

REFERENCE LIST

MOVABLE SCAFFOLDING SYSTEM (MSS) For Cast-In-Situ Bridges

Update: October 2020

Country/ Bridge Project	Client	Length	Width	Main Features	Delivery
KOREA					
New Millennium Grand Bridge	Daewoo Engineering and Construction	Approx. 2km	12.5m	One(1) Overhead MSS. Single box section. Max. span 60m. Hydraulic Sliding External Formwork. Internal Formwork Rolling Wagon.	2013
Busan Yongdo Railway	MSS #1 SK Engineering and Construction (Korea)	Approx. 1.2km	18.7m - 22.1m	One(1) Overhead MSS, P.C.T Girder (Steel structure, Casting bottom slab) Max. span 80m, Min. hor. radius 347m.	2012
Busan Yongdo Railway	MSS #2 Kumho Industrial (Korea)	Approx. 1.0km	18.7m - 22.1m	One(1) Overhead MSS, P.C.T Girder (Steel structure, Casting bottom slab) Max. span 80m, Min. hor. radius 347m.	2012
Sum Jin Bridge	CABLETEK / Hyundai Engineering & Construction	Approx. 1.3km	12m	One(1) Underlane MSS. P.S.C Girder Double T Girder, Max. span 50m. Min. hor. Radius 1050m	2012-13
Gunjang Bridge	Ejung C&D Co, Ltd. / SAMSUNG C&T Engg. and Construction Group, Korea	Approx. 1.2km	20.9m	One(1) Overhead MSS. Single box section with strut. Max. span 60m. Hydraulic Sliding External Formwork. Internal Formwork Rolling wagon.	2011
Cha-San Bridge	Daewoo Construction and Engineering - Korea	900m	25m	One(1) Underlane MSS, Single box section with strut. Max. span 65m. Internal formwork Rolling Wagon.	2008-09
Jeonju & Kwangyang N0.13	Wheesun Construction, Korea	Approx. 1.5km	12.6m	One(1) Overhead Double T MSS, Max. span 50m	2007-08
Jeonju & Kwangyang Bridge	Jinsung Construction, Korea	Approx. 1.5km	12.6m	Two(2) Overhead Double T Overhead MSS Max. span length 50m.	2007
Owoncheon Bridge	CCL -Korea	Approx. 700m	12m	One(1) Double T MSS Underlane. Max span length 50m.	2007
So Yang Bridge	E Jung C&D Construction	Approx. 1.1km	21m	One(1) Overhead MSS. Single box section with strut. Max. span 60m. Hydraulic Sliding External Formwork. Internal Formwork Rolling Wagon	2007
Gusungpu & HongChun	Jinsung Construction Co. Ltd	Approx. 3km	13.6m	Two(2) Overhead MSS, Double-T Beam (P.S.C Girder) Max. span 50m.	2006
Nam-Chun	VSL-Korea	Approx. 345m	14m	One(1) MSS for double span box section.	2003
Ky-Dong	CCL-Korea	Approx. 450m		One(1) Underlane MSS for Double T cross section	2003

REFERENCE LIST

MOVABLE SCAFFOLDING SYSTEM (MSS) For Cast-In-Situ Bridges

Update: October 2020

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High Speed Railway Seoul - Pusan	VSL Korea, Ltd. Seoul	Approx. 100km	14m	Three(3) Underlane MSS. Single box section. All span 40m.	1999
High Speed Railway Seoul - Pusan	Dae-Woo Ind. Co. Ltd. •	Approx. 100km	14m	Three(3) Overhead 2-span MSS. Many railway bridges. Single box section. All span 25m	1994
High Speed Railway Seoul - Pusan	Sun-Kyong Ind. Co. Ltd.,	Approx. 100km	14m	Four(4) Underlane MSS. Many railway bridges. Single box section. All span 40m	1994
High Speed Railway Seoul - Pusan	Lee Stronghold Co. Ltd.	Approx. 100km	14m	Two(2) Underlane 2-span MSS. Many railway bridges. Single box section. All span 40m	1994
High Speed Railway Seoul - Pusan	Hyundai Precision & Ind. Co. Ltd. Seoul/Pusan	Approx. 100km	14m	Five(5) Underlane MSS. Many railway bridges. Single box section. All span 40m	1993
High Speed Railway Seoul - Pusan	Hanjin Heavy Industries Co. Ltd. Seoul/Pusan	Approx. 100km	14m	Two(2) Underlane MSS. Many railway bridges. Single box section. All span 40m	1992
UNITED KINGDOM					
ENGLAND					
Mersey Gateway Cable Bridge	Kier, Samsung Engineering & Construction, FCC SA Spain Joint Venture (MCCJV UK)	2.3km	Total Max. Width, 36.285m Width Cast by MSS, 18.655m	One(1) Underlane MSS MSS No.2 for South Approach Viaduct Max. span, 70m, Single box section with concrete internal ribs and external transverse ribs/struts Min. hor. radius 679m Deck height: 4.406m ~ 4.60m	2016
Mersey Gateway Cable Bridge	Kier, Samsung Engineering & Construction, FCC SA Spain Joint Venture MCCJV UK	2.3km	Total Max. Width, 36.285m Width Cast by MSS, 18.655m	One(1) Underlane MSS MSS No.1 for North Approach Viaduct Max. span, 70m, Single box section with concrete internal ribs and external transverse ribs/struts Min. hor. radius 679m Deck height: 4.406m ~ 4.60m	2015
CHINA					
Han River Bridge	NRS Jiangsu	3.5km	15.75m	Two(2) Underlane Self Launching MSS (UL-SL-MSS) for double box girder bridge. Max. casting span 50m+10m	2010
XiaShen and WuGuang Railway Line	NRS Jiangsu		12.20 & 12.60m	One(1) Underlane Self Launching MSS (UL-SL-MSS) Bridge Pier c/c dist.: 24.60 & 32.60 m. Superstructure : P.C. Box-Girder. Width of superstructure: 12.20 & 12.60 m. Depth of Box-Girder : 2.5 m. Avg. Weight of Superstructure : 24 t/m.	2009

REFERENCE LIST

MOVABLE SCAFFOLDING SYSTEM (MSS) For Cast-In-Situ Bridges

Update: October 2020

Country/ Bridge Project	Client	Length	Width	Main Features	Delivery
CHINA					
Jinghu Bridge,	NRS Jiangsu		13.40m	One(1) Underlane Self Launching MSS (UL-SL-MSS) Bridge Pier c/c dist.: 24.60 and 32.60 m. Superstructure : P.C. Box-Girder Width of superstructure : 13.40 m. Depth of Box-Girder : 2.50 m. Avg. Weight of Superstructure : 26 t/m.	2008
Four Bridges, Modification of Wenfu & WuGuang MSS	NRS Jiangsu		12m	Underlane SL-MSS (UL-SL-MSS) Bridge Pier c/c dist.: 24.60 & 32.60 m. Superstructure : P.C. Box-Girder. Width of superstructure : 12.00 m., Depth of Box-Girder : 2.50 m., Avg. Weight of Superstructure : 23 t/m.	2008
ChongMing Island Bridge	No. 24th Bureau of Ministry of Railway	2.5km	16m	Two(2) Underlane Self Launching MSS (UL-SL-MSS), Max. span 50m.	2007
ShenZhen-GuangZhou Line	No. 12th Bureau of Ministry of Railway	10krm	13m	Two(2) Underlane MSS, Max. span 32m.	2007
WuHan-GuangZhou Railway Line	No. 12th Bureau of Ministry of Railway	10krm	13m	Six(6) Underlane Self Launching MSS. (UL-SL-MSS, Max.. Span 32m	2006
WuHan-GuangZhou Railway Line	No. 12th Bureau of Ministry of Railway	10krm	13m	Four(4) Underlane Self Launching MSS (UL-SL-MSS), Max.. Span 32m	2006
Zhenzhou-XiAn Railway Line	No. 12th Bureau of Ministry of Railway	6km	13m	Two(2) Underlane Self Launching MSS (UL-SL-MSS), Max.. Span 32m	2006
Wenzhou-Fuzhou Railway Line	No.12th Bureau of Ministry of Railway	3km	13m	Two(2) Underlane Self Launching MSS (UL-SL-MSS), Max. span 32m.	2006
Tianxingzhou Bridge	No.12th Bureau of Ministry of Railway	7km	13.4m	Two(2) Underlane Self Launching MSS (UL-SL-MSS), Max. span 40m.	2005
Hangzhou Wan Bridge	Zhejiang Road and Bridge	Approx. 40krm	15.8m	Two(2) Underlane Self Launching MSS (UL-SL-MSS), Max. span 50m.	2004-05
Sutong Bridge	2nd Highway	Approx. 18krm	16.4m	Two(2) Underlane Self Launching MSS (UL-SL-MSS), Max. span 50m.	2004-05
Sutong Bridge	2nd Navigation	Approx. 18krm		One(1) Underlane Self Launching MSS (UL-SL-MSS), Max. span 50m.	2004
Dong Hai Bridge	Shanghai Tunneling Engineering Corp	Approx. 30krm	15.25m	Two(2) Underlane MSS, Max.. span 50 m, 2 Internal formwork Rolling Wagons	2003
Haihe-Bridge	1st Municipal Highway Eng. Company	330m	18.0m	One(1) Overhead MSS, 55m cont. spans, Internal formwork Rolling Wagon	2001

REFERENCE LIST

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Update: October 2020

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CHINA					
Beng Bu Bridge	Guangxi Highway & Bridge Engineering	Approx. 1.0km	11.0m	Two(2) Underlane MSS. Single box section. Max. span 40m. 2 Internal formwork Rolling Wagons.	2000
2nd Nanjing Crossing, Nancha Bridge - Nanjing	Hunan HNBB	2,3km	15.4m - 16.9m	Two(2) Underlane MSS. Single box section. Max. span 55m. 2 Internal formwork Rolling Wagons.	1999
NORWAY					
Minnekiva Railway Bridge	PNC Norge AS Norway	Approx. 836m	14.32m	One(1) Overhead Self Launching MSS U-section. Max. span 42.5m	2020
E6 Halogalandsbrua-Viadukter	NCC Construction AS, Norway	Approx. 550m	15.4m	One(1) Overhead MSS Single box section. Max. span 67m.	2013
Kvisti Suspension Bridge, Oslo	Eeg-Henriksen Anlegg A/S, Oslo	600m		One(1) Overhead MSS for Viaducts. Single box section. Max. span 35m.	1994
Askoy Suspension Bridge, Bergen	Public Roads Administration Hordaland	1.057km		One(1) Underlane MSS. Viaduct near City of Bergen. Main Span 850m. MSS max span. 42m. Single box section.	1991
Menstad Bridge, Skien	Public Roads Administration Telemark	433m		One(1) Underlane MSS Bridge in pre-stressed concrete. Totally 9 spans, the longest span 60m. 3 foundations in sea, the rest on land. Approx. 3000 m steel pipes 700 mm for foundations. 5.200 m ³ concrete, 800 tons reinforcement steel and 7.500 m tension cables. Single box section.	1991
Bolsoya Bridge, Molde	Aker Group, Oslo	250m		One(1) Underlane MSS Concrete girder bridge, span 40 m. Near the city of Molde. Single box section.	1990
Storeklubben Viaduct, Bergen	Public Roads Administration Hordaland	300m		One(1) Underlane MSS 2 ramps as access to the Askoy Bridge, near the city of Bergen. 11,000 m ² formwork, 3,900 cu.m. concrete, 550 ton reinforcement, 5,465 m NM pre-stressing steel. Max. span 42 m, single box section.	1990
Lodalen Bridges, Oslo.	Public Roads Administration Oslo	1.1km		One(1) Underlane MSS Motorway/intersection on E6. Bridges over railway area with heavy traffic. Max. span 40m, single box section.	1998

REFERENCE LIST

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Update: October 2020

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NORWAY					
Gartnerlokka Bridge, Kristiansand	Public Roads Administration Oslo	680m		One(1) Underlane MSS Highway bridge on European highway E18 with main spans 45 m over city center streets. Foundations partly in rock, driven and bored piles. Max. span 40 m	1980
Drammen Bridge, Drammen	Public Roads Administration Oslo	2.0km		12-span (2x60m) Underlane MSS Highway bridge on European highway E18. Reinforced, post-tensioned concrete box girder. Span lengths 48 m and 60 m over heavily developed areas, rivers, railway and streets to be kept functioning during construction. Single box section.	1975
Drammen Bridge, Drammen	Public Roads Administration Oslo	600m		One(1) Underlane MSS Extension of Drammen Bridge with 600 m. Max. span 48 m.	1973
PORTUGAL					
Viaduto do Corgo	FCC SA, Spain	3km	12m	One(1) Overhead SL-MSS Rebuild from LG to MSS Max. Span 60m, Single box section Min. hor. radius 700m, Max. longitudinal slope slope 6.0%, Max cross fall (super elev. 8.0%) Internal Formwork Rolling Wagon	2011
Viaduto da Ribeira da Moita	Construtora do Tamega SA Lisbon	987m	15.5m	One(1) Underlane MSS MSS for freeway viaduct. Max. span 35 m, double - T section. Rebuilt from Albufeira.	2000
Viaduto Rio Maior	Zagope S.A. Lisbon	2 x 0.6km	15.4m	One(1) new Underlane MSS and rental of NRS Overhead MSS. MSS for freeway br1dge. Max. span 40 m, double T-section, incl. folding of Internal Formwork	2000
Viaduto de Alcobertas,	Conduril, S.A. Ermesinde	2 x 0.8km	16.1m	One(1) Underlane MSS. Rebuilt from Santarem MSS for freeway bridge. Max. span 40 m, double T-section. New folding of Int. FW.	2000
Viaduto de Alfeizarao	Construtora do Tamega S.A. Lisbon	660m	15.3m	One(1) Underlane MSS. Rebuilt from Alcarrache. MSS for freeway viaduct. Max. span 50/45 m, single box section.	2000

REFERENCE LIST

MOVABLE SCAFFOLDING SYSTEM (MSS) For Cast-In-Situ Bridges

Update: October 2020

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PORTUGAL					
A3-Autoestrada Lisboa - Faro Viaduto de Alcarrache	Construtora do Tamega S.A. Lisbon	965m	10.5m	One(1) Underlane MSS. Rebuilt from Lousado. MSS for freeway viaduct. Max. span 62,5 m, single box section.	1999
A3-Autoestrada Lisboa - Faro Viaduto de Albufeira	Construtora do Tamega S.A. Lisbon	840m	17.3m	One(1) Underlane MSS. Rebuilt from St. Cristina. MSS for freeway viaduct. Max. span 35 m. Double T-section.	1998/199
Alcacer do Sal Ponte Sobre o Rio Sado	Teixeira Duarte, S.A. Lisbon	Total 1.5km	18.5m	One(1) Underlane MSS. MSS for freeway viaduct -A-3. Max. span 44 m. Folding of Int. +web slab formwork by hydraulics. Double T-section.	1998
A3-Autoestrada Lisboa - Faro Viaduto Alcacer do Sal (Rio Sado)	Engil Sociedade de Civil S.A., Lisbon	1.5km	18.5m	One(1) Underlane MSS. Re-design of MSS for freeway viaduct (A9-CREL). Max. span 44 m. Folding of Int. +web formwork by hydraulics. Double T-section.	1997/98
IC10 - Ponte S/O Rio Tejo, Santarem	Conduril, S.A. Ermesinde	2 x 1.2km	27.7m	One(1) Underlane MSS. MSS for freeway bridge. Max. span 42 m, double T-section. Variable angle between bottom slab and web.	1997
A3 -Autoestrada Lisboa-Faro Viaduto Sobre a Ribeira de Grandola	OPCA Obras Publicas e Cimento Armado, S.A. Lisbon	1.3km	21.1m	One(1) Overhead MSS. Re-design of MSS for freeway viaduct (Viga de Lancamento) Double T-Section, Max. span 42.5 m.	1997
A3 -Autoestrada Lisboa-Faro Viaduto Sobre a Ribeira de Grandola	OPCA Obras Publicas e Cimento Armado, S.A. Lisbon	1.3km	21.1m	One(1) Overhead MSS. MSS for freeway viaduct. Double T-section. Max. span 42.5 m.	1997
A3-Autoestrada Porto/Valenca Sublanco Ponte de Lima/ EN303 - Trecho 2 Viaduto de St. Cristina	Construtora do Tamega SA Lisbon	620m	15m	One(1) Underlane MSS. MSS for freeway viaduct. Max. span 36 m, double T-section.	1966
A3-Autoestrada Porto/Valenca Solanco Ponte de Lima/ EN303 - Trecho 2 Viaduto do Lousado	Construtora do Tamega SA Lisbon	1.7km	15m	One(1) Underline MSS. MSS for freeway viaduct. Max. span 56 m, single box section	1996

REFERENCE LIST

MOVABLE SCAFFOLDING SYSTEM (MSS) For Cast-In-Situ Bridges

Update: October 2020

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PORTUGAL					
A3-Autostrada Porto/Valenca Sublancó Ponte de Lima/ EN303- Tracho 2 Viaduto de Espinheiros	Novopca Construtores Associados, Lda. Oporto	1.8km	17.6m	One(1) Underlane MSS. MSS for freeway viaduct. Max. span 42 m, double T-section	1996
Governo Regional da Madeira Bridges Amoreira and Meloes	C. Tamega Contractor Co Lisbon	1.6km	10.65m	One(1) Underlane MSS. MSS for motorway bridges. Spans 45.0 m and 42.5 m. Single box section.	1995
A9-C.R.E.L. (Estadio Nacional - Alverca) Sublancó Loures - Bucelas Viaduto Sobre A.E.N. 115 Lisbon	Engil-Sociedade de Construcao Civil, S.A. Lisbon	450m	2x17.5m	One(1) Underlane MSS. MSS for Twin motorway bridge. Spans 42,0 - 53,75 m. Double T-section.	1993
SPAIN					
Viaducto de Loja Riofrio	TECOZAM	580m	14m	One(1) Underlane MSS (Redesign of UL MSS No.1 Mersey Gateway Typical Span-50m, Max. Launching Distance = 75m	2020
LG to MSS (for Viaduto do Corgo Bridge, Portugal)	FCC SA, Spain		14m	One(1) LG to be modified to MSS	2009
Mondragon Bridge Project	Sacyr SA, Spain	1.4km	14m	Redesign of MSS Vinao & Marnotes Bridge	2008
Vinao and Marnotes Bridges	Sacyr SA, Spain	1km	14m	One(1) Underlane MSS for HSRW. Span 51m. Single box section	2007
SWEDEN					
Arsta Railway Bridge Citybanan Project Stockholm	Phil and Son AS Denmark	1.6km	9m	One(1) Full Overhead SL-MSS, Solid cross section, railway bridge. Varying Spans 24.5m - 35m. Min. hor. Radius 800m Hydraulic folding formwork.	2012
Obbola Bridge	Road Administration of the City of Umea	976m & 402m		One(1) Underlane MSS. Two highway bridges. Concrete box girder spans 66 m. Double T-Section.	1989
Skrei Bridge	Public Roads Administration of Sweden	350m		Highway bridge on European Highway E6. Concrete box girder span 49 m.	1986

REFERENCE LIST

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Update: October 2020

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SWEDEN					
Johanneshov Bridge, Stockholm	Svenska Industribyggen AB, Stockholm	750m	25m	One(1) Underlane MSS. Twin reinforced post-tensioned concrete box girders. Spans 42-55 m over heavily developed	1983
POLAND					
WS-09 Drogba Ekspresowa S3	MOTA-ENGIL Central Europe S.A.	1.0km	12.5m	One(1) Overhead MSS, Double-T Girder (P.S.C Girder) Max. span 42m.	2011
ALGERIA					
Autoroute Penetrante Mascara Bridge	Levantina, Ingenieria Y Construccion	Total Approx. 5km	14.0m	Two(2) Underlane MSS, Single box (P.S.C Box Girder) Max. span 50m. Min. hor. radius 900m	2015
TAIWAN R.O.C.					
Section C230/C240 Taiwan High Speed Railway Project	Hyundai Eng. & Constr. (Halla Speco Heavy Ind.)		13m	Two(2) Underlane MSS 2 MSS for THSR viaducts. Max. span 45m, simply supported 2 Internal formwork Rolling wagon	2001
Section C230/C240 Taiwan High Speed Railway Project	Hyundai Eng. & Constr. (Halla Speco Heavy Ind.)		13m	Four(4) Underlane MSS 4 MSS for THSR viaducts. Max. span 40m, simply supported 4 internal formwork Rolling wagon	2001
Bid C 325a 2nd Freeway Ext. Project Lung-Kang Nan-Ken Viaduct Ta-Tu Bridge	EVERGREEN Construction Co. Taipei	2.1km 2.8km	18.55m 16.1m	Three(3) Underlane MSS. 3 MSS for freeway viaduct. Max. spans 46/55 m. Single box section, varying width. 3 Int. formwork Rolling wagons.	1999
Bid C312-14, 200 Freeway Ext. Hsi-Hu Ta Cha Section, Tung-Hsiao Viaduct & Yen-Li Viaduct	New Asia Construction & Development Corp., Taipei	2.5km 1.1km 850m	16.1m 16.0m 16.2m	One(1) Underlane and One(1) re-built MSS MSS for freeway viaduct. Max. spans 48-50 m. Double and single box section, varying width. 2 Internal formwork Rolling wagons.	1999
Bid C313, 2nd Freeway Ext. Hsi-Hu Ta Cha Section, Ta-Cha Interchange	Evergreen Construction Co., Taipei	3.5km	16.1m	Two(2) Underlane MSS. MSS for freeway viaduct. Max. spans 45 m. 1Internal formwork Rolling wagon. Single box section, Inclined piers.	1999
Bid C361, 2nd Freeway Ext. Pai-Ho Hsin-Hua Section, Zen-Wen-Hsi river bridge	Der Pao Construction, Taipei	3.5km	16.1m	Two(2) Underlane MSS. MSS for freeway viaduct. Max. spans 45 m. Folding of bottom slab formwork by hydraulics. 2 Int. formwork Rolling wagons. Single box section, asymmetric piers.	1998

REFERENCE LIST

MOVABLE SCAFFOLDING SYSTEM (MSS) For Cast-In-Situ Bridges

Update: October 2020

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TAIWAN R.O.C.					
East-West Expressway E303 Taiwan Area National Expressway	BES Engineering Corporation, Taipei	4.0km	22.7m	Two(2) Underlane MSS. MSS for freeway viaduct. Max. spans 37 m. Folding of bottom slab formwork by hydraulics. 4 Int. formwork Rolling wagons. Double box section, asymmetric piers.	1998
East-West Expressway E206 Taiwan Area National Expressway	Chiu Ta Construction, Taipei	4.0km	19.7m	Two(2) Underlane MSS. MSS for freeway viaduct. Max. spans 37 m. Bottom slab hydraulically foldable. Double box section, 4 Int. formwork Rolling wagons.	1997-1998
East-West Expressway E604 Taiwan Area National Expressway	Chang Hung Engineering Co., Ltd., Taipei	4km	12m	Two(2) Underlane MSS. MSS for freeway viaduct. Max. spans 40,5 m. Single box section, 2 Int. formwork Rolling wagons.	1997
Second Freeway Extension Project, Bid E812-16, Taiwan Area National Expressway	Koukai JDC Taiwan, Taipei	8.0km	22.6m	Three(3) Underlane MSS. MSS for freeway viaduct. Max. span 35m, 38t/m. Double box section. 6 Int. formwork Rolling wagons.	1997
Second Freeway Extension Project, Bid 370 Tainan Interchange	B.E.S. Taipei	3.0km	12.0m	Two(2) Underlane MSS. MSS for freeway viaduct. Max. span 50 m. Single box section. 2 Int. formwork Rolling wagons.	1996
Second Freeway Extension Project, Bid 370 Tainan Interchange	B.E.S. Taipei	3.0km	12m	Two(2) units Rebar transport system (cage). Hydraulic motors, steering and adjustment / lifting. Max. span 45 m, max. transport load 35 tons.	1996
Motorway Viaduct C374 Taiwan Area National Development Expressway	New Asia Construction & Development Corp., Taipei	2.5km	16.1m	One(1) Underlane and One(1) Overhead MSS. MSS for freeway viaduct. Max. spans 50 m. Double and single box section, varying width. 3 Int. formwork Rolling wagons.	1995
Motorway Viaduct E404 Taiwan Area National Expressway	Koukai Constr. Co., Taipei	4.0km	12m	Two(2) Underlane MSS. MSS for freeway viaduct. Max. spans 42 m. Single box section, 2 Int. formwork Rolling wagons.	1994

REFERENCE LIST

MOVABLE SCAFFOLDING SYSTEM (MSS) For Cast-In-Situ Bridges

Update: October 2020

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GREECE					
Kristallopigi Crossing Ioannina - Igomenitsa	Michaniki S.A., Athens	1.4km	12.8m	One(1) Underlane MSS. Single box section. Max. span 55m. Int. Formwork Rolling wagon.	2000/2001
THE NETHERLANDS					
Utrechtboog	Bouwcombinatie Utrechtboog, Amsterdam	3.5km	10m	One(1) double span Overhead MSS, Solid cross section, railway bridge. Max. span 2x50m. Hydraulic folding of formwork. Side shifting of MSS between bridges. Erection of "elevated spans".	2001
CZECH REPUBLIC					
Ring road Olomouc D 202 6 D 204	Dopravni Stavby Holding, Olomouc	1.5km	15.7m	One(1) Underlane MSS, Solid cross section, railway bridge. max. span 45m.	2001
VIETNAM					
Ring Road No.2 Flyover, Hanoi	Trung Nam & Trung Chinh Joint Venture	5.0 km	Total Max. Width, 19.0m Width Cast by MSS, 12.0m	Two(2) Overhead MSS Max. span = 45m + 9m Max. Launching Distance = 55m Twin Cell Box Section	2017/2018
Dong Thu Bridge	Thang Long Construction	1.0 km	11m	One(1) Underlane MSS MSS, River Crossing Max. span 50m Single Cell Box Section, Twin Boxes combination	2007/2008
Thu Thiem Bridge	General Co. Construction No.1	1.0 km	13,5m	One(1) Underlane MSS Continuous Box girder bridge with max. span length of 45 m.+12.5 m. cantilever	2005
Red River (Thanh Tri) Bridge	Obayashi-Sumitomo JV	2x1.4km	16.1m	Two(2) Underlane MSS Red River crossing Bridge Max. span 50 m. Single Cell Box Section.	2003
BOSNIA & HERZEGOVINA					
Drivusa Bridge	Hering d.d	Left Bridge = 647.50m Right Bridge = 653m	13.80m	One(1) Overhead MSS Modification of E6 Halogalandsbrua- Viadukter MSS) Single box section. Max. span 40.20m	2015/2016