



 Osaka Bousui Construction Co.,Ltd.

[Head Office]
7-6 Esashi-machi, Tennoji-ku, Osaka city, 543-0016, Japan

[President]
Ryota Uga

[Date of Founding]
April 10, 1933

[Branch Offices]
Tokyo Branch, Nagoya Branch, Osaka Branch, Kyushu Branch

URL : www.obcc.co.jp E-mail : info@obcc.co.jp

Osaka Bousui Construction Co.,Ltd.

Reliable expert technology for creating a affluent society.



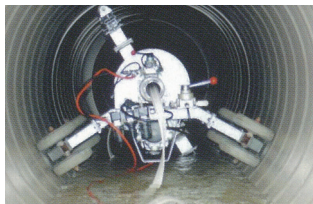
President
Ryota Uga

Responding to trust from customers.

Since our founding in 1933, Osaka Bousui Construction Co., Ltd. has worked earnestly in the field of waterproofing for public structures. Currently, we have expanded our business into many different fields of urban civil engineering including ground improvement, slope stabilization, pipe renewal and so on.

Recently, our company is actively conducting technological R&D in these fields, bringing new value to Japan and the world.

We will continue to develop the technology and respond to customer needs. We aim to gain further trust from our customers and contribute to the society.



Pipe Maintenance

Renew or repair the aged pipes with non-open cut method.



Waterproof

Prevent the leakage of water and corrosion by chemicals.



Ground Improvement

Increase the stiffness of the ground.



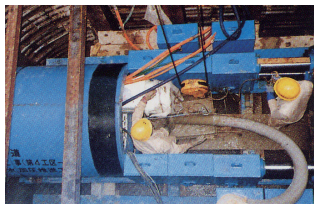
Foundation Construction

Construct foundations of the structures.



Slope Stabilization

Stabilize the slopes and walls.



Pipe Jacking / Tunnel Construction

Construct new pipes or tunnels with non-open cut method.

Pipe Maintenance

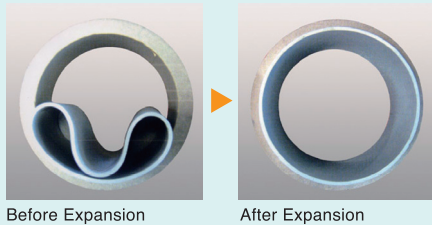
Works to renew or repair the water supply pipes and sewer pipes without digging the roads. Renewed pipes satisfy the latest design standard against the earthquakes.

EX Method

Method to construct new polyvinyl chloride pipes inside the existing pipes. This method was developed by our company.

Main application

Sewer pipes (diameter of 200mm to 350mm)



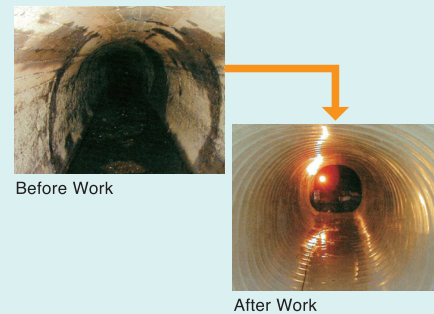
Danby Method

Method to construct new pipe inside the aged one with new polyvinyl chloride sheets.

Main application

Sewer pipes (diameter of 800mm and larger)

Aged Culvert



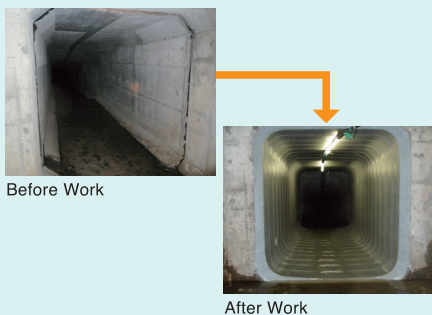
Clear Flow Method

Method to construct a new culvert inside the aged one.

Main application

Culvert (inner dimension of 1,000mm and larger)

Aged Culvert

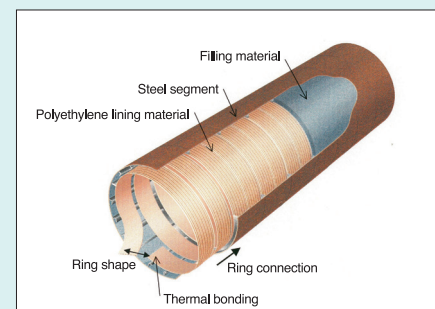


Poly-Ring Method

Method to construct the inner lining with polyethylene sheets inside the shield tunnel.

Main application

Secondary lining for steel segments



Waterproofing

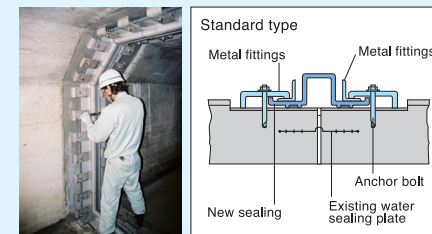
Works to waterproof the structures such as Water Supply Plant, Sewerage Plant, Drainage System, Subways, Tunnels, Bridges and so on.

OGAS Method

Method to renew the joint of cement concrete structures with the flexible strips, which was developed by our company.

Main application

Water supply plant, sewerage plant, culvert, others



SQS System Method

Waterproofing method to make new membrane on the surface of the structure by spraying polyurea.

Main application

Water proofing and prevention from peeling of the cement concrete structures.



Flaps Method

Method to prevent corrosion of cement concrete structures caused by hydrogen sulfide. In this method an epoxy resin is used to adhere an FRP transparent plate to the inner surface such as sewerage plant.

Main application

Sewer system facilities

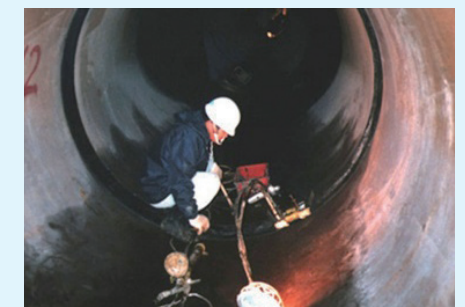


Pipe Inner surface repairing method

Method to attach a rubber waterproofing plate on the joints inside the pipes. This method prevent water and air from leaking.

Main application

Water supply pipes, industrial water pipes, etc. (diameter of 800mm and larger)



Ground Improvement

Works to improve the stiffness of the ground under the structures and prevent the liquefaction when earthquakes.

Power Blender Method

Method to improve the ground to a depth of about 10 meters by operating mixture machine.

Main application

Structure foundations (soft ground)



Slurry discharge

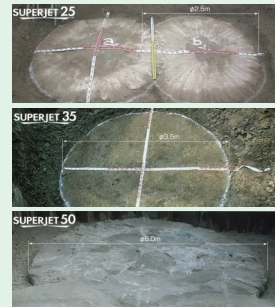
Mixing-agitating

SUPERJET Method

Method to make solid soil cylinder under the foundations. After the pipe is installed into the ground, the cement mixture is mixed into the soil through the pipe.

Main application

Soil improvement under the foundation

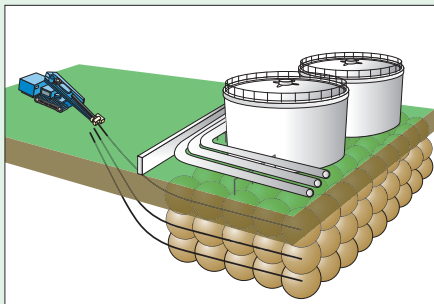


Freedomove Method

Grout materials mixture is mixed into the ground under the structures through the flexible pipe from the off-site.

Main application

Measures against ground liquefaction,
Solidification of polluted soil



Expacker Method

Method suitable to improve the ground of the wide area. This method is a technique of the Geo-grouting Development Organization.

Main application

Measures against ground liquefaction



Foundation Construction / Pipe Jacking / Slope Stabilization

Ground Anchor Method

Method to fix the wall with ground anchors.

Main application

Slope stabilization, reinforcement of the wall



BH Method

Proceeding drilling method before constructing pile foundations.

Main application

Diameter: 450mm to 1,500mm



Photo by the Big Calibre Boring Association

Free Frame Method

Method to construct the surface of the cement mortar reinforced with the steel net over the slope.

Main application

Protection of slopes



Pipe Jacking Method

Method to make the hole with the jacking machine before pushing pipes.

Main application

Pipe jacking for long distances and sudden curves

