

FLEET™ FOUNDATION SYSTEM

NEW ECO-SPAN® PRECAST CONCRETE FOUNDATION SYSTEM COMBINES THE SPEED OF PRECAST WITH THE ECONOMY OF CAST-IN-PLACE.

Advantages

Blocks are encapsulated in cast-in-place concrete, minimizing cold joints which could lead to premature reinforcing corrosion.

Optional bolt-on side forms are available. External form bracing (kickers) are not required.

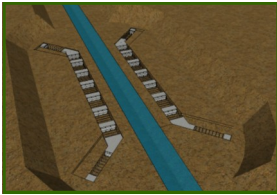
Pre-fabricated reinforcing cages are installed between precast blocks.

Lightweight blocks may be installed by small equipment, eliminating the need for extra crane time.

Speed—in most cases, no cast-in-place concrete (or curing) is required prior to arch installation.

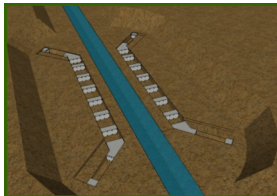
Continuity provided by shear keys and continuous reinforcing.

Process



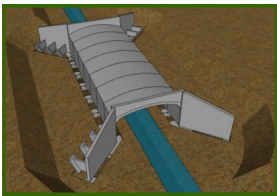
Fleet™ Foundation Blocks

When excavation is complete and a compacted gravel base is prepared, foundation pieces may be set with small equipment.



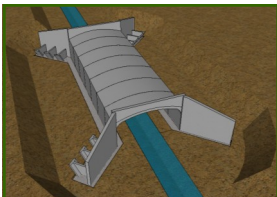
Reinforcing & Form Panels

Reinforcing cages are installed between blocks and longitudinal bars are added. Form panels are bolted to blocks, if required.



Arch and Wall Units

Bridge components are installed on precast foundation before any concrete is poured on site.



Add Concrete

Concrete is added to finish the precast/cast-in-place foundation system. Backfill may be placed when concrete reaches design strength.