

Span Notes



No. 5

Advance planning, good conditions, and teamwork at the jobsite keep Spancrete® projects on schedule

In all construction projects, the conditions at the jobsite affect the progress. With proper advance planning, teamwork, and a well organized site, all contractors and suppliers find it easier to complete their work on time. When unforeseen obstacles or problems arise, schedule delays often result.

During the erection phase, Spancrete requires access for long flatbed trucks and a crane which is relocated often during the construction. When the site has been properly planned and prepared, the Spancrete phase of the project can easily proceed on schedule.



The following are some of the steps and conditions which are mandatory for rapid, trouble-free Spancrete erection.

Site planning and inspection

As early as possible, the Spancrete manufacturer needs a site plan showing jobsite conditions and existing as well as final grades. By reviewing this, we can identify in advance conditions which may present access or crane reach problems.

A site inspection and meeting, if necessary, prior to erection will help confirm that the necessary access routes and crane setup locations are in place.

Permits

The General Contractor should obtain all necessary permits for construction, street use, and traffic control. The Spancrete manufacturer/erector will provide those permits required to move its equipment to the jobsite.

Sequence and schedule

Many Spancrete projects require only one erection move-in. Others are erected in two or more phases, possibly weeks or months apart. With proper and timely information, the Spancrete manufacturer can more easily schedule crews and equipment for the project. This makes it important for the customer to provide accurate schedule information early in the project and update it whenever necessary. Prior to each move in, the site condition should be reviewed.

Access

It is important for the General Contractor to provide jobsite roads that are firm, stable, and wide enough for the equipment involved. Spancrete cranes and trucks will not be moved into position except under their own power.

Crane operating locations have to be level, firm, and large enough for efficient operation. Ramps and inside access must be provided as preplanned.

Overhead obstructions must be carefully considered in the planning. Power lines may have to be moved or deactivated. Removal of tree limbs often is necessary.

All existing property which must be protected, such as underground utilities, trees, shrubs, existing asphalt and concrete, must be clearly identified.

Structure conditions

All necessary bracing and/or shoring of work performed by other trades must be in place before the Spancrete is installed.

Bearing surfaces must be smooth, true, level, and to grade to assure that the Spancrete deck is as flat and true as it was intended. Bond beams must be properly filled, troweled flat, and adequately cured.



All required supports including beams and lintels should be in place before the Spancrete erection begins. Block, steel, or other products should not be installed above the Spancrete bearing elevation prior to erection.

Those openings required to be located by the General Contractor and field cut by Spancrete should be promptly laid out.

Jobsite safety

All planning and scheduling should give strong consideration to conditions which might compromise safety on the jobsite.

Spancrete® Manufacturers Association Providing Quality Worldwide

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SPANCRETE® IS ALSO MANUFACTURED IN:

ARMENIA	AUSTRALIA	CHINA	DENMARK
EGYPT	GUATEMALA	JAPAN	KOREA
SPAIN	SWITZERLAND		

