

# SILEBY MEMORIAL PARK

## SILEBY, LEICESTERSHIRE

**Status:** Completed 2014

**Client:** Sileby Parish Council

**Value:** £109,334



Modernised and extended facility after completion

Sileby is a former industrial village and civil parish in the Soar Valley between Leicester and Loughborough. It has a great number of sporting clubs, many of which have enjoyed considerable success in recent years. The Sileby Parish Council has been developing the Memorial Park site to better meet the needs of the local community and an increasing demand for up-to-date sports facilities.

This project involved the refurbishment and extension of the concrete skatepark that was originally constructed in 2004. It was in need of modernisation and the extension gives wider accessibility and encourages participation by new and existing users of all ages and abilities. It is intended to create a legacy from the debut of BMX as a new Olympic sport at the London 2012 Games.

A specialist sports consultant was appointed to ensure all relevant design standards were met for the sports proposed and to manage the construction procurement processes.



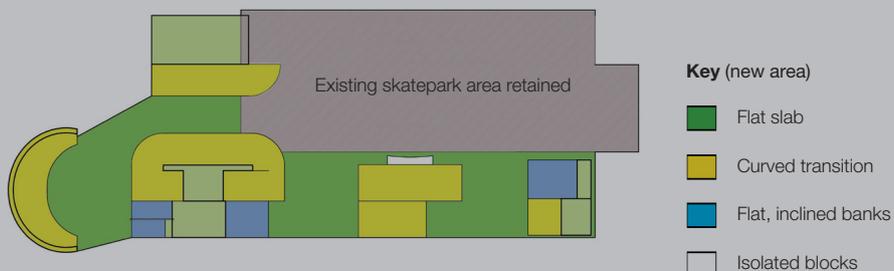
Original facility with limited obstacle provision



Modernised facility with extended obstacle provision

**The project was jointly funded by Sport England, Sileby Parish Council and Charnwood Borough Council**

Upgraded design showing existing area retained (indicated in grey) and new area



**3D view showing the extended track layout incorporating a range of jumps for BMX, skateboard, inline and scooter activities**



**Key**

- |                                |                                     |
|--------------------------------|-------------------------------------|
| 1 6 ft bowled quarter pipe     | 11 5 ft jump box                    |
| 2 Hips                         | 12 Pump bump                        |
| 3 Extra width desk for flyouts | 13 5 ft quarter pipe                |
| 4 4 ft mini ramp               | 14 6 ft flat bank                   |
| 5 5.5 ft rollover              | 15 Integrated existing quarter pipe |
| 6 Flat bank                    | 16 Existing grind rail              |
| 7 Along and down rail          | 17 Existing pyramid                 |
| 8 Wembley / euro gap           | 18 Existing flat bank               |
| 9 5.5 ft rollover              | 19 RoSPA compliant round rail       |
| 10 Driveway                    | 20 Existing block                   |



During construction of the transition obstacle



During construction of the jump boxes

Extending the skatepark facility was initially proposed in 2008 by younger members of the local community who formed a youth group. Following two further years of consultations and meetings with stakeholders (including skatepark users, villagers and the Parish Council), the facility was deemed a priority for village development and a design was agreed.

The client engaged the services of a specialist skatepark design company to which they paid a fee to prepare a set of design drawings and a procurement exercise for selecting a specialist contractor. Upon contractor appointment, the works were completed in 10 weeks.

The completed project was inspected by The Royal Society for the Prevention of Accidents (ROSPA) against the requirements of the British Standard *BS EN 14974 'Facilities for Users of Roller Sports. Equipment — safety requirements and test methods'* for which it was found to comply. Of note is that whilst the report confirms compliance with the non-destructive requirements of *BS EN 14974*, it places the facility in the 'high risk' category on account of the nature of the sport. However, this is a typical category for a skatepark where the risk is manageable.

## General Description of Works

The works included excavation, installation of drainage and construction of the skatepark from blockwork and sprayed concrete. The extension had to be joined to the original skatepark which involved careful consideration of levels. The skatepark was designed to meet the requirements of *BS EN 14974 'Facilities for Users of Roller Sports'*. The new design incorporates a range of skatepark obstacle facilities - see *General Accommodation* section below for details.

## Schedule of Areas

Original skatepark	261 m <sup>2</sup>
New extension to skatepark	324 m <sup>2</sup>
Total new extended skatepark	585 m <sup>2</sup>

## General Accommodation

Skatepark obstacle facilities incorporated	6 ft bowled quarter pipe
	4 ft mini ramp
	5.5 ft rollover (2 no.)
	Flat bank
	Along and down rail
	Euro gap
	Driveway
	5 ft jump box
	Pump bump
	5 ft quarter pipe
6 ft flat bank	



Landscaping completed with grass seed sown to areas around transition obstacle

## General Description of Key Specifications and Materials

Drainage	Precast recessed drainage channel to one side connected to a linear soakaway
Carcass of obstacles	Blockwork side walls with MOT Type 1 stone core infill
Surface finish	Sprayed concrete and hand finishing. Flat low level areas were power floated smooth and all transitions were hand floated to the same smooth finish
Ironwork	Galvanised steel handrails and grinding rails

## Summary of Elemental Costs

	Element	Total cost (£)	Cost (£) per m <sup>2</sup>
1	Materials	25,800	-
2	Plant	16,550	-
3	Labour	40,494	-
4	Preliminaries including temporary road onto site	6,050	-
5	Specialist contractor design fees	19,550	-
6	Specialist consultant fees (SE framework consultant)	890	-
<b>TOTAL CONTRACT SUM</b>		<b>109,334</b>	<b>-</b>

### Notes:

- Costs stated are based on first quarter 2014
- Costs stated exclude VAT
- Costs stated include a ROSPA inspection on completion
- Sport England provided £50,000 towards the costs (*Inspired Facilities* funding), Sileby Parish Council £20,334, and Charnwood Borough Council £39,000

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*...The project has been a great success with the key being an excellent contractor and sound project management. The facility has been well received by the community and a legacy for the local youth. We are most grateful for the financial support from Sport England and the other funders who made this project possible...*

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**Rosemary Richardson**

Clerk to Sileby Parish Council

[Click here for 'User Guide'](#)

[Click here for current 'Design and Cost Guidance'](#)

## Environmental Sustainability

Re-use and upgrade of an existing facility reducing quantity of new raw materials required and minimising disposal of waste materials away from the site

## Procurement / Programme

Tender	Four specialist skatepark contractors were invited to tender
Contract	<i>JCT Minor Works 2011</i>
Duration	10-week contract period to practical completion



Blockwork sides and hand-finished sprayed concrete construction method for obstacles



Drainage provided by a recessed channel to one side connected to a linear soakaway



Finished facility with grass well established on banked surrounds

All photographs provided by MSc - Consultants and Leicestershire County Council