



- Notes:
- Space reinforcement in cap to miss anchor bolts.
 - sp360(E), sp361(E) or sp362(E) spiral
 - Provide 1/2 extra turns, shop welded together per AWS D1.4 top and bottom. Extend spiral 2" into pier cap. Provide 4-#4 spacers or equivalent.
 - 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 column and drilled shaft that will fit between spirals.
 - Contractor shall test the Drilled Shaft in accordance with special provision for Crosshole Sonic Logging.

Min. Lap Lengths
#5 bars: 3'-3"



USER NAME =
PLOT SCALE = 0.166667' / IN.
PLOT DATE = 8/15/2011

DESIGNED - DDB
DRAWN - BRD
CHECKED - LLV
DATE - 08-12-11

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER - S.N. 082-0324 - PIER 4 - DETAILS
I-70E OVER I-55, CSX & KCS RAILROADS

SCALE: SHEET S-182 OF 5-234 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-2	ST. CLAIR	399	309
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		