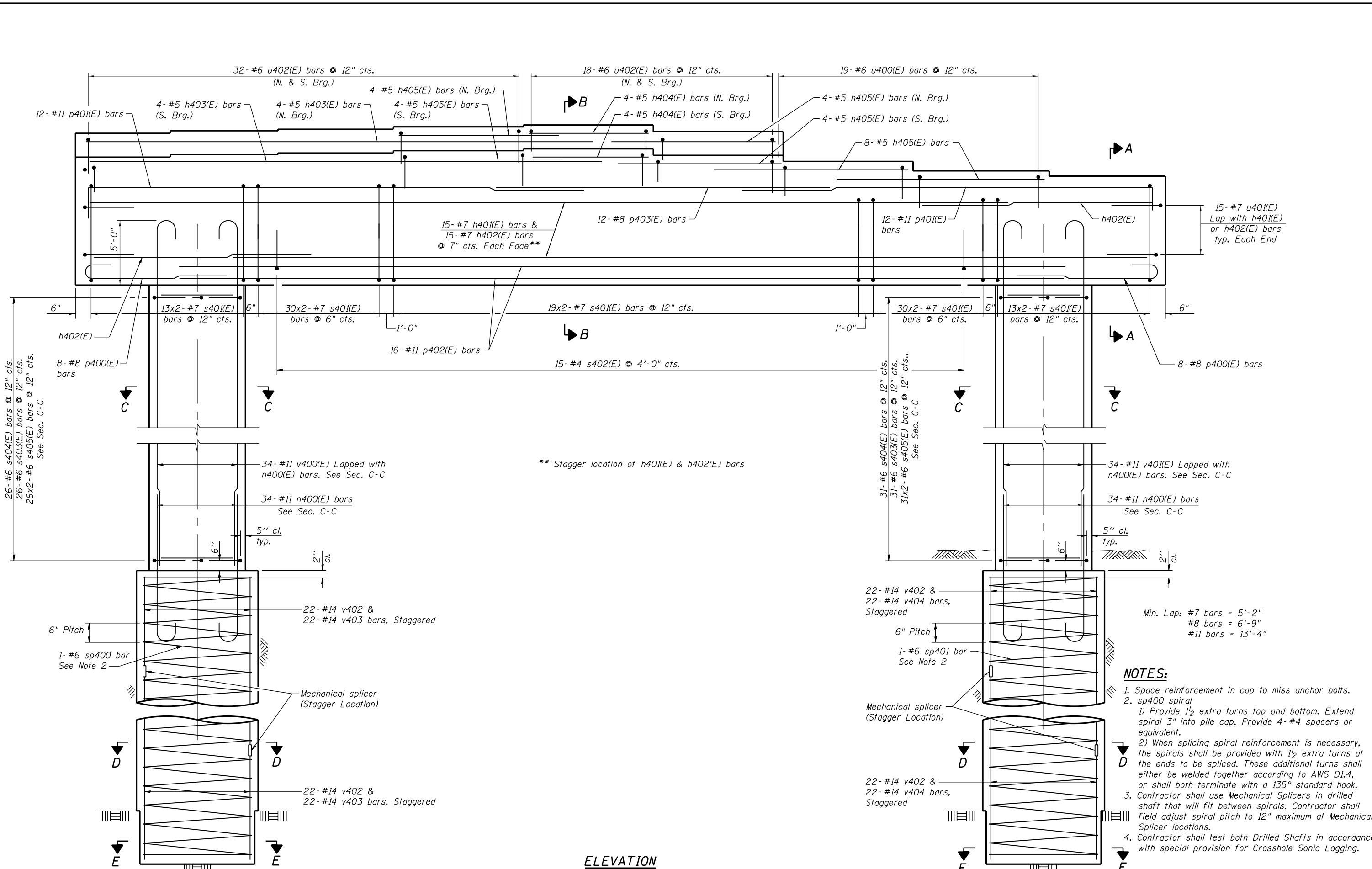


0161705-60W28-5124-Pier.dgn



\*\* Stagger location of h401(E) & h402(E) bars

- NOTES:**
1. Space reinforcement in cap to miss anchor bolts.
  2. sp400 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. Contractor shall test both Drilled Shafts in accordance with special provision for Crosshole Sonic Logging.

**ELEVATION**  
(Looking Up Station)

**PIER 4 DETAILS I**  
**STRUCTURE NO. 016-1705**

SHEET NO. S-124 OF S-165 SHEETS



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**

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 440
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	