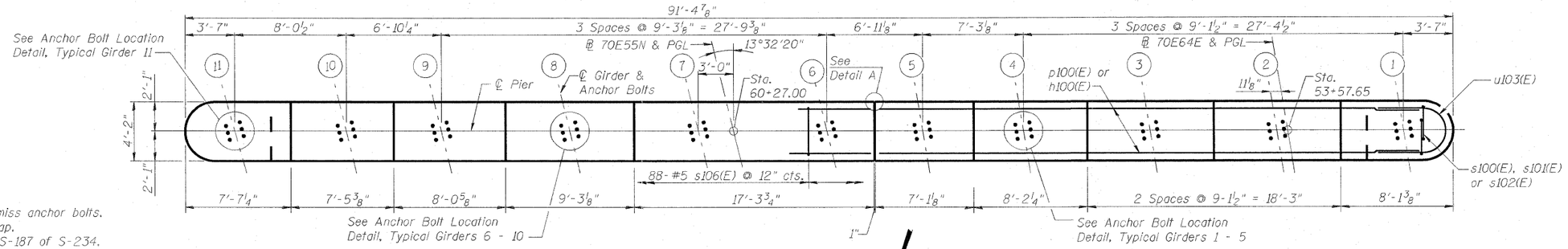
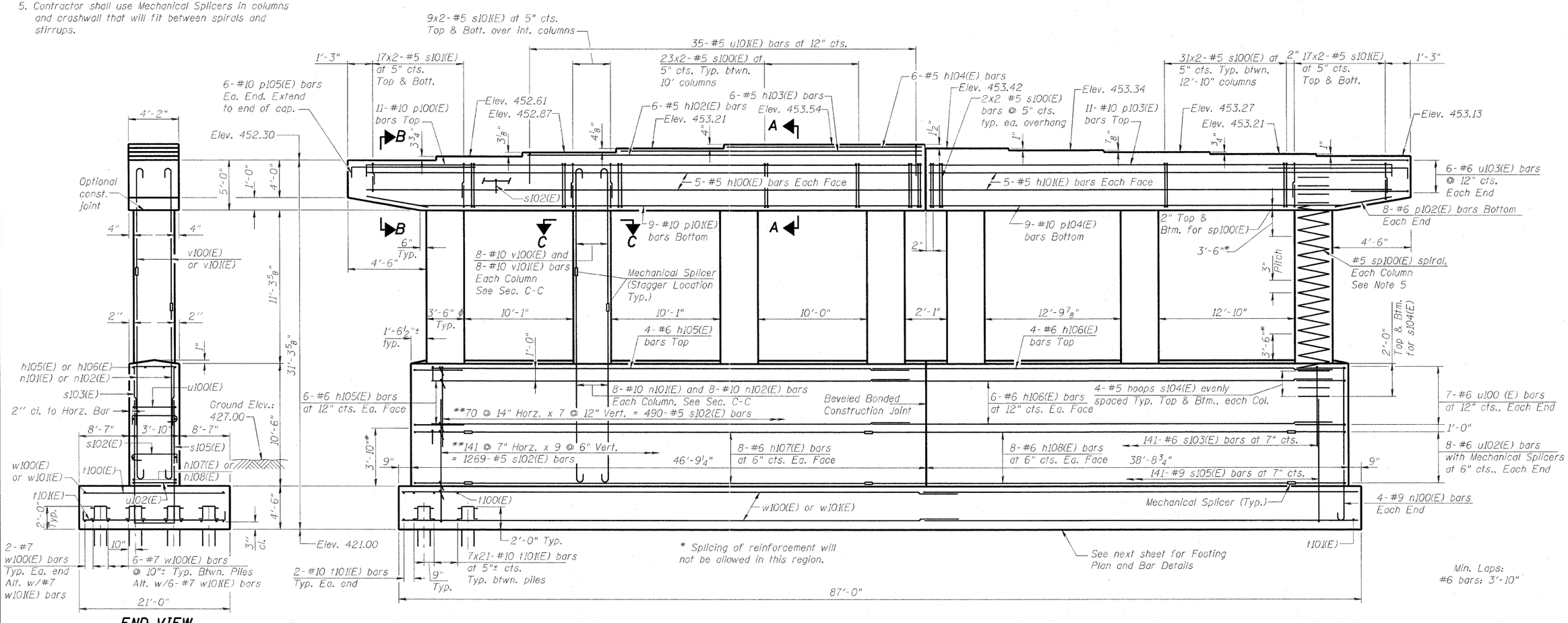



## TOP PLAN

Notes:

1. Space reinforcement in cap to miss anchor bolts.
2. Pour steps monolithically with cap.
3. For details of piles, see sheet S-187 of S-234.
4. #5 sp100(E) spiral, each column
   1) Provide 1½ extra turns, shop welded together per AWS D1.4 top and bottom. Extend spiral 2" into pier cap & crashwall. Provide 4-#4 spacers or equivalent.
   2) When splicing spiral reinforcement is necessary, the spirals shall be provided with 1½ 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.
5. Contractor shall use Mechanical Splicers in columns and crashwall that will fit between spirals and stirrups.




## END VIEW

## ELEVATION

(Looking East)

**Both hooks of s102(E) bars shall engage horiz. & vert. bars and 90° hook on two successive s102(E) bars on same vert. bar shall be alternated end for end. Includes row of s102(E) bars on the top mat of pile cap.

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| | | | |
|---|---|---|---|
| AECOM | USER NAME = | DESIGNED - DDB | REVISED - |
| | | DRAWN - BRD | REVISED - |
| | PLOT SCALE = 0.166667 ' / IN. | CHECKED - LLV | REVISED - |
| | PLOT DATE = 5/30/2011 | DATE - 07-01-11 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PIER – UNIT 2 – PIER 5 – PLANS & ELEVATIONS**
**I–70E OVER I–55, CSX & KCS RAILROADS**

SCALE: | SHEET S-156 OF S-234 SHEETS | STA. | TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 70 | 82-1-B-2 | ST. CLAIR | 399 | 283 |
| S.N. 082-0322 & S.N. 082-0324 | | CONTRACT NO. 76C76 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |