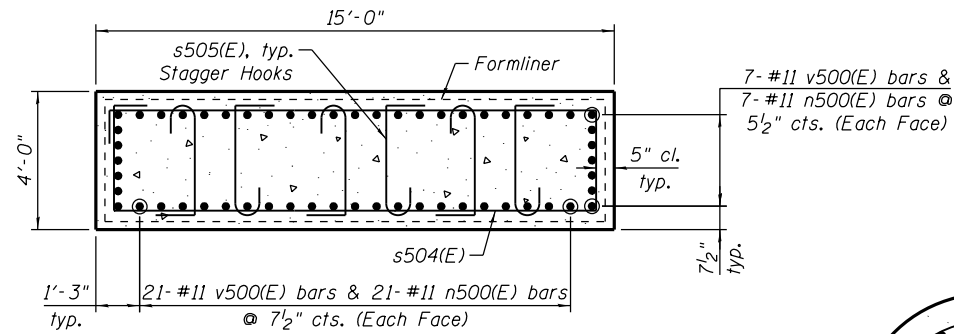
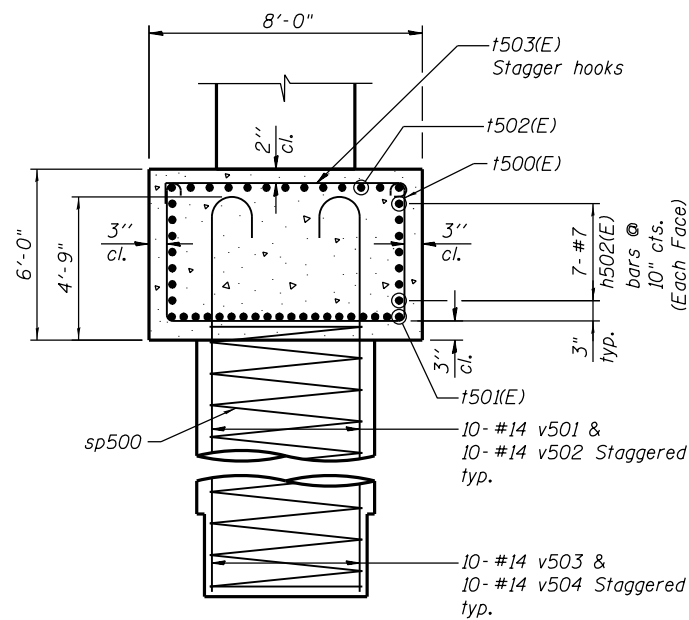


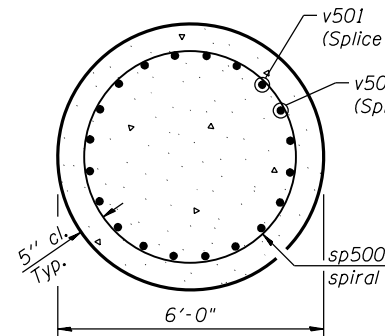
SECTION A-A



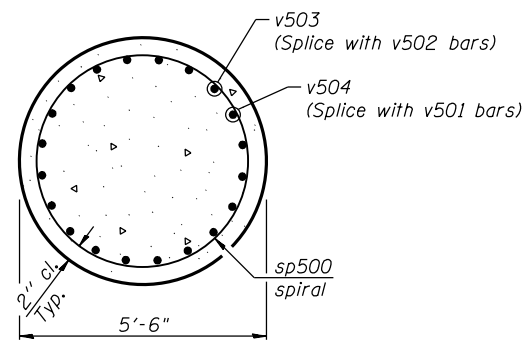
SECTION B-B



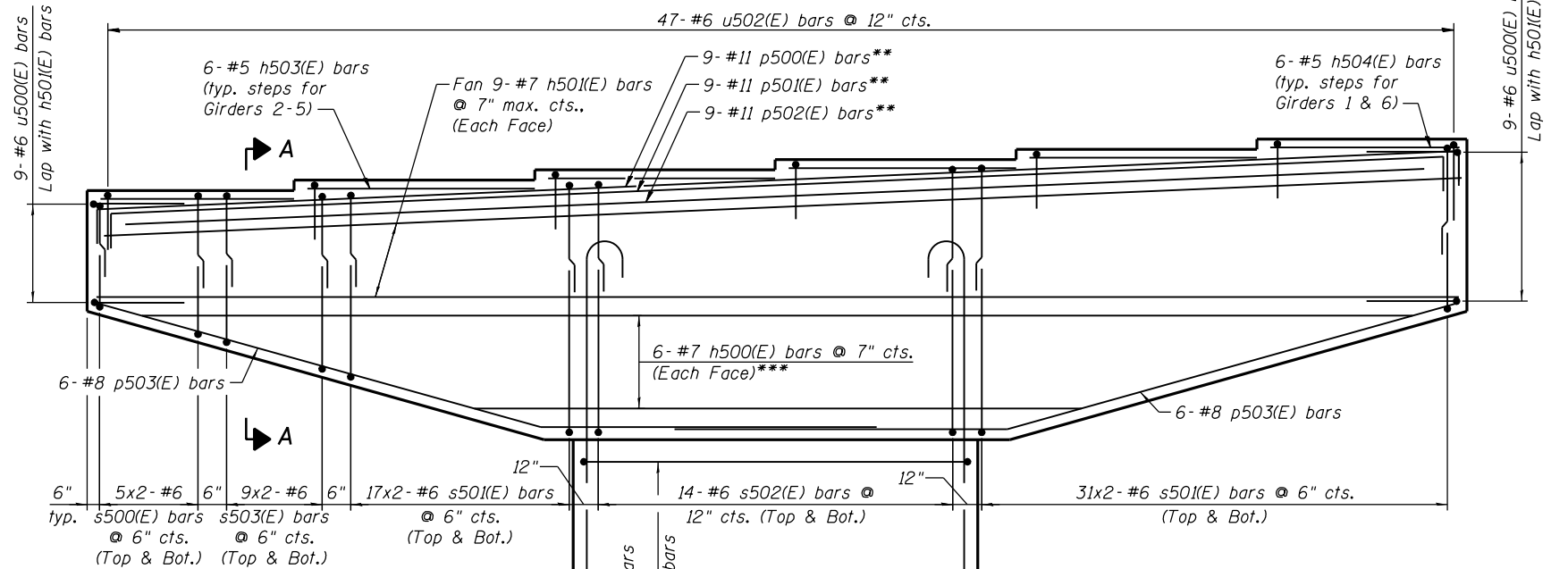
SECTION C-C



SECTION D-D



SECTION E-E

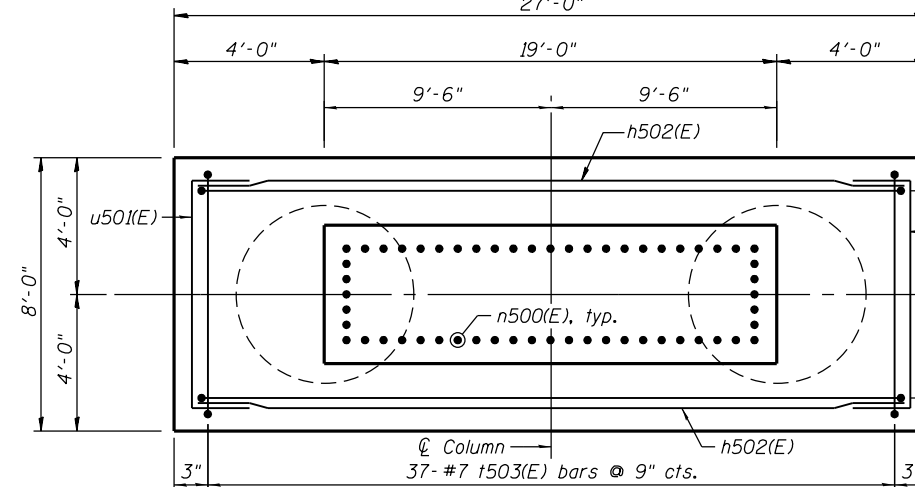


ELEVATION
(Looking North)
27'-0"

** Slope with bearing steps.
*** See Field Cutting Diagram on sheet S-126.

7-#7 u501(E) bars
@ 10" cts.
(Each Face)
Lap with h502(E) bars

6" Pitch, typ.
1-#6 sp500 bar, typ.
See Note 2



FOOTING PLAN

NOTES:

- Space reinforcement in cap to miss anchor bolts.
- sp500 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.
- 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.
- A Drilled Shaft shall be tested in accordance with Special Provisions for Crosshole Sonic Logging.

0161705-60W28-S127-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 5 DETAILS
STRUCTURE NO. 016-1705

SHEET NO. S-127 OF S-165 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	443
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT				