

교량명 : 만경강교(PSCB)													
부재의 분류		상부구조		2차부재		기타부재			받침	하부구조		내구성요소	
번호	구조형식	바닥판	거더	격벽	포장	배수	난간/ 바수벽	신축이음	받침	하부	기초	탄산화(상)	탄산화(하)
1	PSCB	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.0		
2	PSCB	0.1	0.4	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
3	PSCB	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
4	PSCB	0.1	0.4	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
5	PSCB	0.1	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
6	PSCB	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
7	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.0		
8	PSCB	0.1	0.4	0.0	0.0	0.1	0.4	0.1	0.2	0.2	0.0		
9	PSCB	0.1	0.4	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
10	PSCB	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
11	PSCB	0.2	0.4	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0	0.1	
12	PSCB	0.2	0.4	0.0	0.0	0.4	0.4	0.1	0.2	0.2	0.0		
13	PSCB	0.2	0.4	0.0	0.0	0.1	0.2	0.1	0.2	0.2	0.0		
14	PSCB	0.2	0.1	0.0	0.0	0.1	0.4	0.1	0.2	0.2	0.0		
15	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.0		
16	PSCB	0.2	0.1	0.0	0.0	0.1	0.2	0.1	0.2	0.4	0.0		
17	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
18	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.0		
19	PSCB	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
20	PSCB	0.1	0.4	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.0		0.1
21	PSCB	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.0		
22	PSCB	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
23	PSCB	0.2	0.1	0.0	0.0	0.1	0.2	0.1	0.2	0.2	0.0		
24	PSCB	0.2	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
25	PSCB	0.2	0.4	0.0	0.0	0.1	0.2	0.1	0.2	0.2	0.0		
26	PSCB	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
27	PSCB	0.2	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.4	0.0		
28	PSCB	0.2	0.1	0.0	0.0	0.1	0.2	0.1	0.2	0.2	0.0		
29	PSCB	0.1	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
30	PSCB	0.2	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
31	PSCB	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0		
32	PSCB	0.1	0.4	0.0	0.0	0.4	0.2	0.1	0.1	0.2	0.0	0.1	
33	PSCB	0.1	0.2	0.0	0.0	0.1	0.2	0.2	0.1	0.2	0.0		
34	PSCB	0.1	0.4	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		0.1
35	PSCB	0.2	0.2	0.0	0.0	0.4	0.2	0.1	0.1	0.2	0.0		
36	PSCB	0.2	0.2	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
37	PSCB	0.2	0.1	0.0	0.0	0.7	0.1	0.1	0.1	0.2	0.0		
38	PSCB	0.1	0.4	0.0	0.0	0.4	0.1	0.1	0.1	0.2	0.0		
39	PSCB	0.1	0.4	0.0	0.0	0.1	0.1	0.1	0.1	0.4	0.0		
40	PSCB	0.2	0.4	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0		
41	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.4	0.1	0.2	0.0		
42	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0		
43	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.0		
44	PSCB	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.0		
45	PSCB	0.2	0.4	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.0		
46	PSCB							0.1	0.1	0.2	0.0		

교량명 : 만경강교(PSCB)													
부재의 분류		상부구조		2차부재		기타부재				하부구조		내구성요소	
번호	구조형식	바닥판	거더	격벽	포장	배수	난간/ 반충벽	신축이음	받침장치	하부	기초	탄산화(상)	탄산화(하)
1	PSCB	a	a	-	-	a	a	a	a	b	q	-	-
2	PSCB	a	c	-	-	a	a	a	b	b	q	-	-
3	PSCB	a	a	-	-	a	a	a	b	b	q	-	-
4	PSCB	a	c	-	-	a	a	a	b	b	q	-	-
5	PSCB	a	b	-	-	a	b	a	a	b	q	-	-
6	PSCB	a	a	-	-	a	b	a	a	b	q	-	-
7	PSCB	b	c	-	-	a	a	a	b	a	q	-	-
8	PSCB	a	c	-	-	a	c	a	b	b	q	-	-
9	PSCB	a	c	-	-	a	b	a	a	b	q	-	-
10	PSCB	b	a	-	-	a	a	a	b	b	q	-	-
11	PSCB	b	c	-	-	a	b	a	a	b	q	a	-
12	PSCB	b	c	-	-	c	c	a	b	b	q	-	-
13	PSCB	b	c	-	-	a	b	a	b	b	q	-	-
14	PSCB	b	a	-	-	a	c	a	b	b	q	-	-
15	PSCB	b	c	-	-	a	a	a	a	b	q	-	-
16	PSCB	b	a	-	-	a	b	a	b	c	q	-	-
17	PSCB	b	c	-	-	a	a	a	b	b	q	-	-
18	PSCB	b	c	-	-	a	a	b	a	b	q	-	-
19	PSCB	b	a	-	-	a	a	a	b	b	q	-	-
20	PSCB	a	c	-	-	a	a	b	a	b	q	-	a
21	PSCB	b	a	-	-	a	a	a	a	b	q	-	-
22	PSCB	b	a	-	-	a	a	a	b	b	q	-	-
23	PSCB	b	a	-	-	a	b	a	b	b	q	-	-
24	PSCB	b	a	-	-	a	b	a	a	b	q	-	-
25	PSCB	b	c	-	-	a	b	a	b	b	q	-	-
26	PSCB	a	a	-	-	a	b	a	a	b	q	-	-
27	PSCB	b	a	-	-	a	b	a	a	c	q	-	-
28	PSCB	b	a	-	-	a	b	a	b	b	q	-	-
29	PSCB	a	b	-	-	a	b	a	a	b	q	-	-
30	PSCB	b	a	-	-	a	b	a	a	b	q	-	-
31	PSCB	a	a	-	-	a	a	a	a	a	q	-	-
32	PSCB	a	c	-	-	c	b	a	a	b	q	a	-
33	PSCB	a	b	-	-	a	b	b	a	b	q	-	-
34	PSCB	a	c	-	-	a	a	a	b	b	q	-	a
35	PSCB	b	b	-	-	c	b	a	a	b	q	-	-
36	PSCB	b	b	-	-	a	a	a	b	b	q	-	-
37	PSCB	b	a	-	-	d	a	a	a	b	q	-	-
38	PSCB	a	c	-	-	c	a	a	a	b	q	-	-
39	PSCB	a	c	-	-	a	a	a	a	c	q	-	-
40	PSCB	b	c	-	-	a	b	a	a	b	q	-	-
41	PSCB	b	c	-	-	a	a	c	a	b	q	-	-
42	PSCB	b	c	-	-	a	a	a	b	b	q	-	-
43	PSCB	b	c	-	-	a	a	a	a	b	q	-	-
44	PSCB	b	a	-	-	a	a	a	a	b	q	-	-
45	PSCB	b	c	-	-	a	a	a	a	b	q	-	-
46	PSCB	-	-	-	-	-	-	a	a	b	q	-	-
평균 가중치 (평균*가중치)/가중치 합		0.162	0.258	0.000	0.000	0.140	0.160	0.113	0.141	0.209	0.000	0.100	0.100
		27.0	23.0	0.0	0.0	3.0	2.0	9.0	9.0	20.0	0.0	4.0	3.0
		0.044	0.059	0.000	0.000	0.004	0.003	0.010	0.013	0.042	0.000	0.004	0.003
1.환산결함도 점수 =													0.182
2.상태평가 결과 =													B

교량명 : 만경강교(RC Arch)													
부재의 분류		상부구조		2차부재		기타부재			받침	하부구조		내구성요소	
번호	구조형식	바닥판	거더	격벽	포장	배수	난간/ 바출벽	신축이음	받침	하부	기초	탄산화(상)	탄산화(하)
1	STP	0.2	0.4	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.0	0.0	0.0
2	STP	0.4	0.1	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0
3	STP	0.2	0.4	0.0	0.0	0.4	0.2	0.2	0.1	0.1	0.0	0.0	0.0
교량명 : 만경강교(RC Arch)													
부재의 분류		상부구조		2차부재		기타부재				하부구조		내구성요소	
번호	구조형식	바닥판	거더	격벽	포장	배수	난간/ 바출벽	신축이음	받침	하부	기초	탄산화(상)	탄산화(하)
1	STP	b	c	-	-	a	b	a	a	b	q	-	-
2	STP	c	a	-	-	a	b	b	a	a	q	-	-
3	STP	b	c	-	-	c	b	b	a	a	q	-	-
평균		0.267	0.300	0.000	0.000	0.200	0.200	0.167	0.100	0.133	0.000	0.000	0.000
가중치		27.0	27.0	0.0	0.0	3.0	2.0	9.0	9.0	23.0	0.0	0.0	0.0
(평균*가중치)/가중치 합		0.072	0.081	0.000	0.000	0.006	0.004	0.015	0.009	0.031	0.000	0.000	0.000
1.환산결함도 점수 =													0.218
2.상태평가 결과 =													B
교량명 : 만경강교(STB)													
부재의 분류		상부구조		2차부재		기타부재			받침	하부구조		내구성요소	
번호	구조형식	바닥판	거더	격벽	포장	배수	난간/ 바출벽	신축이음	받침	하부	기초	탄산화(상)	탄산화(하)
1	STP	0.2	0.2	0.1	0.0	0.1	0.2	0.1	0.1	0.4	0.0	0.0	0.0
3	STP	0.2	0.2	0.1	0.0	0.1	0.2	0.1	0.1	0.2	0.0	0.0	0.0
교량명 : 만경강교(STB)													
부재의 분류		상부구조		2차부재		기타부재				하부구조		내구성요소	
번호	구조형식	바닥판	거더	격벽	포장	배수	난간/ 바출벽	신축이음	받침장치	하부	기초	탄산화(상)	탄산화(하)
1	STP	b	b	a	-	a	b	a	a	c	q	-	-
3	STP	b	b	a	-	a	b	a	a	b	q	-	-
평균		0.200	0.200	0.100	0.000	0.100	0.200	0.100	0.100	0.300	0.000	0.000	0.000
가중치		30.0	19.0	5.0	0.0	3.0	2.0	9.0	9.0	23.0	0.0	0.0	0.0
(평균*가중치)/가중치 합		0.060	0.038	0.005	0.000	0.003	0.004	0.009	0.009	0.069	0.000	0.000	0.000
1.환산결함도 점수 =													0.197
2.상태평가 결과 =													B

만경강교 결과표

개별교량명 :		만경강교				
구분	구조형식	환산 결함도점수	상태평가 결과	연장(m)	연장비	환산결함도 점수 X 연장비
만경강교	PSCB	0.182	B	1,580.0	0.843	0.154
만경강교	RC Arch	0.218	B	195.0	0.104	0.023
만경강교	STP	0.197	B	100.0	0.053	0.010
합계(Σ)				1,875.0	1.000	0.187
<평가자 의견>						
1. 환산결함도 점수 =						0.187
2. 상태평가 결과 =						B