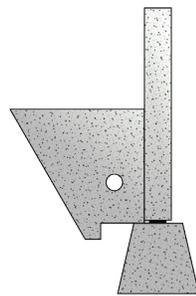


EXPRESS™ Foundations

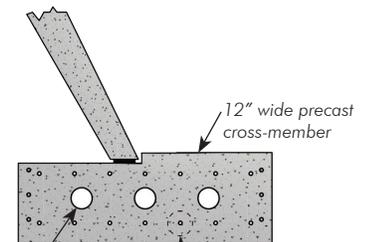
A precast foundation system that blends the speed of precast with the economy of cast-in-place

Benefits to You

- Provides ease and speed of installation
- Alleviates hazardous working conditions
- Trapezoidal foundation reduces wingwall concrete quantities
- Minimal reinforcement to be placed on site
- Pick weights and sizes customized to your equipment

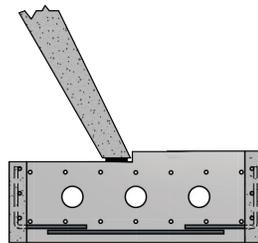


Cross section of wingwall foundation
(20% material savings versus rectangular foundation)



Blockout in precast cross-member for CIP concrete passage between cells

Blockout for shop-installed longitudinal reinforcing bars

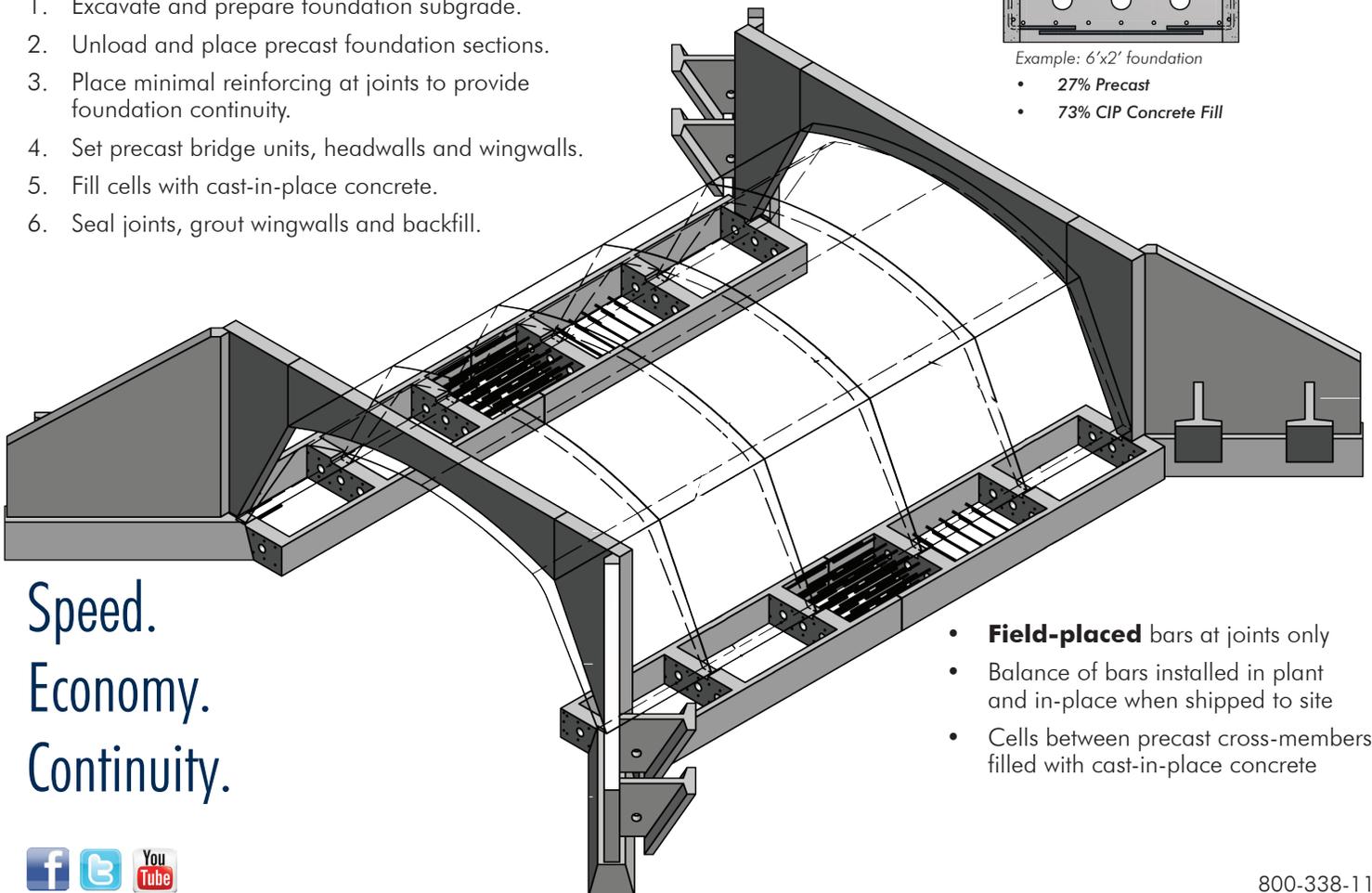


Example: 6'x2' foundation

- 27% Precast
- 73% CIP Concrete Fill

Construction Process

1. Excavate and prepare foundation subgrade.
2. Unload and place precast foundation sections.
3. Place minimal reinforcing at joints to provide foundation continuity.
4. Set precast bridge units, headwalls and wingwalls.
5. Fill cells with cast-in-place concrete.
6. Seal joints, grout wingwalls and backfill.

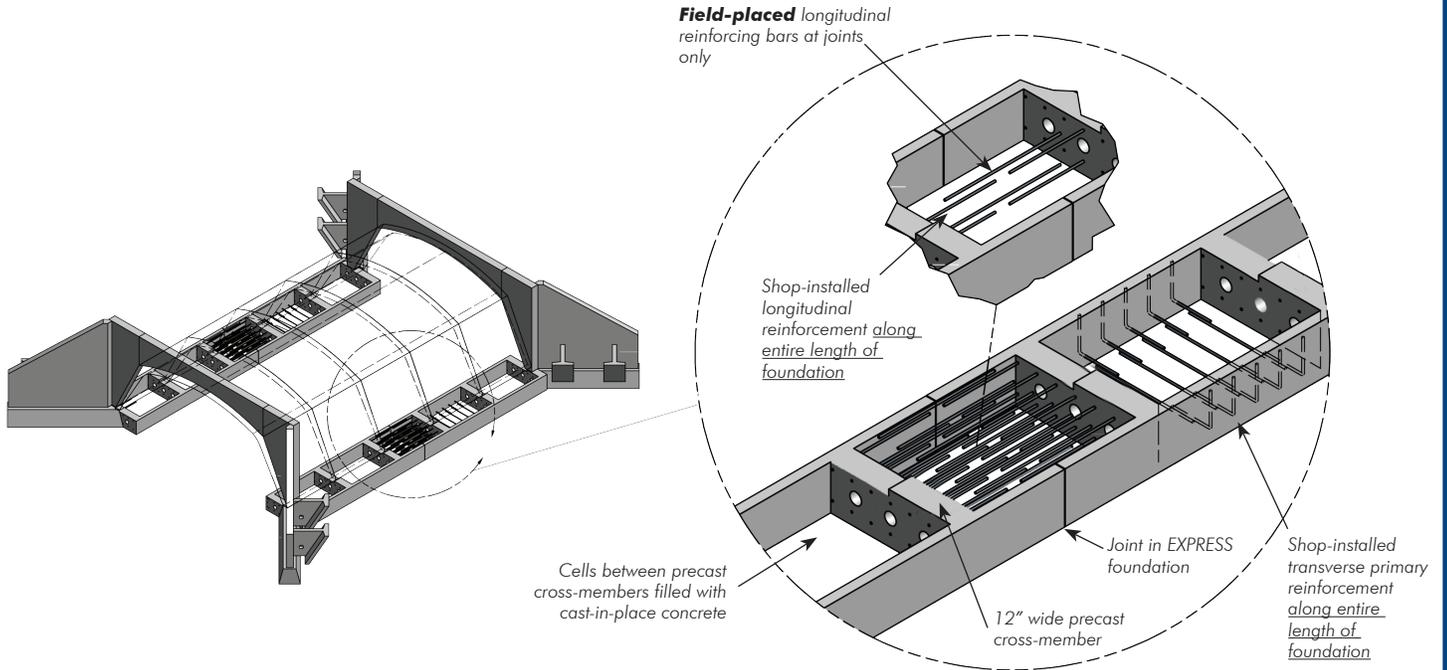


Speed.
Economy.
Continuity.

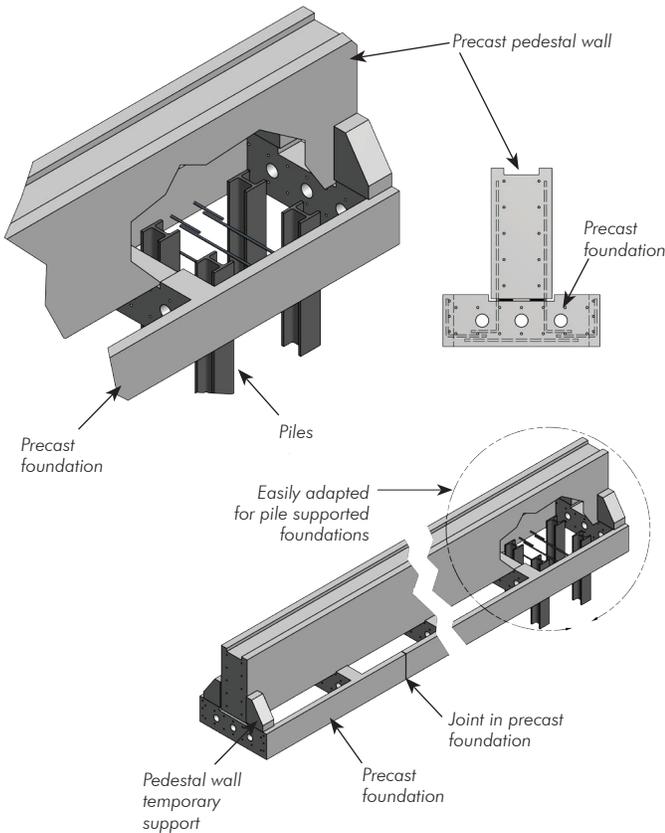
- **Field-placed** bars at joints only
- Balance of bars installed in plant and in-place when shipped to site
- Cells between precast cross-members filled with cast-in-place concrete



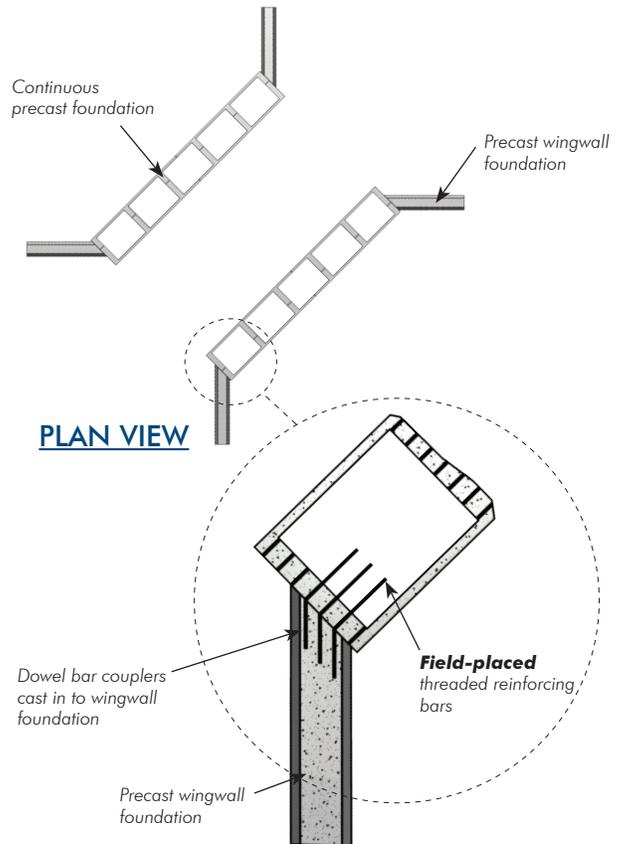
EXPRESS™ Foundation Details



FOUNDATION ISOMETRIC



PRECAST PEDESTAL WALL/PILE CAP FOUNDATION



PRECAST WINGWALL FOUNDATION