

CIVIL WORKS

Road

Project	Section	Start	Completion	Structure
No.12 National Highway Expansion(Damyang-Seongsan)	3	Nov. 2008	Dec. 2012	Length: 13km(expansion 8.1km,construction 4.9km) Bridges: 451m, 3units 1 junction, 1 interchange
	13	Nov. 2008	Dec. 2012	Length: 8.6km(expansion 4.7km,construction 3.9km) Tunnels: 1,617m, 2units Bridges: 907m, 5units / 1 interchange
Kyodong Connecting Bridge		Oct. 2008	Jan. 2013	Length: 1.33km Bridge: 2.11km
Administration Complex city road(Daejeon-Yusung)		Aug. 2008	Dec. 2011	Length: 8.78km / Width: 36m Bridges: 647m, 19units Intersections: 6units
No.1 National road circuit of Administration Complex city	1	Jun. 2008	Nov. 2011	Length: 3.4km(Underground: 1.981km) Bridge: 130m, 1unit
Kimpo Hangang road (Punggok-Unyang)	1	Jun. 2008	Jun. 2010	Length: 3.2Km / Width: 28m(6-lane road) Bridges: 2units 1 waterway
Cheongna District Special purposed structure	1	Apr. 2008	Feb. 2010	Length: 1.91km Bridges: 106m, 2 units BOX: 1.432km
Yeosu National Industrial Complex entering road	4	Nov. 2007	Jan. 2012	Length: 1.1km(4-lane bridge) 1 intersection
Dogye-Shingi lane		Feb. 2007	Jan. 2012	Length: 7.86km Bridges: 1.64km, 13 units Tunnels: 2.26km, 5 units
Yongin-Seoul Highway	5	Jan. 2006	Jun. 2009	Length: 3.62km, tollgate 1 unit Tunnels: 1,445m, 2 units Bridges: 635m, 3 units
Yeongdeok-Osan wide area road	1	Jan. 2006	Dec. 2008	Length: 2.23km(width: 20m) Bridges: 1.03km, 9 units Tunnels: 0.56km, 3 units 1 intersection
Incheon Bridge connection road	5	Dec. 2005	Aug. 2009	2-lane highway: 1.73km 1 junction
No.27 National Highway (Jeonju-Gwangyang)	8	Mar. 2005	Dec. 2010	Length: 12.13km Tunnels: 4.3km Bridges: 830m
Pyeongtaek Port-Cheongbuk lane		Apr. 2003	Apr. 2008	Length: 4.25km Bridges: 90m
No.12 National Highway (Muan-Gwangju)	4	Dec. 2002	Jul. 2008	Constructed 4-lane highway Length: 8.76km, Width: 23.4m Long&large bridges 1,180m / 2 units Small size bridges 434m / 12 units Tunnels 1,185m / 1 unit
No.17 National Highway (Seochun-Gongju)	4	Dec. 2001	Dec. 2009	Constructed 4-lane highway Length: 10.244km Bridges: Long&wide bridges 1,175m / 4 units Small size bridges 345m / 9 units Ground making(Piling): 3,310,000㎡ Intersection: Pyeonbuyeo IC Amenities: Buyeo resting place

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No.1 National Highway Expansion (Kimcheon-Yeongdong)	2	Dec. 2001	Dec. 2006	Highway expansion: 4 lanes → 6 lanes Length: 7.74km Small size bridges 8 units / 279m
Highway No.65(Busan-Ulsan)	4	Nov. 2001	Dec. 2008	Constructed 6-lane highway Length: 5.78km Long&large bridges 550m/2 units, Small size bridges 153m/5 units
Seonsan-Dogae 4-lane national road Expansion		Jul. 2001	Feb. 2009	Expansion of no.33 road(2 lanes → 4 lanes) Length: 4.641km Bridges 952m/3 units
Chubu-Daejeon lane Expansion & Pavement		Feb. 2001	Feb. 2006	Constructed 4-lane road Length: 8.74km Tunnels 1,470m Long&large bridges 570m/2 units
Kilho Bridge		Jul. 2000	Dec. 2003	Bridges: length 640m, width 30m(6 lanes) Connecting road: length 1,411m, width 6~30m
East Sea Highway (Donghae-Jumunjin 4-lane road Expansion)		Mar. 2000	Dec. 2004	Constructed 4-lane highway Length: 3.13km Bridges: ILM bridges 2 units, FCM bridge 1 unit PSC~BEAM bridges 2 units: 1,460m Ground making: Cutting 1,560,000㎡, Piling 109,000㎡ Tunnel: 525m / 1 unit
Jonghwa-Dundeok Circuit		Dec. 1999	Dec. 2008	Length: 8.2km(double line) Bridges 5 units, Tunnels 2 units
Gachang-Cheongdo local lane Expansion		Nov. 1999	Dec. 2005	Expansion to 4 lanes Length: 8.98km Long&large bridges 225m / 1 unit Small size bridges 247m / 5 units
Pohang city Circuit		Mar. 1998	Dec. 2006	Constructed 4-lane road Length: 5.64km Long&large bridges 555m / 1 unit Small size bridges 872m / 6 units
Daegu-Pohang Highway	3	Jan. 1998	Jun. 2003	Length: 3,480m, Bridges: 1,220m/4 units
Hyungsan Bridge		Dec. 1997	Dec. 2000	Bridges(Steel Box Girder): 390m Connection(Steel Plate Girder): 30m
Gangdong-Pohang lane		Mar. 1997	Dec. 2004	Length: 9.6km Bridges: 685m/5 units Tunnels: 1.2km/1 unit
Bian 4-lane Circuit Expansion & Pavement		Jan. 1997	Dec. 2005	Length: 9.92km Bridges: 1,641m/15 units Overpass: 840m/1 unit
Incheon Int'l Airport Highway	3	Apr. 1996	Sep. 2000	Main 6 lanes 5,473m, Branch lane 1,493m, 9 bridges 9 units, Tunnels 2 units
Jungbu(central) Inland Highway	16	Jan. 1996	Nov. 2001	Length: 7.7km 4 lanes 13 bridges Sunsan resting place, Sunsan IC
Yeongdeok-Seongnae 4-lane road Expansion & Pavement		Dec. 1995	Dec. 2005	Length: 9.2km 7 bridges, 3 intersections
Gwangan Bridge	3	Dec. 1994	Apr. 2002	Duplex Truss bridge: 720m Duplex Steel frame bridge: 80m Steel bridge construction: 22,604ton Bridges pavement: 271ar

Railway

Project	Section	Start	Completion	Structure
Gonyang Train Depot Maintenance Facility		Dec. 2007	Aug. 2009	High speed train Maintenance Facility x 1unit (KTX 920units, Honam vehicle 420units)
Jeolla line Iksan-Sinli section Double track railway		Jul. 2007	Apr. 2012	Length: 34.39km Bridges: 9.73km / 46 units Tunnels: 2.1km / 6 units
Kyungjeon line Haman-Jinju section Double track railway		Jun. 2007	Jun. 2012	Length: 20.352km Bridges: 5.33km / 32 units Tunnels: 8.52km / 17 units
Seoul Subway 7th line Expansion to Incheon	705	Aug. 2005	Mar. 2011	Length: 1.27km 2 Stations
New Bundang line Subway	2	Jul. 2005	Jul. 2010	Length: 11.250km (Seocho-Bundang) 2 Stations (Poie station, Cheonggye station)
Kyeonggeui(Yongsan-Munsan) Double track construction	1-2b	2005. 4	Dec. 2009	Length: 1.514km Main excavation BOX:652m 2 Stations, 4 ventilating openings
Incheon International Airport Railway	2-2b	Jan. 2004	Dec. 2009	Length: 2.185km Main lane tunnels: 1.852km Main lane excavation BOX: 1.675km 2 Stations, 5 ventilating openings
	1-4	Apr. 2001	Mar. 2007	Underground excavation BOX 1.6km 1 station(no.2 station of New Airport)
	1-3b	Apr. 2001	Mar. 2007	9 units including connection bridge and others 1 Substation Track construction 8.907km
Central line(Deokso-Wonju) Track construction	11	Apr. 2002	Dec. 2008	Length: 2.877km 1 stop, bridges 1,297m/2 units
Janghang line Onyang spring-Janghang section Track Improvement	1-2	Nov. 2001	Dec. 2008	Length: 8.32km Bridges 2,029m/17 units Tunnels 830m/2 units, 700 10 units
	2-1	Nov. 2001	Dec. 2008	Length: 8.00km Bridges 2,536m / 10 units Special purpose railroad 2,120m / 2 units
	3	Nov. 2001	Dec. 2008	Length: 14.98km Bridges 3,390m / 31 units Special purpose railroad 3,385m / 3 units
Kyungeui line Train Depot		Sep. 2001	Dec. 2008	Ligh weight railroad: 320 units/day Heavy weight railroad: 420 units/year 1 Depot for vehicle 290 units
Kyeonggeui(Yongsan-Munsan) Double track construction	3	Dec. 2000	Dec. 2008	Length: 13.998km 22 Bridges, 7 Stations
Daejeon-Okcheon line Renovation		Dec. 1999	Feb. 2002	Length: 5,960m, Ground making: 368,000m ² 4 Bridges, 3 Tunnels, 1 intersection

New Transit

Project	Section	Start	Completion	Structure
Busan-Kimhae Light Rail	3	Apr. 2006	Apr. 2011	Length: 6.356km(Steel Box Girder bridge) 6 stations(steel single-column lamen type)
	4	Apr. 2006	Apr. 2011	Length: 5.135km(Steel Box Girder bridge) 5 stations(steel single-column lamen type) 1 train depot
Light Rail trial version		Dec. 2003	Aug. 2004	Length: 2.4km 4 stations, Main 1.87km, Curve 387m, Side track 120m

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Port

Project	Section	Start	Completion	Structure
Product loading port for Gwangyang Plate Mill		Dec. 2008	Apr. 2010	Revetment: 190.21m Temporary piling area: 8,592.84㎡
Pohang new port CTS-export quay remodeling&expansion		Sep. 2008	Sep. 2009	Port expansion: 100m(250,000dwt) CTS-export quay expansion: 140m(30,000dwt)
Cai Mep International terminal		Apr. 2008	Mar. 2011	Container yard: 48ha Quay: 600m (80,000ton X 2 spots)
Exclusive Port for Vung Tau Cold Rolling Mill		Nov. 2007	Mar. 2009	Berthing Capacity: 10,000ton X 2 spots Port: 330m
Ayajing Fishery Port		Nov. 2005	Mar. 2010	Breakwater: 250m Jetty: 114m Revetment: 119m Seawater Circulation System Waterfront, Electric installation
Yeong-il Bay New Port	1-1	Aug. 2005	Aug. 2009	Quay wall(20,000DWTx4B): 1,000m Revetment: 1,028m Reclamation: 7,280,000㎡ Pavement: 5,822a
Pohang new port No.2 pier remodeling		Jul. 2005	Aug. 2007	Remodeling work to 30,000tons' scale of No. 21 & 22 anchor spots
Ulsan new port southern quay	2	Dec. 2004	May 2009	Breakwater, Caisson: 1,100m Operation area and subsidiary facilities
Pohang new port No.2 pier remodeling		Feb. 2004	Aug. 2006	Port 40,000tonsx1spot, 10,000tonsx1spot Quay wall: 420m Revetment: 95m
Busan Port International Passenger Terminal & Pier		Dec. 2003	Jun. 2006	Berthage: 525m Waterfront Revetment: 200m Breakwater: 150m
Pohang new port No.1~5 pier Repairment of outworn units		Jan. 2003	Jan. 2004	Structure reinforcement: 16,209㎡ Repairment: 2,235m
Wonjeon Port		Dec. 2002	Jan. 2007	Breakwater: 758m, Wharf: 102m Jetty: 470m, Shipyard: 61m Ground making: 25,320㎡
Pyungtaek Port No.5 pier		Jan. 2001	Dec. 2003	Quay wall: 240m Reclamation: 930,000㎡ Pavement: 908ar Temporary Revetment: 567m
Yeong-il Bay New Port Fishery port construction		Dec. 1996	Dec. 2001	Breakwater: 1,096m Jetty: 426m Rump: 410m
Masan Port steel transit station		Jul. 1994	Feb. 1998	20,000DWT Port 1 unit, Storage 1 unit, RO~RO Port etc.

Ground Making

Project	Section	Start	Completion	Structure
Gwangyang Steelworks expansion 2-2 section	2nd phase	Dec. 2008	Mar. 2010	Revetment: 540m Area: 699,832 m ²
	3rd phase	Dec. 2008	Feb. 2010	
Eco-friendly canals & supplementary bridges construction for Namyangju Residential area ground making	2	Sep. 2008	Sep. 2011	Supplimentary facilities 27units: bridge, ecological passage, underground road, canal etc.
Goyang-Samsung Residential area ground making	3	Jul. 2008	Jul. 2011	Area: 1,112,848m ²
Chungju Company Town development		Jun. 2008	Dec. 2011	Area: 70,127,600m ² Road 31km, 3 bridges, 8 pumping facilities
Gwangyang Steelworks expansion 2nd phase		Jun. 2008	Dec. 2009	Area: 3,600,000m ² , Temporary revetment: 3.1km
Paju-Unjeong area Water Circulation System development		May 2008	Mar. 2012	Artificial lake 201,360m ² Stream repairment 4.6km Stream construction: 8.82km/5 lanes
Vietnam Danang new city development		May 2008	May 2010	Revetment 2.750km Q.R.R(Quarystone, Riprap, Rubble stone) 238,038m ² Armor Stone: 66,899m ²
Gwangyang 3rd Plate Mill ground improvement	2nd phase	Jan. 2008	May 2009	Surcharge: 740,830m ² , Sand Mat: 53,665m ² Slag treatment area: 36,236m ²
West Gwangyang Ground making	1	Nov. 2007	Nov. 2011	Ground making: 1,078,000m ² Road and Pavement: 1,753ha
Gwangju Hi-tech Industrial Complex	2nd phase	Oct. 2007	Jan. 2010	Complex building: 1,180,942m ²
Mt.Yeonin State park Ground making		Apr. 2007	Jun. 2009	Areas: 132,660m ²
Cheongna Free Economic Zone	3	Jan. 2007	Jan. 2010	Ground making :2,098,483m ² Pure soil: 1,780,000m ²
Gwangyang Nickel Mill Ground making		Aug. 2006	Dec. 2007	Slag dropping: 421,500tons Pebble dropping: 143,813m ² Dredging/Reclamation: 1,585,045m ² P.B.D: 1,086,669m Stock soil: 499,900m ²
Pyeongtaek-Cheongbuk Residential area ground making	1	Apr. 2006	Apr. 2009	Residential area ground making: 1,217,236m ² Tunnels:200m(6 lanes)
Kimhae-Yulha Residential area ground making	2	Jul. 2004	Sep. 2007	Areas: 1,017,710m ²
Incheon International Airport 2nd phase construction No.3 runway ground making	4	Dec. 2003	Aug. 2008	Ice making/Run-up place: 347,615m ² , No.3 Runway: 494,424m ² Passanger berthage: 698,097m ²
	5	Dec. 2003	Jan. 2007	Ground making Excavation 5,506,000m ² (explosion and crushing) Earth piling 6,063,000m ² (runway making) Soft soil treatment: 1,494,000m ² (PBD) Reclamation: 5,719,000m ² Belt Conveyor 3.3km Crusher 1 unit(3,000ton/hr)
Wosunmi argricultural water supply system development		Nov. 2003	Dec. 2009	Reservoir: length 202m 1 pumping station/waterway 10,054m/road 286m
Dongtan Residential area Ground making	2	Jun. 2003	Jun. 2007	Excavation 4,440,000m ² , Earth piling 3,780,000m ² Rain(Hume pipe) 26km Sewage(HDPE Triple Wall pipe) 19km Water supply(Cast iron) 24km
Sihwa area reclaimed farmland making	2	Sep. 2002	Sep. 2008	Reclamation 7,450,000m ² , Water channel 58.7km Water path 50.8km, Drainage 6.2km Pumping station 1 unit
Yonggye argricultural water supply system development		2001.12	2012.12	Reservoir: length 172m, hight 45m 16 waterways/48.5km, road 3.6km
Busan new port Northern container terminal Ground making	1	Sep. 2001	Apr. 2008	Complex building 727,609m ² , Soft soil treatment 575,052m ² Revetment 117m Sewage pumping station: 51,700 m ³ /day
Gwangyang LNG Terminal Ground making		Mar. 1999	Jan. 2002	Area: 4,889,000m ²

Golf Course

Project	Section	Start	Completion	Structure
Jack Nicklaus Golf Club		Mar. 2008	Apr. 2010	18 holes (length 6,759m), villa (151 units) Total area: 53,021㎡
Paju J-PUBLIC Golf course		Dec. 2006	Dec. 2007	Public 6 holes
Seungju CC southern course remodeling		Dec. 2005	Jul. 2006	Course renewal: 9 holes
Gaya Country Club expansion		Jan. 2003	Jun. 2005	Public 9 holes, Membership 9 holes expansion