

SECTION 03 30 00
"Stay-Form" Cast-in-Place Concrete Forming
Meets "Buy American Procurement"

PART 1 GENERAL

1.1. SUMMARY

- A. Section Includes
 - 1. Supply and install a stay in place concrete forming system for permanent forms for structural cast in place concrete, as required on the drawings and Division 01.

1.2. SYSTEM DESCRIPTION

- A. Stay-Form®, the stay in place concrete form for pile caps, grade beams, blindside walls , tunnels, duct banks, bulkheads and construction joints.
- B. Formed by slitting and stretching galvanized sheet steel in a unique way to create alternating solid ribs between the expanded mesh portions all running the length of the sheet.

1.3. RELATED SECTIONS

- A. 01 91 13 Commissioning Concrete
- B. 03 06 00 Schedules for Concrete
- C. 03 10 00 Concrete Forming and Accessories
- D. 03 11 00 Concrete Forming
- E. 03 15 00 Concrete Accessories and Waterstops
- F. 03 30 00 Cast-In-Place Concrete

1.4. SECTION DOES NOT INCLUDE

- A. Reinforcing steel
- B. Concrete
- C. Anchor bolts, sleeves, and inserts
- D. Window and door opening bucks
- E. Penetrations

1.5. SHOW ON THE DRAWINGS

- A. Location of work
- B. Type(s) and spacing of strong backs
- C. Type(s) of finish
- D. Control joint locations

1.6. REFERENCES

- A. ASTM International
 - 1. ASTM A653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
 - 2. ASTM D1761 Mechanical Fasteners in Wood
- B. American Concrete Institute (ACI)
 - 1. ACI 347 Guide to Formwork for Concrete
- C. State of California, Department of Transportation (Caltrans), Standard Specifications:
 - 1. Section 51 Concrete Structures

1.7. QUALIFICATIONS

- A. Manufacturer Qualifications: Minimum 10 years experience in manufacture of concrete forming systems.
- B. Contractor Qualifications: Minimum 5 years experience in installation of concrete forming systems.

1.8. STORAGE AND HANDLING

- A. Materials shall be protected against damage from weather, vandalism, and theft. In the event of freight damage, note freight bill and contact manufacturer immediately.
- B. The contractor is responsible for the proper handling and storage of materials upon delivery to the job site.

1.9. QUALITY ASSURANCE