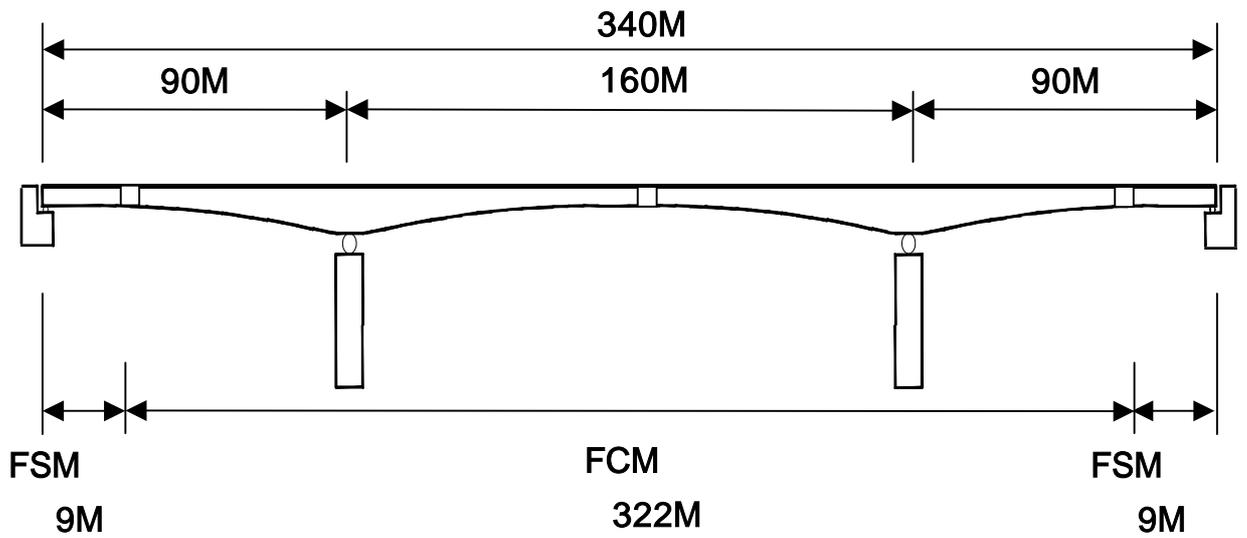
가. FCM

(PIER TABLE)  
segment

Form traveller

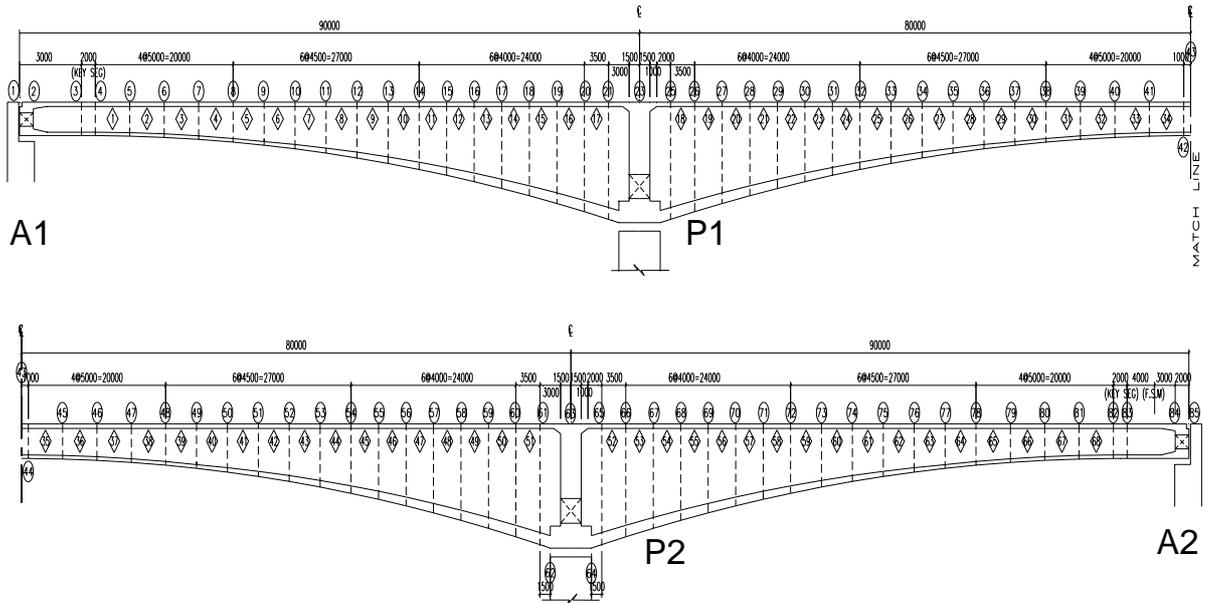


: L=340M (90+160+90)

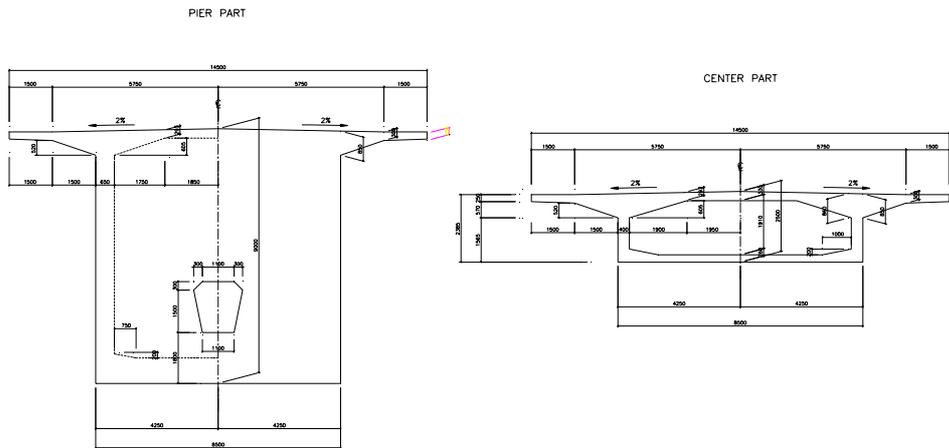


# . Segment

Segment : 68EA (L=4-5M)



B = 14.5M,      B = 8.5M      H=2.4-9M



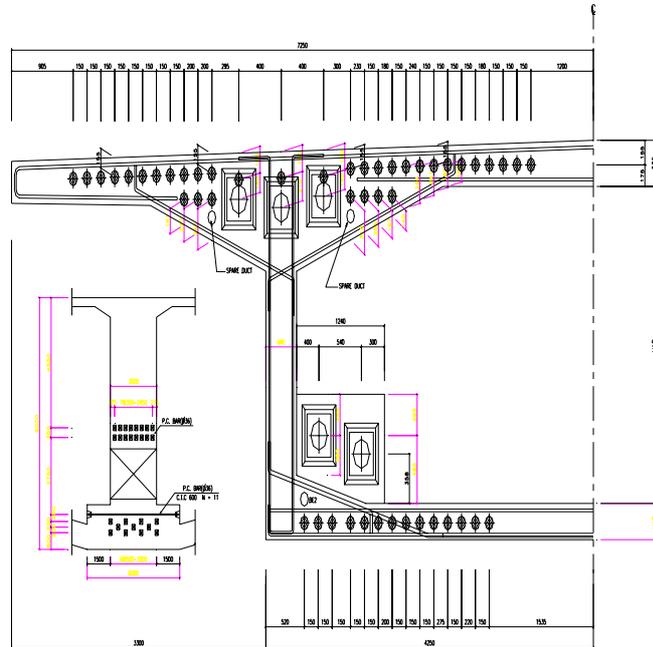


15.2 × 19EA

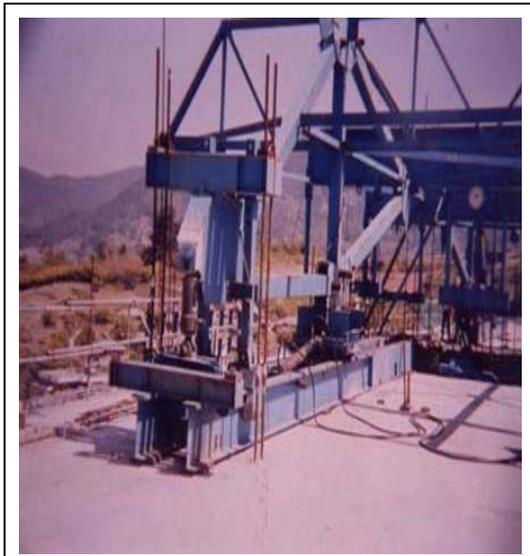
: 74

: 15

: 8



Segment



F/T



FORM SETTING



CON'C



Grouting



Key Segment

FORM SETTING

X-bar

CON' C

(bottom tendon)



X-bar



CON'C



X-bar

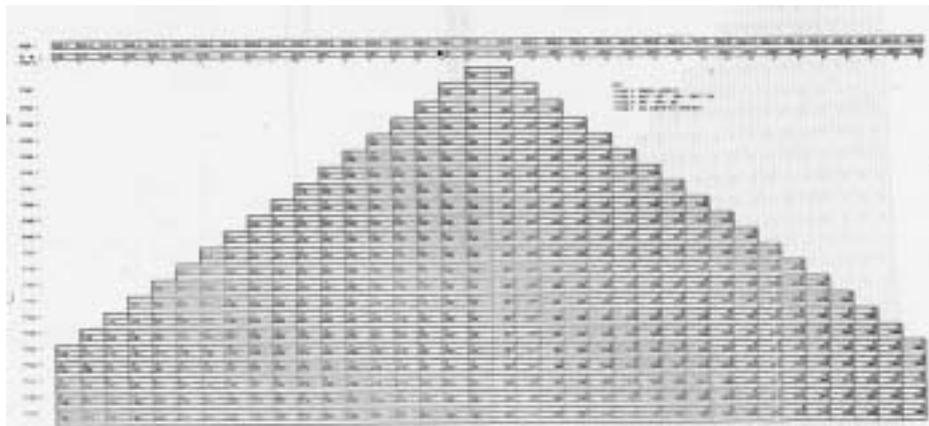
## . Camber

Camber control

Cantilever가

가

(Camber ).



Camber

Camber	Camber
<ul style="list-style-type: none"> <li>- con'c</li> <li>- pre-stress</li> <li>- F/T</li> <li>- con'c                      creep</li> <li>  &amp; shrinkage</li> <li>- Key segment</li> <li>- 가</li> </ul>	<ul style="list-style-type: none"> <li>- Con'c                      F/T</li> <li>-</li> <li>-</li> <li>- 가 SHOE      Nut</li> </ul>



setting EL.

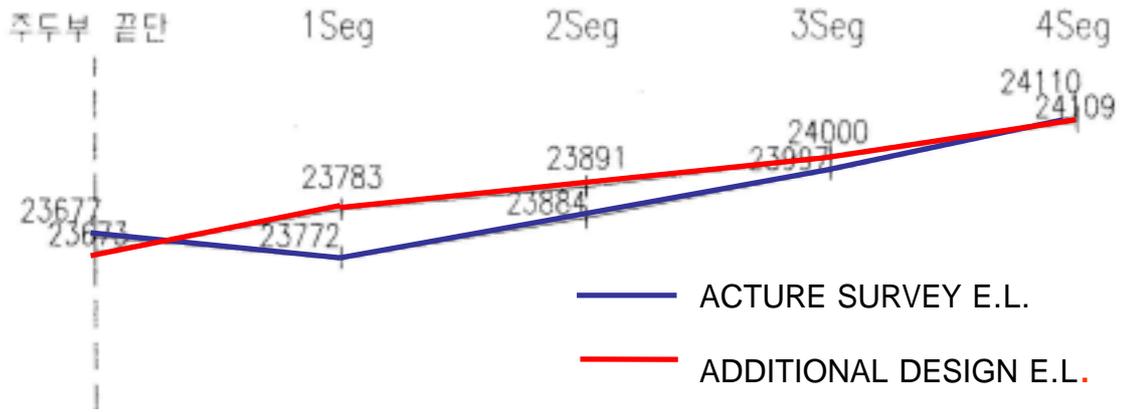


Correction Value

stage design level



segment



: 1seg F/T bolt

: 1seg 3seg

correction value

Camber

Camber

camber

segment

segment ( pier)



4.

가.


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-

: 3

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