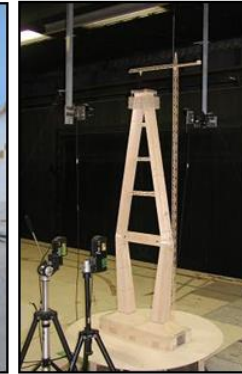
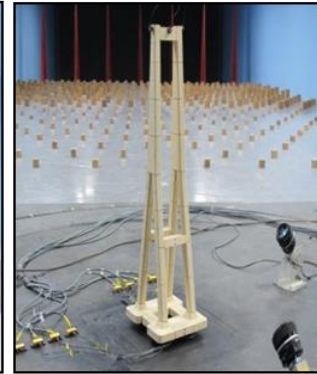
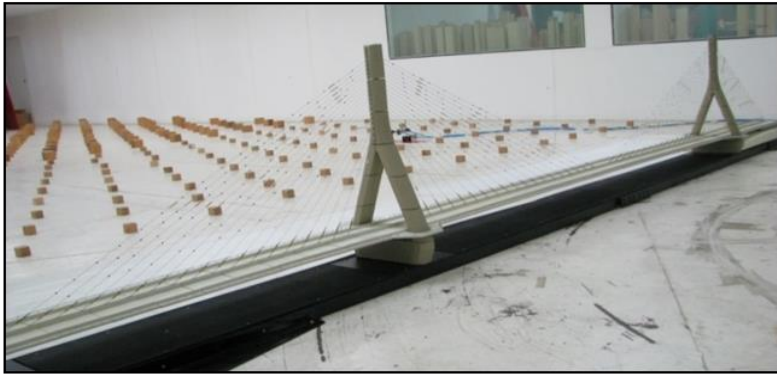


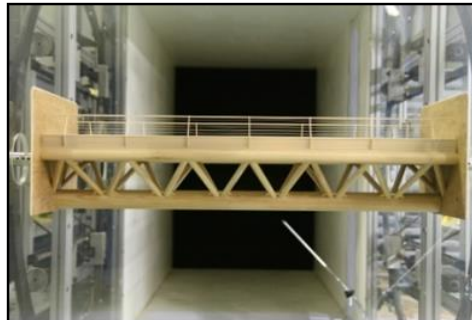
TRACK RECORD OF WIND TUNNEL TEST FOR BRIDGES



Major Projects

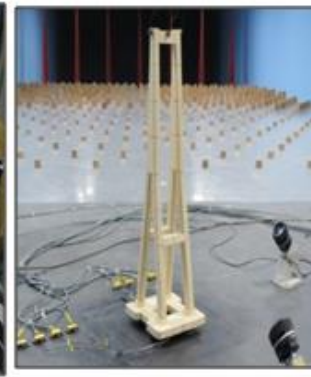


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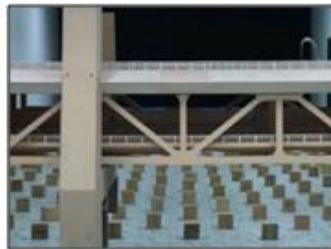


1. New Nile Bridge, Uganda
2. Mersey Gateway Bridge, United Kingdom
3. Chacao Bridge, Chile
4. Incheon Bridge, S. Korea
5. Saetgang Pedestrian Bridge, S. Korea
6. Namhae 2nd Bridge, S. Korea

Major Projects



1. Vam Cong Bridge, Vietnam
2. Geouguem Grand Bridge, S.Korea
3. Chacao Bridge, Chile
4. Incheon Bridge, S. Korea
5. Yeongjong Bridge(Railway), S.Korea
6. Chacao Bridge, Chile
7. Steel Stack with 3 Ducts, Japan



Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
261	Yeongjong 3rd Bridge	560	2024	POSCO E&C	POSCO E&C	WTT: Full bridge model test
260	Mumbai trans harbor link, India	180	2024	Daewoo E&C	JFE Steel Corporation	WTT: Deck section model test (Additional Test)
259	Daegyochoeon Basalt Gorge Footbridge	185	2023	Kyungwon Eng.	Cheorwon-gun Government	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
258	Jangsan-Jara Bridge	270	2023	Yooshin Corp.	Yooshin Corp.	Analysis: Wind climate, Buffeting analysis WTT: Deack section model test, Tower model test, Full bridge model test
257	Yeongjong 3rd Bridge	560	2023	POSCO E&C	POSCO E&C	WTT: Tower model test
256	Sepung Bridge Inspection Rail	220	2023	DL E&C	Suncheon National Highway Administer Office	WTT: Deck section model test
255	Janggye Footbridge	411	2023	Dongsung Engineering	Okcheon-gun Government	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
254	Hwasun-Neungju Footbridge	120	2023	Chunsoo co.	Hwasun-gun Government	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
253	Incheon Bridge	800	2023	Samsung T&C	Incheon Bridge Corp.	WTT: Deck section model test for suicide prevention railing Analysis: Buffeting analysis
252	Phuoc An cable-stayed bridge, Vietnam	250	2023	THANG LOI, BRITEC	PNU7	Analysis: Wind climate WTT: Deack section model test, Full bridge model test
251	Chimney covered by Membrane , Japan	100	2022	Hitachi Zosen	Nichizotech	WTT: Tower aeroelastic model test, Tower force balance test
250	Gwangan Suspension Bridge	500	2022	Daelim Industrial	Busan City Government	WTT: Deck section model test, Hanger section model test
249	Nojasan Garlic Rock Footbridge	207	2022	Shinheung Eng.	Geoje Cable Car	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
248	15MW Wind Turbine Tower with Rotating Blades	120	2022		KEPCO E&C	WTT: Aeroelastic model test, Force balance test
247	Songsan-Sihwa MTV	150	2022	Daelim Industrial	Envico Consultant	WTT: Deck section model test Analysis: Buffeting analysis
246	Rach Mieu 2 cable-stayed bridge, Vietnam	270	2022	PMU	TEDI	WTT: Deck section model test, Tower model test, Full bridge model test
245	Chopyeong Lake Footbridge	309	2022		Jincheon County Government	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
244	Goseong DMZ Footbridge	220	2022		Yongma, Hwashin Engineering	WTT: Deck section model test Analysis: Flutter analysis
243	Mumbai trans harbor link, India	180	2022	Daewoo E&C	JFE Steel Corporation	WTT: Deck section model test (Additional Test)
242	Yeongjong-Cheongna Section 2 (3rd Bridge)	560	2021	POSCO E&C	Pyeonghwa Enigneering	WTT: Tower model test, Full bridge model test
241	Yeongjong-Cheongna Section 1 (3rd Bridge)	280	2021	Hanwha E&C	Bandi Consultant	WTT: Full bridge model test
240	Chogok Yonggul Footbridge	120	2021	Jangan E&C	Samcheok City Government	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
239	Light rail viaduct	200	2021	GS E&C	Korea Railroad Research Institute	WTT: Deck section model test, Full bridge model test Analysis: Buffeting analysis
238	Hwatae-Baekya Sector 2	180	2021	Kolon Global	Dasan Consultants	Analysis: Buffeting analysis, Flutter analysis
237	Shiru Island Footbridge	295	2021	Cablebridge	Dasan Consultants	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
236	Dogyemiin Waterfall Footbridge	346	2021	DS Global	Samcheok City Government	WTT: Deck section model test Analysis: Flutter analysis
235	Gyeongdo Bridge	260	2021	Namyang E&C	Sambo Engineering	WTT: Full bridge model test
234	Mancatian Bridge, Philippines	334	2021		Kyong-Ho Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis
233	Busan Port North Port Movable Bridge	50	2021		Dohwa Engineering	WTT: Deck section model test, Full bridge model test
232	Deulmog Bridge	170	2021	LOTTE E&C	Yooshin Corp.	Analysis: Wind climate, CFD, Buffeting analysis
231	Gugok Waterfall Footbridge	350	2021		Chuncheon City Corporation	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
230	Munsusan Trail	78	2021		Gochang County Government	WTT: Deck section model test, Tower model test Analysis: Vibration performance analysis
229	Yeongjong-Cheongna (3rd Bridge) Section 2	560	2021	POSCO E&C	Pyeonghwa Enigneering	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis
228	Yeongjong-Cheongna (3rd Bridge) Section 1	280	2021	Hanwha E&C	Bandi Consultant	WTT: Deck section model test Analysis: CFD, Buffeting analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
227	Yonggang Footbridge	113	2021	Jangan E&C	Mungyeong City Government	WTT: Deck section model test Analysis: Buffeting analysis, Flutter analysis
226	Silleuksa Footbridge	305	2021	DS Global	Yeosu City Government	WTT: Deck section model test (Additional Test)
225	Aphae-Hwawon cable-stayed and arch bridge	290	2021	Daewoo E&C	Daewoo E&C	WTT: Tower model test, Full bridge model test
224	Gyeongdo Bridge	260	2021	Namyang E&C	Sambo Engineering	WTT: Deck section model test Analysis: Wind climate, Buffeting analysis
223	Hwatae-Baekya Sector 1	910	2021	POSCO E&C	Yooshin Corp.	WTT: Full bridge model test
222	R&D on Distribution line	50	2020		KEPCO	WTT: Cable section model test Analysis: Buffeting analysis
221	R&D on Soundproof Tunnel	N.A	2020		University of Transportation	WTT: Force Balance Test
220	Catwalk Gust Analysis, Canakkale Bridge, Turkey	2,023	2020	DLSY JV	Kwansoo	Analysis: Gust analysis
219	Bung-eo island Footbridge	240	2020	Cable Tech.	Imsil County Government	WTT: Deck section model test, Full bridge model test
218	Cheonsa Suspension Bridge	650	2020	Daelim Industrial	Jeongjin power	WTT: Deck section model test
217	Cheonsa Cable Stayed Bridge	510	2020	Daewoo E&C	Jeongjin power	WTT: Deck section model test
216	Aerodynamic Stability Analysis & Wind Tunnel Test of Pullback Strand, Canakkale Bridge, Turkey	2,023	2020	DLSY JV	Kwansoo	WTT: Section model test Analysis: Galloping analysis
215	Sangmu-ryong Footbridge	290	2020	Korea SE	Korea Industrial Development	WTT: Deck section model test Analysis: Flutter analysis
214	Yongbongsan Footbridge	302	2020	Korea SE	Hongseong County Government	WTT: Deck section model test Analysis: Flutter analysis
213	Baegot Cable Stayed Bridge	125	2020	Hyundai Engineering	Dong Myeong Engineering	WTT: Deck section model test Analysis: Buffeting analysis
212	Madong-Hakrim Footbridge	180	2020	Seyeonsa E&C	Tongyeong city Government	WTT: Deck section model test, Full bridge model test

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
211	Hwatae-Baekya Sector 2	300	2020	Kumkwang E&C	Korea Engineering Consultant Corp.	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis
210	Hwatae-Baekya Sector 1	910	2020	POSCO E&C	Yooshin Corp.	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis
209	Eomgung Bridge, Tender Design	280	2020	Hyundai E&C	Yooshin Corp.	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis
208	Yeongjong-Sindo, Tender Design	170	2020	Daelim E&C	Yooshin Corp.	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis
207	Bohyeonsan Dam Footbridge	350	2020	DS Global	Yeongcheon City Government	WTT: Deck section model test Analysis: Flutter analysis
206	Andong lake Footbridge	576	2020	DS Global	Sambo Engineering	WTT: Deck section model test, Tower model test Analysis: Buffeting analysis, Flutter analysis
205	Pyunghwa Bridge (Munsan-Dorasan), Detail design	360	2020	LOTTE E&C	Yooshin Corp., Dasan Consultant	WTT: Deck section model test, Full bridge model test
204	Yeongjong 3rd Bridge, Detail design	520	2019		Yooshin Corp.	WTT: Deck section model test, Full bridge model test Analysis: Buffeting analysis
203	Pyunghwa Bridge (Munsan-Dorasan), Tender Design	410	2019	Samsung C&T	Pyunghwa Engineering	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis, Cable vibration analysis
202	Sinreuksa Footbridge	305	2019	DS Global	Yeoju City Government	WTT: Deck section model test Analysis: Flutter analysis
201	Unildam-Banilam Footbridge	220	2019	DS Global	Jung Engineering, DS Global	WTT: Deck section model test Analysis: Flutter analysis
200	Parallel Bridge, Japan (R&D)	200	2019	N.A	JFE Steel Corporation	WTT: Deck section model test
199	Nanji Island Bridge	95	2019		KECC Corp.	Analysis: CFD analysis
198	Myanmar-Korea Friendship(Dala) Bridge (Modified Design)	370	2019	GS E&C	Soosung, Dohwa, Jinwoo JV	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis, Cable vibration analysis
197	My Thuan 2 Bridge, Vietnam	350	2019		TEDI	WTT: Deck section model test, Tower model test, Full bridge model test
196	Guy Cable, Japan		2019		Shinko Wire Company	WTT: Cable wind tunnel test

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
195	Canakkale Bridge, Turkey	2,023	2019	DLSY JV	DLSY JV	WTT: Tower panel lifting test, Tower panel static wind load test Analysis: Tower CFD Analysis
194	Mumbai trans harbor link, India	180	2018	Daewoo E&C	JFE Steel Corporation	WTT: Deck section model test
193	Canakkale Bridge, Turkey	2,023	2018	DLSY JV	Envico	WTT: Catwalk wind tunnel test Analysis: Catwalk buffeting anlysis, Catwalk parametric analysis
192	Songsan-Sihwa MTV	150	2018	Daelim Ind.	Envico Consultant	Analysis: Wind climate analysis, CFD analysis, Cable vibration analysis
191	Songsan-Sihwa MTV	200	2018	SK E&C	Sambo Engineering	WTT: Deck section model test, Tower model test Analysis: Wind climate, Buffeting analysis, Cable vibration analysis
190	Machang Bridge	400	2018	Hyundai E&C	Machang Bridge corp	WTT: Deck section model test
189	Yedang Reservoir Foot Bridge	201	2017	Woonjin construction	Korea Rural Community Corporation Yesan Branch	WTT: Deck section model test Analysis: Flutter analysis
188	Halim-Sanglim Motorway (Hwapo Brigde)	260	2017	Samsung C&T	Samsung C&T	WTT: Deck section model test, Full bridge model test Analysis: Wind climate analysis, CFD analysis
187	Ungcheon-Soho Bridge	125	2017		KECC Corp.	Analysis: Wind climate analysis, CFD analysis, Buffeting analysis, Cable vibration analysis
186	Guemgang Foot Bridge	120	2017	POSCO E&C	DM Engineering	WTT: Deck section model test
185	Guembit Noeul Bridge	175	2017	Hyundai E&C	Yooshin Corp.	Analysis: Wind climate analysis, CFD analysis
184	Canakkale Bridge, Turkey	2,023	2017	DLSY JV	DLSY JV	WTT: Preliminary Deck section model test
183	Myanmar-Korea Friendship(Dala) Bridge	320	2017	GS E&C	Joint Venture of Soosung-Dohwa-Jinwoo	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Wind climate analysis, CFD analysis, Buffeting analysis, Cable vibration analysis
182	Hoeamcheon Bridge	200	2017	Taeyoung E&C	Taeyoung E&C	WTT: Deck section model test, Full bridge model test Analysis: CFD analysis, Buffeting analysis
181	Yeongjong 3rd Bridge (Basic design)	520	2017		Dasan Consultants	WTT: Deck section model test
180	Canakkale Bridge, Turkey	2,023	2016	DLSY JV	Pyunghwa Engineering	Analysis: Wind climate analysis, CFD analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
179	Hantangang Echovalley Footbridge	189	2016		Cheorwon-gun Government	WTT: Section model test, Full bridge model test
178	Temburong Bridge, Brunei	260	2016	Daelim Ind.	Daelim Ind.	WTT: Full bridge model test Analysis: Buffeting Analysis
177	Sound proof tunnel	N.A	2016		Ifem	WTT: Static wind load test
176	Magok Hospital Louver	N.A	2015		Ega Group	WTT: Static wind load test
175	Expressway Chamber-type rest area	54	2015		Junglim Architecture	WTT: Deck section model test
174	Taiwan Danjiang Bridge (tender design)	450	2015	Twain MOTC	Pyunghwa Engineering	WTT: Deck section model test
173	Matsuura power plant chimney, japan	N.A	2015	Hitachi Zosen	Nichizotech	WTT: Tower aeroelastic model test, Tower wind load test
172	Youngam-Haenam T/K	150	2015	Hanyang E&C	Pyunghwa Engineering	WTT: Deck section model test Analysis: CFD analysis, Cable vibration analysis
171	Youngam-Haenam T/K	183	2015	POSCO E&C	Cowi korea	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Flutter analysis
170	Chacao Bridge, Chile	1,155	2014	Hyundai & OAS	Hyundai & OAS	WTT: Section model test(deck, tower), Wind shield test, Tower model test, Topographic model wind tunnel test, Full bridge model test
169	R&D on Galloping of Power Transmission Line	N.A	2014		KEPCO	WTT: Transmission line wind load test, Large-amplitude dynamic test Analysis: Galloping analysis
168	Saryang-Sanghado Pedestrian Bridge	280	2014	KDC	KDC	Analysis: Buffeting analysis
167	Yeonhwado-Udo Pedestrian Bridge	170	2014	Sammi-E&C	Tongyeong city Government	WTT: Deck section model test, Full bridge model test
166	Anheung-Naehang Pedestrian Bridge	110	2014		Korea Engineering Consultant Corp.	WTT: Deck section model test
165	Baeksajanghang Pedestrian Bridge	100	2014	Hanshin E&C	Taeon-gun Government	Analysis: Cable vibration analysis, Stockbridge damper analysis
164	Temburong Bridge, Brunei	260	2014	Daelim Ind.	Brunei Government	WTT: Deck section model test
163	Pusan Yongdo Connecting Bridge	N.A	2013		SA Ltd.	WTT: Wind pressure test for sound proof wall

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
162	Sungai Bridge, Brunei	300	2013	Daelim Ind.	Daelim Ind. Industrial	WTT: Deck section model test, Full bridge model test Analysis: Wind climate analysis, CFD analysis, Buffeting analysis
161	Three Co-stayed Steel Chimney, Japan	N.A	2013	Hitachi Zosen	Nichizotech	WTT: Tower aeroelastic model test, Tower force balance test
160	Chimney covered by 3 Membrane , Japan	N.A	2013	Hitachi Zosen	Nichizotech	WTT: Tower aeroelastic model test, Tower force balance test
159	Mersey Gateway Bridge Link, England	318	2013	Samsung JV	Samsung JV	WTT: Section model test(deck, tower), Wind shield test, Tower model test
158	Geogeum 2 nd Bridge-Geumbit Bridge	480	2012	Hyundai E&C	Spec Engineering	Analysis: CFD analysis
157	Sandaldo bridge	280	2012	LOTTE E&C	Pyeonghwa Engineering	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis, Cable vibration analysis
156	Vam Cong Bridge, Vietnam	450	2012	GS E&C	Dasan JV	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Wind climate, Buffeting analysis, Cable vibration analysis
155	2nd Namhae Bridge	920	2012	GS E&C	GS E&C	WTT: Deck section model test
154	Yeonggwang-Haeje Bridge	220	2012	Samwhan Corp.	KECC Corp.	WTT: Deck section model test Analysis: CFD, Buffeting analysis, Cable vibration analysis
153	Yeongwang-Haeje Bridge	150	2012	Daelim Ind.	Dongho Corp.	WTT: Deck section model test Analysis: CFD, Buffeting analysis, Cable vibration analysis
152	Mtkvari Bridge, Georgia	120	2012		Pyunghwa Engineering	Analysis: Wind climate analysis
151	Ulsan Bridge, Construction engineering	1,110	2011	Hyundai E&C	Yooshin Corp.	WTT: Tower model tests, Catwalk WTT, Hanger WTT Analysis: Wind climate analysis, Buffeting analysis(Tower, Catwalk)
150	Hwayang-Jeokgeum Sector 3	200	2011	HDC	Yooshin Corp.	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: CFD, Buffeting analysis, Flutter analysis
149	Hwayang-Jeokgeum Sector 2	710	2011	Samsung C&T	Pyunghwa Engineering	WTT: Deck section model test Analysis: CFD, Buffeting analysis, Cable vibration analysis
148	Hwayang-Jeokgeum Sector 2	515	2011	SK E&C	Yongma Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: CFD, Buffeting analysis
147	Hwayang-Jeokgeum Sector 2	750	2011	GS E&C	Jinwoo Engineering	WTT: Deck section model test
146	Dolsan 2 nd Bridge(Woodoo-Jonghwa)	230	2011	Daelim Ind.	Daelim Ind.	Analysis: Cable vibration analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
145	Anjwa-Jara Bridge	200	2011	KDC	Pyunghwa Engineering	WTT: Deck section model test Analysis: Wind climate, CFD, Buffeting analysis, Cable vibration analysis
144	Anjwa-Jara Bridge	255	2011	Kumho E&C	Yooshin Corp.	WTT: Deck section model test, Full bridge model tests Analysis: CFD, Buffeting analysis
143	Seohae Railway Sector 5	170	2011	SK E&C	Pyunghwa Engineering	WTT: Deck section model test, Tower model test Analysis: CFD, Cable vibration analysis
142	Busan outer highway Nakdong Bridge	170	2011	Hyundai E&C	CTC	Analysis: CFD analysis
141	Busan outer highway Sector 8	210	2011	GS E&C	DM Engineering	WTT: Deck section model test Analysis: CFD, Buffeting analysis, Cable vibration analysis
140	Dangsan-Yeoui Pedestrian Bridge	90	2011		Soktop Engineering	Analysis: CFD analysis
139	Daedeok Technovalley	175	2011		CTC	Analysis: CFD analysis
138	Daedeok Technovalley	130	2011		Seoyeong Engineering	Analysis: CFD analysis
137	Gangmun Pedestrian Bridge, Gangneung	89	2011		Beomjin E&C	WTT: Deck section model test
136	New Nile Bridge	290	2011	Zenitaka Corp.	Oriental Consultants	WTT: Deck section model test, Full bridge model tests Analysis: CFD analysis
135	3rd Bosphorus Bridge (tender design)	1,074	2011	POSCO E&C	Pyunghwa Engineering	Analysis: Wind climate analysis, CFD analysis
134	Sunda Strait Bridge (tender design)	3,300	2011		Pyunghwa Engineering	Analysis: Wind climate analysis
133	Hybrid cable stayed bridge (R&D)	800	2010		DM Engineering	WTT: Deck section model test
132	Stack WTT, Japan	N.A	2010	Hitachi Zosen	Nichizotech	WTT: Section model test, Aeroelastic model test, Heat diffusion test, Visualization test
131	Boryeong-Taeon Sector 2	240	2010	Kolon Corp.	Sambo Engineering	WTT: Full bridge model test
130	New Millennium bridge Sector 1 (Aphae-Amtae)	500	2010	Daewoo E&C	Daewoo E&C	WTT: Full bridge model test
129	East-West island Bridge	220	2010	Namyong E&C	KECC Corp.	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
128	East-West island Bridge	285	2010	Namyang E&C	Pyunghwa Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis
127	East-West island Bridge	240	2010	Korea Development	Shinsung Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis
126	Izmit Bay Bridge (tender design)	1,555	2010	Hyundai E&C	Pyunghwa Engineering	WTT: Tower section model test
125	Baekseok Bridge	205	2010	GS E&C	Dasan Consultant	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
124	An Gol Bridge	140	2010	Gyeryong Const.	Sambo Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
123	Hau-Shinui Bridge	280	2010	Namyang E&C	Yooshin Corp.	WTT: Deck section model test Analysis: Wind climate analysis, CFD analysis
122	Hau-Shinui Bridge	300	2010	Namyong E&C	KECC Corp.	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis
121	Shinji-Gogeum Bridge	220	2010	Kolon Corp.	Yooshin Corp.	WTT: Deck section model test, Full bridge model tests Analysis: Buffeting analysis
120	Shinji-Gogeum Bridge	200	2010	Lotte E&C	Pyunghwa Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis
119	Geumgang 4 th Bridge	240	2010	SK E&C	Sambo Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis
118	Honam Express Railway 4-2 Sector	130	2010	SK E&C	Cheongseok Engineering	WTT: Deck section model test Analysis: CFD analysis
117	Poseung-Pyeongtaek Railway Bridge	100	2010	Keangnam Corp.	Taejo Engineering	Analysis: CFD analysis, Cable vibration analysis
116	Development of Wind-Resistant Deck Section (R&D)	1,111	2009	Samsung C&T	Samsung C&T	WTT: Deck section model test, Tower section model test
115	Bitgaram Bridge, Naju	225	2009	Hyundai E&C	Jeil Engineering	Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis
114	Peongtaek Bridge Youngin- Cheongbuk	160	2009	SK E&C	Pyunghwa Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis, Cable vibration analysis
113	Peongtaek Bridge Youngin- Cheongbuk	150	2009	Samsung T&C	DM Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
112	Peongtaek Bridge Youngin- Cheongbuk	175	2009	GS E&C	Sambo Engineering	WTT: Deck section model test Analysis: CFD analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
111	Ulsan Bridge Detail Design	1,110	2009	Hyundai E&C	Yooshin Corp.	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis, Flutter analysis
110	Saryang-Sangha island Bridge	280	2009	Korea Development	Shinsung Engineering	WTT: Deck section model test Analysis: CFD analysis
109	Saryang-Sangha island Bridge	180	2009	Samhwan Corp.	KECC Corp.	WTT: Deck section model test Analysis: CFD analysis
108	Saryang-Sangha island Bridge	265	2009	Samsung Heavy Industry	Seoyeong Engineering	WTT: Deck section model test Analysis: CFD analysis
107	New Millennium bridge Sector 1 (Aphae-Amtae)	500	2009	GS E&C	Sambo Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis
106	New Millennium bridge Sector 1 (Aphae-Amtae)	1,004	2009	Hyundai E&C	Pyunghwa Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
105	New Millennium bridge Sector 1 (Aphae-Amtae)	1,111	2009	Samsung T&C	Yooshin Corp.	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis
104	Gyeongnam Innocity Bridge	210	2009	Samboo	Taejo Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
103	Gyeongnam Innocity Bridge	184	2009	Doosan E&C	Saman Corp.	WTT: Deck section model test, Tower model test Analysis: CFD analysis, Buffeting analysis
102	Jeokseong Bridge(Jeokseong-Jeongok)	400	2009	Lotte E&C	Yooshin Corp.	WTT: Full bridge model test
101	Ulleungdo Pedestrian Bridge	120	2009		Yooshin Corp.	WTT: Deck section model test
100	Namhae 2 nd Bridge	520	2009	Hyundai E&C	Yooshin Corp.	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
99	Namhae 2 nd Bridge	520	2009	Samsung T&C	Seoyeong Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis
98	Namhae 2 nd Bridge	920	2009	GS E&C	Jinwoo Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis
97	Boryeong-Taeon Sector 2	240	2009	Kolon Corp.	Sambo Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
96	Boryeong-Taeon Sector 2	230	2009	Korea Development	Cheongseok Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
95	Boryeong-Taeon Sector 1	1,200	2009	GS E&C	Pyunghwa Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
94	Boryeong-Taeon Sector 1	1,009	2009	SK E&C	Gunhwa Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Buffeting analysis
93	Yeouido Saetgang Pedestrian Bridge	110	2009	Samhyub	Samhyub	WTT: Deck section model test
92	Jeokseong Bridge(Jeokseong-Jeongok)	385	2009	Kolon Corp.	Pyunghwa Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
91	Jeokseong Bridge(Jeokseong-Jeongok)	400	2009	Lotte E&C	Yooshin Corp.	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
90	Gogunsan Islands Sector 2	330	2008	Samsung T&C	Yooshin Corp.	WTT: Deck section model test Analysis: Wind climate analysis, Buffeting analysis
89	88 Highway Bridge Sector 12	178	2008	Hyundai E&C	Cheongseok Engineering	WTT: Deck section model test, Wind shield test Analysis: Buffeting analysis
88	Ulsan Bridge Design Development	1,110	2008	Hyundai E&C	Yooshin Corp.	WTT: Deck section model test Analysis: Buffeting analysis
87	Gogunsan Islands Sector 3 Design Development	31	2008		Suseong Engineering	WTT: Deck section model test
86	Highway separator screen	N.A	2008		Kwandong Univ.	WTT: Screen wind load test
85	Traffic Sign	N.A	2008		Hongik Engineering	WTT: Traffic sign section model test, Traffic sign aerodynamic model test
84	Chilsan Bridge (Hongnong-Baeksu)	320	2007	Namyeong E&C	Yooshin Corp.	WTT: Deck section model test, Full bridge model test Analysis: Buffeting analysis
83	Yeongdo Bridge, Busan	31	2007	Lotte E&C	Lotte E&C	WTT: Wind load test on a bascule bridge
82	Geumho River Bridge. Daegu	130	2007	KCC E&C	Dalin E&C	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
81	Geumho River Bridge. Daegu	164	2007	Kolon Corp.	Suseong Engineering	WTT: Deck section model test Analysis: CFD analysis, Buffeting analysis
80	Gunjang Bridge	180	2007	Samhwan Corp.	Yongma Engineering	WTT: Deck section model test Analysis: CFD analysis
79	Cheongna City Sector 5	430	2007	POSCO E&C	Core Engineering	Analysis: CFD Analysis
78	Machang Bridge	400	2007	Hyundai E&C	Hyundai E&C	Analysis: Buffeting Analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
77	Andong Detour(Gyori-Susang)	150	2006	Samsung T&C	Jeil Engineering	WTT: Deck section model test Analysis: CFD analysis
76	Yeosu Industrial Region Sector 3	1,350	2006	Daelim Ind.	Daelim Ind.	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: Wind climate analysis, CFD analysis
75	Yeosu Industrial Region Sector 3	1,100	2006	Samsung T&C	Seoyeong Engineering	WTT: Deck section model test, Tower model test, Full bridge model test Analysis: CFD analysis
74	Yeosu Industrial Region Sector 1	420	2006	Hanjin Heavy Industry	Jeil Engineering	WTT: Deck section model test, Tower model test Analysis: CFD analysis
73	Yeosu Industrial Region Sector 4	60	2006	POSCO E&C	KCI	Analysis: CFD Analysis
72	Yeosu Industrial Region Sector 4	60	2006		Sambo Engineering	Analysis: CFD Analysis
71	Busan New Harbor 2 nd motorway	55	2006	Ssangyong E&C	Ssangyong E&C	Analysis: CFD Analysis
70	Yeongdeok-Osan Sector 2	120	2006	Keangnam	Taejo Engineering	Analysis: CFD Analysis
69	Yeongdeok-Osan Sector 1	115	2006	POSCO E&C	Saman	Analysis: CFD Analysis
68	Yeongdeok-Osan Sector 1	85	2006	Taeyoung E&C	KCI	Analysis: CFD Analysis
67	Injoo Industrial Motorway	120	2006	Kyeryong Const.	Dongil Engineering	Analysis: CFD Analysis
66	Injoo Industrial Motorway	95	2006	Kyeryong Const.	CTC	Analysis: CFD Analysis
65	Buhang Dam Motorway	120	2006	Hyundai E&C	Saman Engineering	Analysis: CFD, Cable vibration analysis
64	Jeonju stream Bridge(Yongjeong-Yongjin)	115	2006	Dongbu Corp.	Yooshin Corp.	Analysis: CFD, Cable vibration analysis
63	Unnam Brdige-Gwangno 7	153	2006	Namyang E&C	Yooshin Corp.	WTT: Deck section model test Analysis: CFD analysis
62	Unnam Brdige-Gwangno 7	120	2006	Kumkwang Corp.	Dongbu Engineering	Analysis: CFD Analysis
61	Sepoong Brdige(Sepoong-Junggun)	220	2006	Daelim Ind.	Daelim Ind.	WTT: Deck section model test, Tower model test Analysis: CFD analysis, Cable vibration analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
60	Halim-Sanglim Motorway	165	2006	Dongbu Corp.	KCI	WTT: Deck section model test Analysis: CFD analysis, Cable vibration analysis
59	Halim-Sanglim Motorway	260	2006	Samsung T&C	Seoyoung Engineering	WTT: Deck section model test, Full bridge model tests Analysis: CFD, Cable vibration analysis
58	Namhae 2 nd Bridge (Schematic Design)	520	2006		Donga Eng.+Gunhwa Eng.	WTT: Deck section model test Analysis: CFD analysis
57	Namchang Brdige	113	2005	Kumkwang Corp.	Yooshin Corp.	WTT: Deck section model test Analysis: Wind climate analysis, Cable vibration analysis
56	Songdo seaside way	90	2005	Daewoo E&C	Dongsung Engineering	Analysis: Wind climate analysis, CFD analysis
55	Songdo seaside way	75	2005	Samsung T&C	Seoyoung Engineering	Analysis: Wind climate analysis, CFD analysis
54	Jinjoo-Gwangyang Railway Bridge Sector 2	65	2005	Korea Development	Seoyoung Engineering	Analysis: CFD Analysis
53	Gwangyang Harbor Pedestrian Bridge	67	2005	Hyundai E&C	Woodae Engineering	Analysis: Wind climate analysis, CFD analysis
52	Gwangyang Harbor Railway Bridge Sector 6	70	2005	SK E&C	Suseong Engineering	Analysis: CFD Analysis
51	Seongnam-Yeaju Railway Bridge Sector 6	100	2005	Samsung T&C	RPS	Analysis: CFD Analysis
50	Seongnam-Yeaju Railway Bridge Sector 8	80	2005	Dongbu Corp.	Dongsung Engineering	Analysis: Wind climate analysis, CFD analysis
49	2 nd Bridge Sector 5	140	2005	POSCO E&C	Suseong Engineering	Analysis: Wind climate analysis, Cable vibration analysis
48	2 nd Bridge Sector 5	150	2005	Doosan E&C	Cheongseok Engineering	Analysis: CFD Analysis
47	2 nd Bridge Sector 4	115	2005	SK E&C	Gunhwa Engineering	Analysis: CFD Analysis
46	Dolsan 2 nd Bridge(Woodu-Jonghwa)	230	2005	Daelim Ind.	Daelim Ind.	WTT: Deck section model test Analysis: CFD analysis
45	Bubal, Yoolcheon Bridge (Seongnam-Yeaju Railway)	90	2005	Dongbu Corp.	Dongsung Engineering	Analysis: Wind climate analysis, CFD analysis
44	Gulpocheon Floodway Sector 2	N.A	2005	GS E&C	Dongsung Engineering	Analysis: CFD Analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
43	Incheon Grand Bridge	800	2005	Samsung T&C	Samsung T&C	WTT: Section model test (Deck, Tower), Tower model test, Full bridge model test Analysis: Buffeting/Flutter/Cable analysis, Vehicle safety assessment
42	Eunpa Pedestrian Bridge (Geumodo-ando)	200	2005	Dongbu Corp.	Yongma Engineering	WTT: Deck section model test Analysis: CFD, Cable vibration analysis
41	Eunpa Pedestrian Bridge	60	2004		Yooshin Corp.	WTT: Deck section model test
40	Highway Wind/Snow resistant wall	N.A	2004		Korea Expressway Corp.	WTT: Snowfall wind tunnel test Analysis: Topologic CFD analysis, Snowfall CFD analysis
39	Highway VMS	N.A	2004		Korea Expressway Corp.	WTT: Wind load test (VMS, Traffic signs)
38	Cheongpung Bridge	327	2004	Daelim Ind.	Envico Consultant	WTT: Deck section model test, Tower model test, Full bridge model test
37	Bukhang Bridge	540	2004	Hyundai Development	Yooshin Corp.	WTT: Deck section model test, Tower model test, Full bridge model test
36	Tangeum Bridge	140	2004		Boram Engineering	WTT: Deck section model test Analysis: CFD, Cable vibration analysis
35	Geumodo-ando Brdige	200	2004		Yongma Engineering	WTT: Deck section model test
34	Geumodo-ando Brdige	200	2004		Gunhwa Engineering	WTT: Deck section model test
33	Chorak Bridge	130	2004	Dongbu Corp.	Suseong Engineering	WTT: Deck section model test Analysis: CFD, Cable vibration analysis
32	Chorak Bridge	130	2004	Gyeryong Const.	Yooshin Corp.	WTT: Deck section model test Analysis: CFD, Cable vibration analysis
31	Saokdo-Jeungdo Bridge	180	2004	Hanjn Heavy Industry	Yooshin Corp.	WTT: Deck section model test Analysis: CFD analysis
30	Mooyoung Bridge (Cheongho-Samho)	115	2004	Hyundai E&C	Yooshin Corp.	Analysis: CFD, Cable vibration analysis
29	Youngam Bridge (Hwawon-Sampo)	65	2004	Daewoo E&C	RPS	Analysis: CFD Analysis
28	Youngam Bridge (Hwawon-Sampo)	65	2004	Dongbu Corp.	Dongsung Engineering	WTT: Acoustic wall panel wind load test Analysis: Acoustic wall panel CFD analysis

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
27	Sunchang-Unam Bridge	130	2004	Ssangyong E&C	Cheongseok Engineering	WTT: Deck section model test Analysis: CFD analysis
26	Incheon Bridge Schematic Design	700	2004	Hyundai E&C	B&S	WTT: Deck section model test Analysis: CFD analysis
25	Incheon Bridge Schematic Design	700	2004	Samsung T&C	Samsung T&C	WTT: Deck section model test Analysis: CFD analysis
24	Machang Bridge	400	2003	Hyundai E&C	Hyundae Engineering	WTT: Deck section model test, Tower model test, Full bridge model test
23	Gyeongju-Gampo	100	2003		Yooshin Corp.	WTT: Deck section model test Analysis: CFD analysis
22	Dolsan-Hwataeyeon Bridge	520	2003	Samsung T&C	Seoyeong Engineering	WTT: Deck section model test, Tower model test, Full bridge model test
21	Dolsan-Hwataeyeon Bridge	500	2003	Hanjn Heavy Industry	Yooshin Corp.	WTT: Deck section model test, Tower model test, Full bridge model test
20	Jeokgeum-Youngnam Bridge	850	2003	Daelim Ind.	Yooshin Corp.	WTT: Deck section model test, Tower model test, Full bridge model test
19	Mokpo Bridge (Goha-Jukgyo)	550	2003	Hyundai E&C	Hyundai Engineering	WTT: Deck section model test, Tower model test, Full bridge model test
18	Mokpo Bridge (Goha-Jukgyo)	840	2003	Daelim Ind.	Daelim Ind.	WTT: Deck section model test, Tower model test, Full bridge model test
17	Cheongpoong Bridge	200	2003		Saman Engineering	WTT: Deck section model test, Tower model test
16	Oksoon Bridge	130	2003		Saman Engineering	WTT: Hanger section model test
15	Noksan Bridge-Busan New Harbor	120	2002	Hyundai E&C	Yooshin Corp.	WTT: Deck section model test, Tower model test
14	Wando Bridge	170	2002	Daelim Ind.	Dasan E&C	WTT: Deck section model test, Tower model test, Full bridge model test
13	Jukjeon Elevated road	N.A	2002	Hyundai E&C	Hyundai E&C	WTT: Acoustic wall panel wind load test
12	Yeondong Highway wind resistant wall	N.A	2002		Korea Expressway Corp.	WTT: Wind shield wind load test
11	Seongsan 2 nd Bridge(Olympic Bridge)	225	2002		WEIK	WTT: Deck section model test, Tower model test, Full bridge model test

Ref.	Project	Main Span(m)	Year	Constructor/Engineering	Contract Partner	Test / Analysis
10	Wando-Shinjido Bridge	160	2002	Doosan E&C	Doosan E&C	WTT: Deck section model test
9	Yeongjong Railway Bridge	300	2002		Hyundai E&C	WTT: Deck section model, Wind tunnel test on railway vehicles
8	Sacheon Bridge	130	2002	Samsung Heavy Industry	Samsung Heavy Industry	WTT: Deck section model test
7	Geogum 2 nd Bridge-Geumbit Bridge	480	2002	Hyundai E&C	Hyundai Engineering	WTT: Deck section model test, Tower model test, Full bridge model test
6	Geumga Bridge	145	2002	Hyundai E&C	Daehan Consultant	WTT: Deck section model test Analysis: CFD analysis
5	Yongsan-Dongmyun Bridge	N.A	2001		KTIC	Analysis: CFD Analysis
4	Jeodo Bridge	182	2001	Samboo	Gunhwa Engineering	WTT: Deck section model test Analysis: CFD analysis
3	Gyeongang Bridge	130	2001	Hyundai E&C	Dongil Engineering	WTT: Deck section model test Analysis: CFD analysis
2	Gulpo Bridge	170	2001	Hyundai E&C	Dasan Engineering	Analysis: CFD Analysis
1	Gangseo Bridge	90	2001		Cheongseok Engineering	Analysis: CFD Analysis