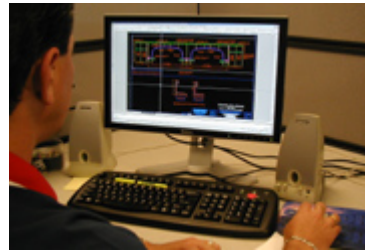


BEBO Process

- 1) **Project Consultation** – the local CONTECH Project Consultant evaluates your needs.



- 2) **Design** – using state-of-the-art bridge design procedures, your precast structure is designed to meet any code, loading or geometry requirements.



- 3) **Manufacture** – Quality is assured through controlled conditions for plant-produced concrete products.



- 4) **Transportation** – Arch units arrive on flat-bed trucks ready for installation.



- 5) **Arch Units** – Bridge units are lifted off the truck, rotated and set on strip footings, a base slab, or a deep foundation system.



- 6) **Foundation** – Hardwood wedges lock the arch in place on the footing until the keyway is grouted.



- 7) **Twin-Leaf Arches** – Larger twin-leaf arches are joined by the patented BEBO[®] crown joint.



- 8) **Joint Seal** – Arch units are grouted in the keyway and joints are sealed using a commercial joint wrap.



- 9) **Wingwalls** - Precast headwalls and wingwalls often facilitate an entire structure being set in one day.



- 10) **Backfill** – Concrete arch stiffness allows backfill to be placed and compacted quickly.



- 11) **Finished Bridge** – The finished bridge is quickly ready for traffic. Many aesthetic end treatment options are available.

