

1단계:라이닝 결함점수 산정

Span No.	시점	종점	span 길이	균 열	누 수	파손 및 손상	재질열화							신축이음	교면포장	퇴적	결함점수 합	결 함 지 수
							박 리	충분리 및 박락	백 태	재료분 리	철근노 출	탄산화	염화물					
1	0k000	0k024	24	0	0	0	1	0	0	0	1	0	0	1	0	0	3	0.07
2	0k024	0k054	30	0	2	2	0	0	0	0	1	0	0	0	0	0	5	0.12
3	0k054	0k084	30	0	2	1	0	0	0	0	0	0	0	0	1	0	4	0.10
4	0k084	0k115	31	0	2	2	0	0	0	0	0	0	0	0	0	0	4	0.10
5	0k115	0k144	29	5	2	2	0	0	0	0	0	0	0	0	0	0	9	0.22
6	0k144	0k171	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
7	0k171	0k204	33	8	2	2	0	0	0	0	0	0	0	0	0	0	12	0.29
8	0k204	0k234	30	5	2	0	0	0	0	0	0	0	0	0	0	0	7	0.17
9	0k234	0k263	29	5	2	2	0	0	0	0	0	0	0	0	0	0	9	0.22
10	0k263	0k285	22	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0.20
11	0k285	0k316	31	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0.12
12	0k316	0k347	31	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0.20
13	0k347	0k376	29	5	0	0	0	0	0	0	1	0	0	0	0	0	6	0.15
14	0k376	0k407	31	5	2	2	0	0	0	0	2	0	0	0	0	0	11	0.27
15	0k407	0k434	27	5	0	2	0	0	0	0	1	0	0	0	0	0	8	0.20
16	0k434	0k462	28	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0.05
17	0k462	0k494	32	5	2	2	0	1	0	0	2	0	0	0	0	0	12	0.29
18	0k494	0k532	38	8	0	0	0	0	0	0	2	0	0	0	2	0	12	0.29
19	0k532	0k562	30	0	0	0	0	0	0	0	1	0	0	0	2	0	3	0.07
20	0k562	0k593	31	0	2	3	0	0	0	0	1	0	0	0	2	0	8	0.20
21	0k593	0k624	31	0	0	1	0	0	0	0	1	0	0	0	2	0	4	0.10
22	0k624	0k652	28	5	0	3	0	0	0	0	2	0	0	0	2	0	12	0.29
23	0k652	0k683	31	5	0	2	0	0	0	0	0	0	0	0	2	0	9	0.22
24	0k683	0k712	29	0	2	2	0	0	0	1	2	0	0	1	2	0	10	0.24
25	0k712	0k742	30	5	2	1	0	0	0	0	1	0	0	1	2	0	12	0.29
26	0k742	0k772	30	0	0	0	0	1	0	0	1	0	0	1	2	0	5	0.12
27	0k772	0k800	28	5	0	0	0	0	0	0	0	0	0	1	2	0	8	0.20
28	0k800	0k822	22	5	2	1	0	0	0	0	1	0	0	0	2	0	11	0.27
29	0k822	0k847	25	5	2	2	0	1	0	0	1	0	0	0	2	0	13	0.32
30	0k847	0k872	25	5	3	3	1	0	0	1	1	0	0	0	2	0	16	0.39
31	0k872	0k897	25	5	3	2	1	0	0	0	0	0	0	0	2	0	13	0.32
32	0k897	0k923	26	5	2	2	1	0	0	0	1	0	0	0	2	0	13	0.32
33	0k923	0k949	26	5	3	2	1	0	0	0	0	0	0	0	2	0	13	0.32
34	0k949	0k974	25	8	3	2	0	0	0	0	1	0	0	0	2	0	16	0.39
35	0k974	0k999	25	5	2	2	0	0	0	0	0	0	0	1	2	0	12	0.29
36	0k999	1k024	25	8	2	2	0	1	0	0	1	0	0	0	2	0	16	0.39
37	1k024	1k053	29	5	3	2	0	0	0	0	1	0	0	0	2	0	13	0.32
38	1k053	1k082	29	5	2	2	0	0	0	0	2	0	0	0	2	0	13	0.32
39	1k082	1k104	22	5	2	2	0	1	0	0	0	0	0	0	2	0	12	0.29
40	1k104	1k128	24	5	3	2	0	1	0	0	1	0	0	0	2	0	14	0.34
41	1k128	1k152	24	0	2	2	0	0	0	1	1	0	0	1	2	0	9	0.22
42	1k152	1k174	22	5	2	3	0	0	0	0	1	0	0	0	2	0	13	0.32
43	1k174	1k199	25	5	2	3	1	0	0	0	3	0	0	0	2	0	16	0.39
44	1k199	1k222	23	0	2	2	0	0	0	0	1	0	0	0	2	0	7	0.17
45	1k222	1k248	26	5	2	3	0	0	0	0	2	0	0	0	2	0	14	0.34
46	1k248	1k273	25	5	2	2	0	0	0	0	3	0	0	0	2	0	14	0.34
47	1k273	1k299	26	8	2	2	0	1	0	0	2	0	0	0	2	0	17	0.41
48	1k299	1k328	29	5	2	3	0	0	1	0	3	0	0	0	2	0	16	0.39
49	1k328	1k349	21	5	2	2	0	0	0	1	1	0	0	0	2	0	13	0.32
50	1k349	1k373	24	5	2	3	0	0	0	0	1	0	0	0	2	0	13	0.32
51	1k373	1k398	25	5	2	2	1	0	0	1	1	0	0	0	2	0	14	0.34
52	1k398	1k421	23	0	2	2	0	0	0	1	1	0	0	0	2	0	8	0.20
53	1k421	1k445	24	0	2	2	0	1	0	0	1	0	0	0	2	0	8	0.20
54	1k445	1k464	19	0	2	2	0	0	0	1	1	0	0	1	2	0	9	0.22
55	1k464	1k490	26	0	0	3	1	1	0	2	1	0	0	1	2	0	11	0.27
56	1k490	1k514	24	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
57	1k514	1k540	26	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
58	1k540	1k570	30	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
59	1k570	1k598	28	7	1	1	0	0	0	1	1	0	0	0	2	0	13	0.32
60	1k598	1k624	26	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
61	1k624	1k650	26	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
62	1k650	1k675	25	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
63	1k675	1k699	24	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
64	1k699	1k728	29	4	1	1	0	0	0	1	0	0	0	0	2	0	9	0.22
65	1k728	1k752	24	4	1	0	0	1	0	1	1	0	0	0	2	0	10	0.24
66	1k752	1k778	26	0	1	1	0	0	0	1	1	0	0	0	2	0	6	0.15

67	1k778	1k801	23	4	1	1	0	0	0	1	1	0	0	0	2	0	10	0.24
68	1k801	1k824	23	4	0	1	0	0	0	1	1	0	0	0	2	0	9	0.22
69	1k824	1k850	26	0	1	1	0	0	0	1	1	0	0	0	2	0	6	0.15
70	1k850	1k880	30	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
71	1k880	1k900	20	0	1	1	0	0	0	1	1	0	0	0	2	0	6	0.15
72	1k900	1k925	25	0	1	1	0	0	0	1	1	0	0	0	2	0	6	0.15
73	1k925	1k950	25	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
74	1k950	1k978	28	10	1	0	0	0	0	1	1	0	0	0	2	0	15	0.37
75	1k978	2k000	22	7	1	1	0	0	0	1	1	0	0	0	2	0	13	0.32
76	2k000	2k032	32	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
77	2k032	2k051	19	0	1	1	0	0	0	1	1	0	0	0	2	0	6	0.15
78	2k051	2k076	25	4	1	1	0	0	0	1	1	0	0	0	2	0	10	0.24
79	2k076	2k104	28	7	1	0	0	0	0	1	1	0	0	0	2	0	12	0.29
80	2k104	2k122	18	7	1	1	0	0	0	1	1	0	0	0	2	0	13	0.32
81	2k122	2k146	24	7	1	0	0	0	0	1	1	0	0	0	2	0	12	0.29
82	2k146	2k171	25	0	1	1	0	1	0	1	1	0	0	0	2	0	7	0.17
83	2k171	2k195	24	7	1	0	0	1	0	1	1	0	0	0	2	0	13	0.32
84	2k195	2k219	24	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
85	2k219	2k245	26	7	1	1	0	0	0	1	1	0	0	0	2	0	13	0.32
86	2k245	2k270	25	7	0	0	0	0	0	1	1	0	0	0	2	0	11	0.27
87	2k270	2k294	24	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
88	2k294	2k318	24	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
89	2k318	2k344	26	7	1	0	0	0	0	1	1	0	0	0	2	0	12	0.29
90	2k344	2k368	24	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
91	2k368	2k394	26	4	1	1	0	1	0	1	1	0	0	0	2	0	11	0.27
92	2k394	2k419	25	4	0	0	0	0	0	1	1	0	0	0	2	0	8	0.20
93	2k419	2k444	25	10	1	0	0	0	0	1	1	0	0	0	2	0	15	0.37
94	2k444	2k469	25	7	1	0	0	0	0	1	1	0	0	0	2	0	12	0.29
95	2k469	2k489	20	0	1	0	0	0	0	1	0	0	0	0	2	0	4	0.10
96	2k489	2k498	9	0	1	0	0	0	0	0	0	0	0	0	2	0	3	0.07
97	2k498	2k523	25	4	1	1	0	0	0	1	1	0	0	0	2	0	10	0.24
98	2k523	2k554	31	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
99	2k554	2k581	27	4	0	0	0	0	0	1	1	0	0	0	2	0	8	0.20
100	2k581	2k606	25	4	0	0	0	0	0	1	1	0	0	0	2	0	8	0.20
101	2k606	2k630	24	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
102	2k630	2k653	23	7	1	1	0	0	0	1	1	0	0	1	2	0	14	0.34
103	2k653	2k684	31	7	1	1	0	0	0	1	0	0	0	1	2	0	13	0.32
104	2k684	2k710	26	0	1	1	0	0	0	1	1	0	0	0	2	0	6	0.15
105	2k710	2k736	26	4	1	1	0	0	0	1	1	0	0	0	2	0	10	0.24
106	2k736	2k760	24	0	0	0	0	0	0	1	1	0	0	0	2	0	4	0.10
107	2k760	2k786	26	4	1	0	0	0	0	1	1	0	0	0	2	0	9	0.22
108	2k786	2k813	27	0	1	0	0	0	0	1	1	0	0	0	2	0	5	0.12
109	2k813	2k837	24	7	1	0	0	0	0	1	1	0	0	0	2	0	12	0.29
110	2k837	2k848	11	10	0	0	0	0	0	0	1	0	0	0	2	0	13	0.32
111	2k848	2k866	18	5	0	0	0	0	0	0	0	0	0	0	2	0	7	0.17
산 술 평 균				3.8	1.2	1.0	0.1	0.1	0.0	0.6	0.9	0.0	0.0	0.1	1.7	0.0	9.5	0.23

2단계:라이닝 상태평가등급 산정

Span No.	시점	중점	span 길이	균 열	누 수	파손 및 손상	재질열화							신축이음	교면포장	퇴적	라이닝등급
							박 리	충분리 및 박락	박 태	재료분 리	철근노출	탄산화	염화물				
1	0k000	0k024	20	a	a	a	c	a	a	a	b	a	a	b	a	a	a
2	0k024	0k054	20	a	c	d	a	a	a	a	b	a	a	a	a	a	a
3	0k054	0k084	30	a	c	c	a	a	a	a	a	a	a	a	b	a	a
4	0k084	0k115	31	a	c	d	a	a	a	a	a	a	a	a	a	a	a
5	0k115	0k144	29	b	c	d	a	a	a	a	a	a	a	a	a	a	b
6	0k144	0k171	27	a	a	a	a	a	a	a	a	a	a	a	a	a	a
7	0k171	0k204	33	c	c	d	a	a	a	a	a	a	a	a	a	a	b
8	0k204	0k234	30	b	c	a	a	a	a	a	a	a	a	a	a	a	b
9	0k234	0k263	29	b	c	d	a	a	a	a	a	a	a	a	a	a	b
10	0k263	0k285	22	c	a	a	a	a	a	a	a	a	a	a	a	a	b
11	0k285	0k316	31	b	a	a	a	a	a	a	a	a	a	a	a	a	a
12	0k316	0k347	31	c	a	a	a	a	a	a	a	a	a	a	a	a	b
13	0k347	0k376	29	b	a	a	a	a	a	a	b	a	a	a	a	a	a
14	0k376	0k407	31	b	c	d	a	a	a	a	c	a	a	a	a	a	b
15	0k407	0k434	27	b	a	d	a	a	a	a	b	a	a	a	a	a	b
16	0k434	0k462	28	a	a	d	a	a	a	a	a	a	a	a	a	a	a
17	0k462	0k494	32	b	c	d	a	c	a	a	c	a	a	a	a	a	b
18	0k494	0k532	38	c	a	a	a	a	a	a	c	a	a	a	c	a	b
19	0k532	0k562	30	a	a	a	a	a	a	a	b	a	a	a	c	a	a
20	0k562	0k593	31	a	c	e	a	a	a	a	b	a	a	a	c	a	b
21	0k593	0k624	31	a	a	c	a	a	a	a	b	a	a	a	c	a	a
22	0k624	0k652	28	b	a	e	a	a	a	a	c	a	a	a	c	a	b
23	0k652	0k683	31	b	a	d	a	a	a	a	a	a	a	a	c	a	b
24	0k683	0k712	29	a	c	d	a	a	a	c	c	a	a	b	c	a	b
25	0k712	0k742	30	b	c	c	a	a	a	a	b	a	a	b	c	a	b
26	0k742	0k772	30	a	a	a	a	c	a	a	b	a	a	b	c	a	a
27	0k772	0k800	28	b	a	a	a	a	a	a	a	a	a	b	c	a	b
28	0k800	0k822	22	b	c	c	a	a	a	a	b	a	a	a	c	a	b
29	0k822	0k847	25	b	c	d	a	c	a	a	b	a	a	a	c	a	c
30	0k847	0k872	25	b	d	e	c	a	a	c	b	a	a	a	c	a	c
31	0k872	0k897	25	b	d	d	c	a	a	a	a	a	a	a	c	a	c
32	0k897	0k923	26	b	c	d	c	a	a	a	b	a	a	a	c	a	c
33	0k923	0k949	26	b	d	d	c	a	a	a	a	a	a	a	c	a	c
34	0k949	0k974	25	c	d	d	a	a	a	a	b	a	a	a	c	a	c
35	0k974	0k999	25	b	c	d	a	a	a	a	a	a	a	b	c	a	b
36	0k999	1k024	25	c	c	d	a	c	a	a	b	a	a	a	c	a	c
37	1k024	1k053	29	b	d	d	a	a	a	a	b	a	a	a	c	a	c
38	1k053	1k082	29	b	c	d	a	a	a	a	c	a	a	a	c	a	c
39	1k082	1k104	22	b	c	d	a	c	a	a	a	a	a	a	c	a	b
40	1k104	1k128	24	b	d	d	a	c	a	a	b	a	a	a	c	a	c
41	1k128	1k152	24	a	c	d	a	a	a	c	b	a	a	b	c	a	b
42	1k152	1k174	22	b	c	e	a	a	a	a	b	a	a	a	c	a	c
43	1k174	1k199	25	b	c	e	c	a	a	a	d	a	a	a	c	a	c
44	1k199	1k222	23	a	c	d	a	a	a	a	b	a	a	a	c	a	b
45	1k222	1k248	26	b	c	e	a	a	a	a	c	a	a	a	c	a	c
46	1k248	1k273	25	b	c	d	a	a	a	a	d	a	a	a	c	a	c
47	1k273	1k299	26	c	c	d	a	c	a	a	c	a	a	a	c	a	c
48	1k299	1k328	29	b	c	e	a	a	c	a	d	a	a	a	c	a	c
49	1k328	1k349	21	b	c	d	a	a	a	c	b	a	a	a	c	a	c
50	1k349	1k373	24	b	c	e	a	a	a	a	b	a	a	a	c	a	c
51	1k373	1k398	20	b	c	d	c	a	a	c	b	a	a	a	c	a	c
52	1k398	1k421	23	a	c	d	a	a	a	c	b	a	a	a	c	a	b
53	1k421	1k445	24	a	c	d	a	c	a	a	b	a	a	a	c	a	b
54	1k445	1k464	19	a	c	d	a	a	a	c	b	a	a	b	c	a	b
55	1k464	1k490	26	a	a	e	c	c	a	b	b	a	a	b	c	a	b
56	1k490	1k514	24	a	b	a	a	a	a	c	b	a	a	a	c	a	a
57	1k514	1k540	26	a	b	a	a	a	a	c	b	a	a	a	c	a	a
58	1k540	1k570	30	a	b	a	a	a	a	c	b	a	a	a	c	a	a
59	1k570	1k598	28	c	b	c	a	a	a	c	b	a	a	a	c	a	c
60	1k598	1k624	26	b	b	a	a	a	a	c	b	a	a	a	c	a	b
61	1k624	1k650	26	b	b	a	a	a	a	c	b	a	a	a	c	a	b
62	1k650	1k675	25	a	b	a	a	a	a	c	b	a	a	a	c	a	a
63	1k675	1k699	24	a	b	a	a	a	a	c	b	a	a	a	c	a	a
64	1k699	1k728	29	b	b	c	a	a	a	c	a	a	a	a	c	a	b
65	1k728	1k752	24	b	b	a	a	c	a	c	b	a	a	a	c	a	b
66	1k752	1k778	26	a	b	c	a	a	a	c	b	a	a	a	c	a	a
67	1k778	1k801	23	b	b	c	a	a	a	c	b	a	a	a	c	a	b
68	1k801	1k824	23	b	a	c	a	a	a	c	b	a	a	a	c	a	b

69	1k824	1k850	26	a	b	c	a	a	a	c	b	a	a	a	c	a	a
70	1k850	1k880	30	a	b	a	a	a	a	c	b	a	a	a	c	a	a
71	1k880	1k900	20	a	b	c	a	a	a	c	b	a	a	a	c	a	a
72	1k900	1k925	25	a	b	c	a	a	a	c	b	a	a	a	c	a	a
73	1k925	1k950	25	a	b	a	a	a	a	c	b	a	a	a	c	a	a
74	1k950	1k978	28	d	b	a	a	a	a	c	b	a	a	a	c	a	c
75	1k978	2k000	22	c	b	c	a	a	a	c	b	a	a	a	c	a	c
76	2k000	2k032	32	a	b	a	a	a	a	c	b	a	a	a	c	a	a
77	2k032	2k051	19	a	b	c	a	a	a	c	b	a	a	a	c	a	a
78	2k051	2k076	25	b	b	c	a	a	a	c	b	a	a	a	c	a	b
79	2k076	2k104	28	c	b	a	a	a	a	c	b	a	a	a	c	a	b
80	2k104	2k122	18	c	b	c	a	a	a	c	b	a	a	a	c	a	c
81	2k122	2k146	24	c	b	a	a	a	a	c	b	a	a	a	c	a	b
82	2k146	2k171	25	a	b	c	a	c	a	c	b	a	a	a	c	a	b
83	2k171	2k195	24	c	b	a	a	c	a	c	b	a	a	a	c	a	c
84	2k195	2k219	24	b	b	a	a	a	a	c	b	a	a	a	c	a	b
85	2k219	2k245	26	c	b	c	a	a	a	c	b	a	a	a	c	a	c
86	2k245	2k270	25	c	a	a	a	a	a	c	b	a	a	a	c	a	b
87	2k270	2k294	24	b	b	a	a	a	a	c	b	a	a	a	c	a	b
88	2k294	2k318	24	b	b	a	a	a	a	c	b	a	a	a	c	a	b
89	2k318	2k344	26	c	b	a	a	a	a	c	b	a	a	a	c	a	b
90	2k344	2k368	24	b	b	a	a	a	a	c	b	a	a	a	c	a	b
91	2k368	2k394	26	b	b	c	a	c	a	c	b	a	a	a	c	a	b
92	2k394	2k419	25	b	a	a	a	a	a	c	b	a	a	a	c	a	b
93	2k419	2k444	25	d	b	a	a	a	a	c	b	a	a	a	c	a	c
94	2k444	2k469	25	c	b	a	a	a	a	c	b	a	a	a	c	a	b
95	2k469	2k489	20	a	b	a	a	a	a	c	a	a	a	a	c	a	a
96	2k489	2k498	9	a	b	a	a	a	a	a	a	a	a	a	c	a	a
97	2k498	2k523	25	b	b	c	a	a	a	c	b	a	a	a	c	a	b
98	2k523	2k554	31	b	b	a	a	a	a	c	b	a	a	a	c	a	b
99	2k554	2k581	27	b	a	a	a	a	a	c	b	a	a	a	c	a	b
100	2k581	2k606	25	b	a	a	a	a	a	c	b	a	a	a	c	a	b
101	2k606	2k630	24	b	b	a	a	a	a	c	b	a	a	a	c	a	b
102	2k630	2k653	23	c	b	c	a	a	a	c	b	a	a	b	c	a	c
103	2k653	2k684	31	c	b	c	a	a	a	c	a	a	a	b	c	a	c
104	2k684	2k710	26	a	b	c	a	a	a	c	b	a	a	a	c	a	a
105	2k710	2k736	20	b	b	c	a	a	a	c	b	a	a	a	c	a	b
106	2k736	2k760	24	a	a	a	a	a	a	c	b	a	a	a	c	a	a
107	2k760	2k786	26	b	b	a	a	a	a	c	b	a	a	a	c	a	b
108	2k786	2k813	27	a	b	a	a	a	a	c	b	a	a	a	c	a	a
109	2k813	2k837	24	c	b	a	a	a	a	c	b	a	a	a	c	a	b
110	2k837	2k848	11	d	a	a	a	a	a	a	b	a	a	a	c	a	c
111	2k848	2k866	18	b	a	a	a	a	a	a	a	a	a	a	c	a	b
산 술 평 균				b	d	d	b	b	b	b	b	a	a	b	d	a	b

3단계:상태평가결과 산정

구분	구조형식	환산결함도점수	상태평가	연장	BOX폭	연장 × BOX폭	연장비	환산결함도점수 × 연장비
1	BOX	0.144	a	263.000	8.000	2104.000	0.042	0.006
2	BOX	0.194	b	509.000	11.800	6006.200	0.119	0.023
3	BOX	0.319	c	356.000	16.300	5802.800	0.115	0.037
4	BOX	0.322	c	245.000	16.800	4116.000	0.082	0.026
5	BOX	0.238	b	91.000	24.800	2256.800	0.045	0.011
6	BOX	0.268	b	26.000	20.200	525.200	0.010	0.003
7	BOX	0.192	b	614.000	21.600	13262.400	0.263	0.050
8	BOX	0.317	c	18.000	20.200	363.600	0.007	0.002
9	BOX	0.261	b	347.000	21.600	7495.200	0.148	0.039
10	BOX	0.098	a	20.000	20.200	404.000	0.008	0.001
11	BOX	0.216	b	359.000	21.600	7754.400	0.154	0.033
12	BOX	0.171	b	18.000	21.400	385.200	0.008	0.001
합계				2866.000		50475.800		0.232