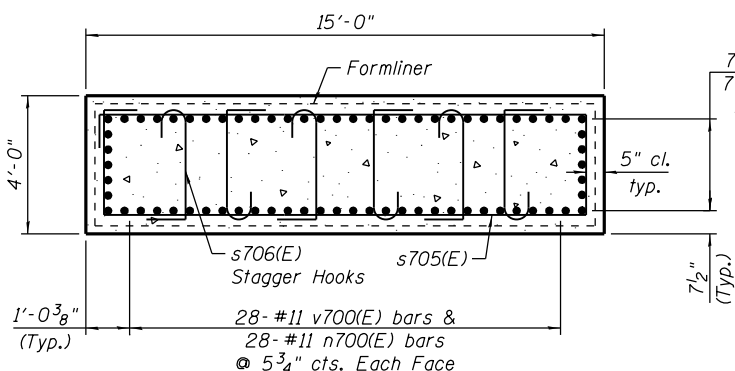
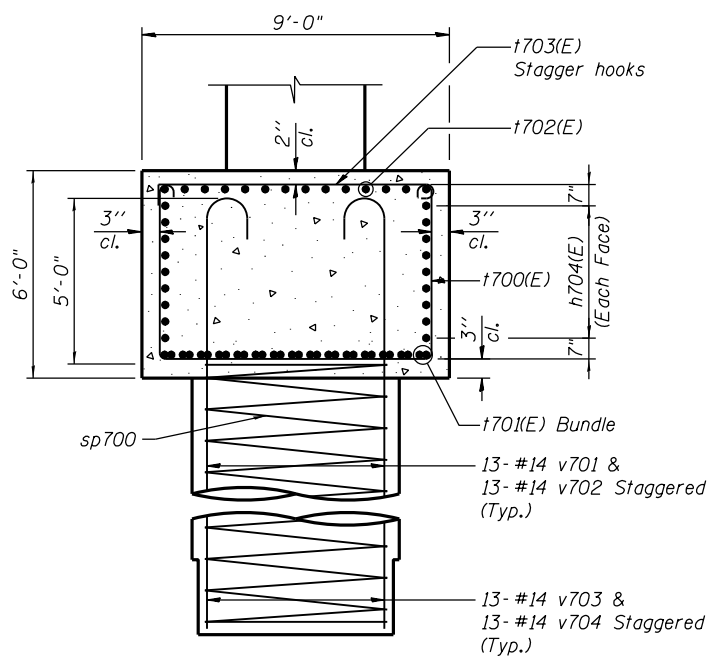


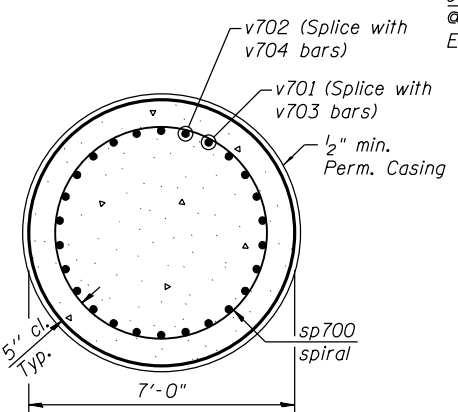
SECTION A-A



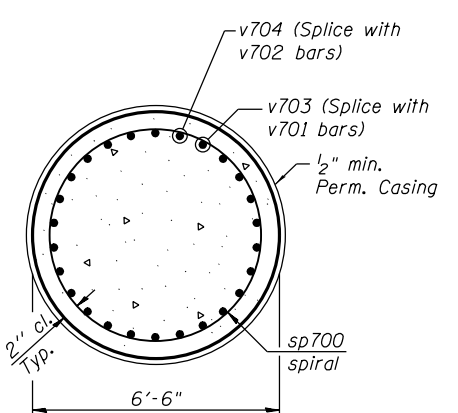
SECTION B-B



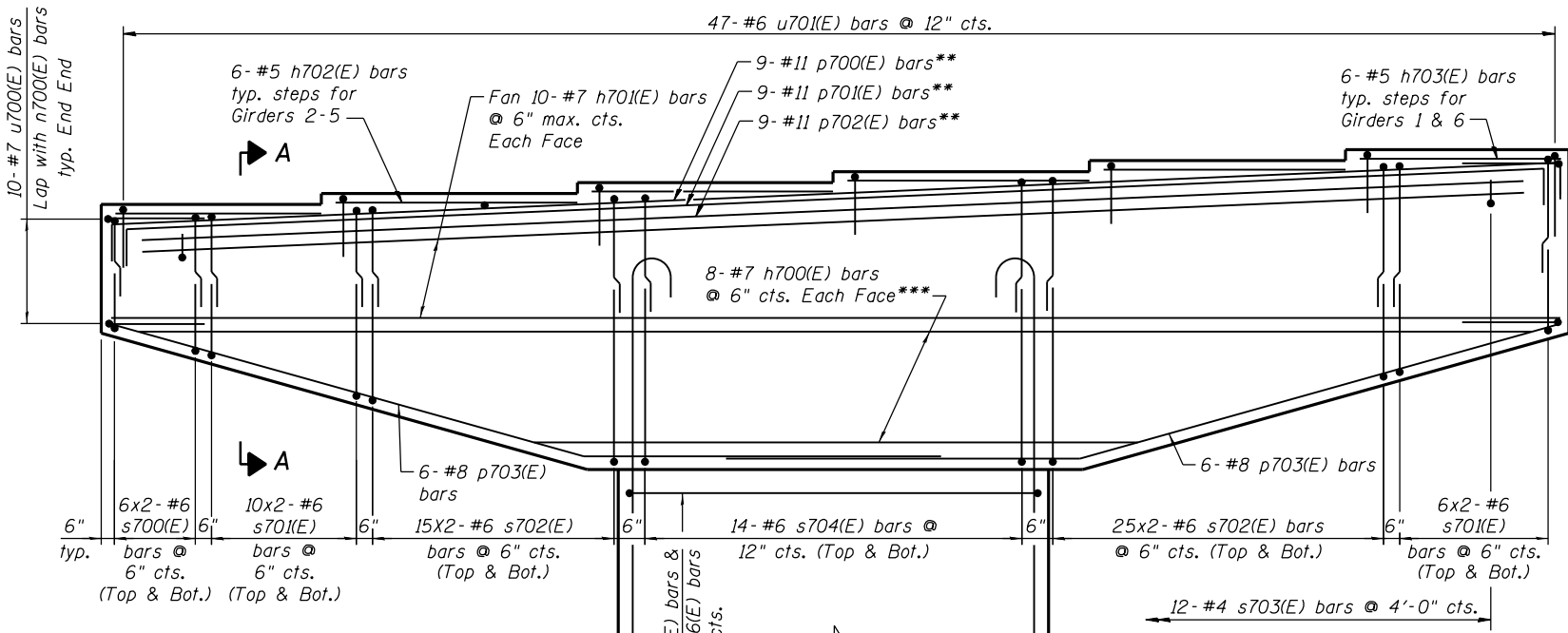
SECTION C-C



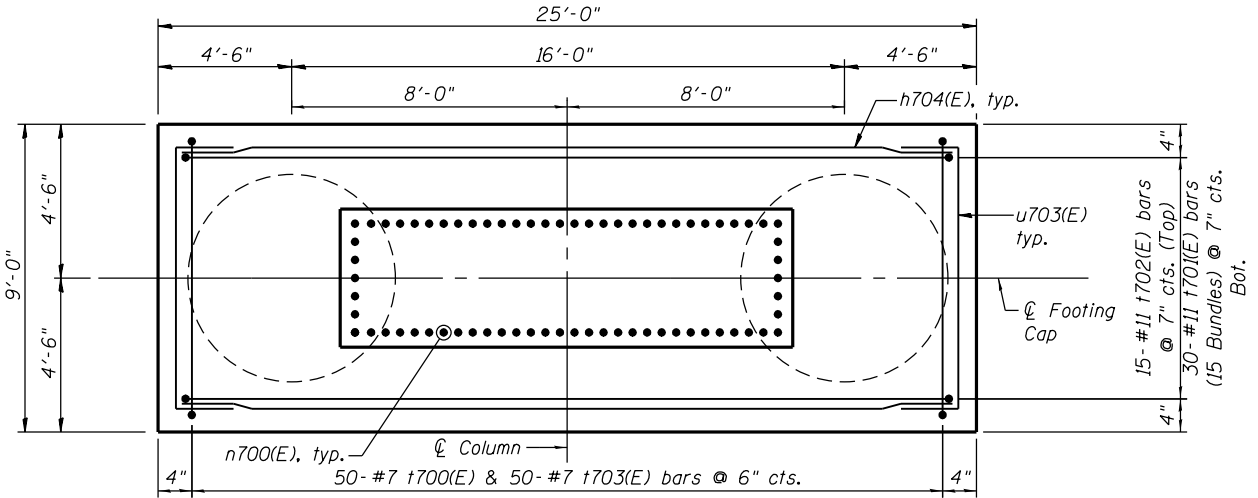
SECTION D-D



SECTION E-E



ELEVATION
(Looking North)
25'-0"



FOOTING PLAN

** Slope with bearing steps.
*** See Field Cutting Diagram on sheet S-130.

- NOTES:**
1. Space reinforcement in cap to miss anchor bolts.
 2. sp700 spiral
1) Provide 1/2 extra turns top and bottom. Extend spiral 3" into pile cap. Provide 4-#4 spacers or equivalent.
2) When splicing spiral reinforcement is necessary, the spirals shall be provided with 1/2 extra turns at the ends to be spliced. These additional turns shall either be welded together according to AWS D1.4, or shall both terminate with a 135° standard hook.
 3. Contractor shall use Mechanical Splicers in drilled shaft that will fit between spirals. Contractor shall field adjust spiral pitch to 12" maximum at Mechanical Splicer locations.
 4. A Drilled Shaft shall be tested in accordance with Special Provisions for Crosshole Sonic Logging.
 5. Contractor is responsible for determining the casing thickness and the actual tip elevation to be used. See Article 516.06(d) of the Standard Specifications. Pay limits for the Permanent Casing are based on the minimum length shown.

0161705-60W28-S131-Pier.dgn



USER NAME = floresg	DESIGNED - RD	REVISED
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISED
PLOT DATE = 5/7/2014	DRAWN - BM	REVISED
	CHECKED - RD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 7 DETAILS
STRUCTURE NO. 016-1705

SHEET NO. S-131 OF S-165 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 447
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	