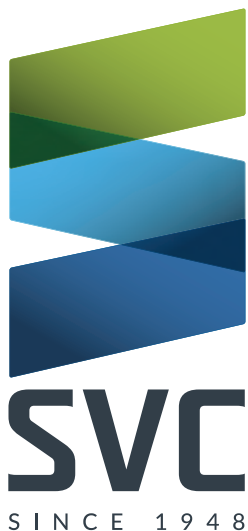


PRODUCTS FOR RAIL INFRASTRUCTURE



SVC Products is a trusted Victorian manufacturer of high-quality precast concrete and ancillary products used in infrastructure and construction.

Our diverse Rail offering includes:

Cable Pits & Covers
Concrete Foundations
Stormwater & Civil Products
Landscaping Products

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CABLE PITS & COVERS

Cable pits are underground structures designed to house and protect the cables used in electrical, telecommunications and data transmission systems. These pits play a crucial role in organising and safeguarding the network of cables that run beneath the ground.

SVC Products offers solid wall precast concrete pits with concrete-encased ductile iron covers for cable pit applications. Standard or custom sizes are available. Our concrete products are strong, durable and locally produced in Melbourne using low-carbon concrete.

SOLID WALL PITS



CONCRETE-ENCASED MULTI-PART COVERS



PIT CLEAR OPENING*	PIT DEPTH	PIT COVER DETAILS	PIT COVER LOAD CLASS
600 x 600	Ranging from 600 - 1200mm	DUCTILE IRON ACCESS COVER	Class D <i>(Class B available upon application)</i>
900 x 600		DUCTILE IRON ACCESS COVER	
900 x 900		DUCTILE IRON ACCESS COVER	
1200 x 900		DUCTILE IRON 2-PART COVER	
1200 x 1200		DUCTILE IRON 2-PART COVER	
1500 x 1500		DUCTILE IRON MULTI-PART COVER	
2500 x 1500		DUCTILE IRON MULTI-PART COVER	
2000 x 2000		DUCTILE IRON MULTI-PART COVER	
2300 x 2300		DUCTILE IRON MULTI-PART COVER	
2500 x 2500		DUCTILE IRON MULTI-PART COVER	
2700 x 2700		DUCTILE IRON MULTI-PART COVER	
3000 x 2000		DUCTILE IRON MULTI-PART COVER	
3000 x 3000		DUCTILE IRON MULTI-PART COVER	
3600 x 2400		DUCTILE IRON MULTI-PART COVER	

Notes:

***Custom sizes also available upon application.**

Pit covers are pre-encased in concrete, allowing ease of installation. Alternatively, they can be supplied raw to be infilled onsite. Covers typically overhang the pit on all four sides.

Standard lead times apply. Please consult your SVC representative for an indicative project timeframe.

Product drawings and technical datasheets are available upon request.



CONCRETE FOUNDATIONS

In the context of rail infrastructure, foundations refer to the concrete forms that provide support and stability for various components and systems associated with railway tracks.

Some common uses of concrete foundations include track support, signalling equipment, electrification systems and platform support. SVC Products offers a standard range of concrete foundations and can also assist contractors with bespoke requirements.

SIGNAL MAST FOUNDATIONS



BOOM BARRIER FOUNDATIONS



PRODUCT CODE		PRODUCT DESCRIPTION	PRODUCT DIAGRAMS
1	FOU-AC333	AXLE COUNTER FOUNDATION 300x300x300	
2	FOU-AC454545	AXLE COUNTER FOUNDATION 450x450x450	
3	FOU-BB131315	BOOM BARRIER FOUNDATION 1300x1300x1525	
4	FOU-CIBB446	CONCRETE IMPEDANCE BOND BLOCK 400x400x600	
5	FOU-EX30107	EATON XIRIA FOUNDATION 3000x1000x700	
6	FOU-JB664	JUNCTION BOX FOUNDATION 600x600x400	
7	FOU-PB444	PHONE BOX FOUNDATION 400x400x450	
8	FOU-RCPL642	RAIL CLAMP POINT LOCK FOUNDATION 600x420x200	
9	FOU-SM447	SIGNAL MAST FOUNDATION 400x400x750	
10	FOU-SM4410	SIGNAL MAST FOUNDATION 400x400x1000	
11	FOU-SM4414	SIGNAL MAST FOUNDATION 400x400x1400	
12	FOU-SM4418	SIGNAL MAST FOUNDATION 400x400x1800	
13	FOU-SM4423	SIGNAL MAST FOUNDATION 400x400x2300	
14	FOU-SPT444	SPT FOUNDATION 400x400x450	
15	FOU-SPT447	SPT FOUNDATION 400x400x750	
16	FOU-TS119	TRUNKING SUPPORT 100x100x915	
17	FOU-TSP542	TRAIN STOP PUMP FOUNDATION 540x440x250	

Note: Standard lead times apply. Please consult your SVC representative for an indicative project timeframe.

STORMWATER & CIVIL

Stormwater and drainage products, such as precast concrete pits, access covers, grates and kerb lintels, are installed as part of the civil works package within a rail project. SVC's standard civil precast products are produced in Melbourne using eco-friendly concrete, which contains low carbon cement and recycled waste materials that reduce consumption of virgin raw materials.

SVC is an **ISO:9001**-accredited supplier of stormwater pits and covers that are manufactured in compliance with **DTP/VicRoads** (including the updated requirements in **BTN 033**), **VicTrack**, **CAR** or **300LA** specifications, ensuring superb product quality and durable, long-lasting performance.

STORMWATER PITS



PIT CLEAR OPENING*	PIT DEPTH	PIT WALL THICKNESS	PIT COVER OPTIONS
450 x 450	Up to 4m (including pit riser/s as required)	100mm or 150mm (depending on project requirements)	Ductile iron access covers (Class B & D) SMC lightweight access covers (Class B & C) Galvanised steel grates (raw or concrete-encased in Class A, B, C & D)
600 x 600			
750 x 750			
900 x 600			
900 x 900			
1000 x 750			
1000 x 1000			
1200 x 600			
1200 x 900			
1200 x 1200			
1500 x 1500			
2000 x 2000			

Notes:

***Custom sizes also available upon application.**

Side entry pits, risers, step irons and haunch slabs are also available.

Pits are made to order following a shop drawing approval process, requiring client sign-off on pit dimensions, mix design, lifting points and location of penetrations.

Standard lead times apply.
Please consult your SVC representative for an indicative project timeframe.



DUCTILE IRON ACCESS COVERS



Ductile iron (also known as *Gatic* or *cast iron*) access covers provide an airtight cover for concrete pits. Available in Class B or D (AS3996:2019), SVC stocks ductile iron covers in many standard pit sizes, supplied as raw infill or concrete-encased options.

Multi-part ductile iron covers are available to suit large-format pits, and are made to order.

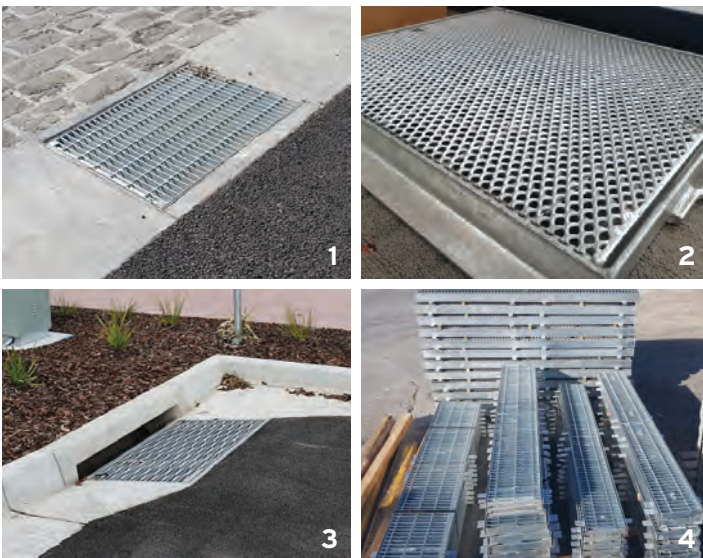
SMC LIGHTWEIGHT ACCESS COVERS



SVC's GridLite Evo covers consist of a lightweight polymeric insert housed in a galvanised steel frame, allowing ease of access for pit maintenance.

Rectangular GridLite Evo covers (Class B) are available in a range of standard pit sizes. Round GridLite Evo covers (Class C) are available with a matching concrete frame, complying with *DTP/VicRoads* requirements.

GALVANISED STEEL GRATES



1. Flat Stormwater Grates (*Bikesafe*)

Compatible with several standard pit sizes in Load Classes A to D (AS3996:2019), SVC's flat stormwater grates are made from high quality galvanised steel in a bike-safe forgebar pattern.

2. Pedestrian Safety Grates (*Heelsafe*)

Flat heel-safe grates are available in Classes A, B and D with a mesh pattern providing pedestrian safety.

3. Kerb, Gully & V Grates (*Bikesafe*)

Stormwater grates in Class D are used for roadside drainage applications within the kerb channel, including V-shaped grates for dished channels.

4. Trench Grates (*Bikesafe*)

A range of trench grates are available in Classes B & D to suit linear drainage applications.

KERB LINTELS



SVC offers a broad range of concrete kerb lintels in either barrier-type (B2) or semi-mountable (SM2) kerb profiles, with several options to suit council or *DTP/VicRoads* design specifications.

Kerb lintels can be produced in a standard grey or charcoal finish.

- Product drawings and technical datasheets available upon request -

LANDSCAPING

The landscaping and outdoor furniture package is one of the final stages of construction in a rail project, when the site is given the finishing touches before opening to the public.

SVC Products offers many solutions for urban spaces and landscape design, with catalogue architectural concrete products such as seats and benches, paving, bollards and planters often utilised to beautify and furnish new streetscapes or shared community spaces.

Our team of concrete specialists can also assist in the development of **custom furniture** and landscape features, allowing landscape architects to embody their design concepts more clearly. Several options for customisation are available, relating to product form, colour, finish and more. SVC can also offer sustainable mix design options, depending on specific project requirements.

CONCRETE FURNITURE



1. Individual Seats

Free-standing concrete seats are available in a number of geometric designs. Due to their weight, they can also be used as bollards or vehicle deterrents to create a threshold between pedestrian and vehicular traffic.

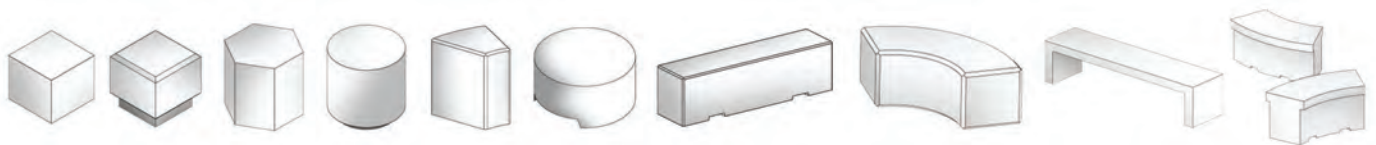
2. Bench Seats

SVC's catalogue range includes straight and curved bench seat options. The classic style of the bench seats makes them easy to blend into any design aesthetic.

3 & 4. Modular Furniture Suites

Clients can choose from a range of existing modular furniture suites, or design their own modular furniture to create varying seat configurations. The use of repeating seat modules enables cost savings while allowing a degree of complexity in the overall design.

Note: Products are made to order and lead times apply. Please consult SVC for an indicative timeline of completion.



Carnegie Railway Station



Preston Railway Station

CONCRETE PAVERS



Mentone Railway Station



Mentone Railway Station



Pedestal Paving

SVC's sister company **Anston Architectural Products** offers a generous selection of concrete paving products with 50+ sizes available in 25 colours.

All pavers are compliant with the breaking load and slip resistance requirements of the *Australian Standard* and provide lasting performance in outdoor paved areas.

Anston is the only Australian paving supplier to offer **reinforced pedestal pavers** that are purpose-built for installation on a pedestal system. These pavers contain an in-built safety feature to prevent risk to pedestrians.

REINFORCED CONCRETE BOLLARDS



Concrete bollards provide protection around pedestrian areas in a solution that is both functional and aesthetically pleasing. Various design styles are available in SVC's ready-to-order bollard range.

Catalogue bollards can be customised in terms of colour, finish and design details such as stencilling of letters or graphics. Bespoke offerings are also available, including options for HVM protection.

CONCRETE PLANTERS



Large-format round or rectilinear planters are available in SVC's Urban product range. Made from durable precast concrete in a number of colour and finish options, concrete planters are an efficient way to add greenery and lush plantings into a new space.

Due to the weight of concrete planters, especially when filled with soil, they may also be used as vehicle barriers between pedestrian and road traffic.



Contact Us

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