



## Overview of a Precast Stair Delivery

### Preparation before delivery:

Truck access is very important. The delivery trucks are 13'-6" in height and average about 40 feet in length. Our trucks are heavy so damage may occur to driveway or lawns. Repairs to driveway, lawn or underground structures are not the responsibility of Shea Concrete Products. The stairs are set with a crane so overhead considerations must be made.

Check for:

- Overhead wires
- low tree branches that have to be trimmed
- know the location of your septic tank (our truck cannot drive over it)
- etc...

If existing stairs are precast, we can remove them for an additional charge as long as we can safely lift up as one unit.

Removal of the old steps may reveal that the wooden sill under the house is rotted due to constant exposure to moisture. If this is the case, the best time to repair it would be after the old stairs are removed. Depending on how bad the rot is, a carpenter may be needed to repair the area. It might help to have a carpenter lined up if you think you might have a problem with rot. Shea Concrete Products does not provide carpentry work.

After existing stairs are removed (or on a new site), any prep work needs to be done by others before we deliver stairs. Options for base prep can be bed of crush stone, a large concrete pad or frost footings if the situation requires it. Check with local building department. Shea Concrete Products does not apply for permits, permits to be done by owner or site contractor.

### Setting precast stairs:

The following are the basic steps during delivery of stairs.

1. Delivery truck will be required to drive on driveway or lawn to set stairs.
2. When necessary steel brackets are bolted to the foundation using concrete anchors. These will be used to catch the back legs of the stairs if a concrete pad or footing was not provided.
3. Small concrete pads may be used under each side of the steps toward the front of the unit for leveling purposes.
4. The precast stairs are then set on the base (or brackets and pads when necessary) using a boom truck. Plastic shims are used to make small adjustments as necessary.
5. The stairs are set with a slight pitch forward for water runoff.
6. If your stairs require railings, they would be put in place at this time. The railings have flanges on the posts and are anchored to the precast unit.

### After delivery of stairs:

In some cases additional work, provided by others, may be needed after delivery.

- Any finish work, such as kick board, trim or filling in gaps between building and stairs.
- Existing walkways may need to be repaired and/or adjusted after setting of stairs.
- Driveway or lawn may need to be repaired due to heavy delivery truck.
- It is recommended to paint railings yearly to help prevent rusting.
- **DO NOT Use Ice Melt on precast concrete stairs.**