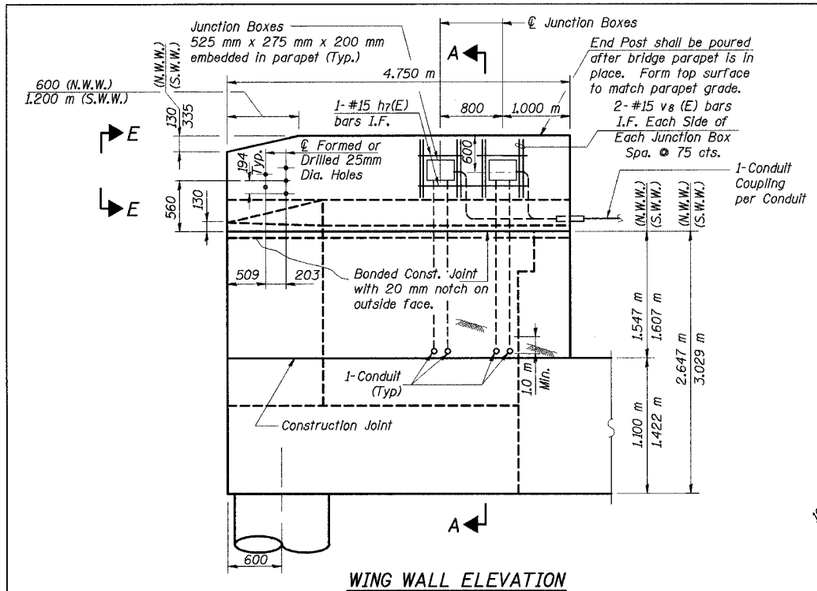
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

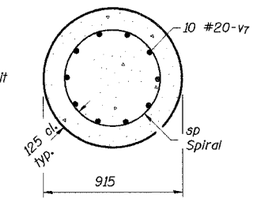
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F. A. I. 80/94 | • | COOK | 870 | 643 |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT- | | |

• (0203.1 & 0312-708W) R-3 CONTRACT NO. 62108

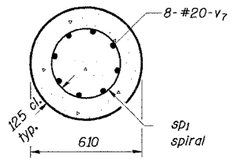
SHEET NO. 33
56 SHEETS



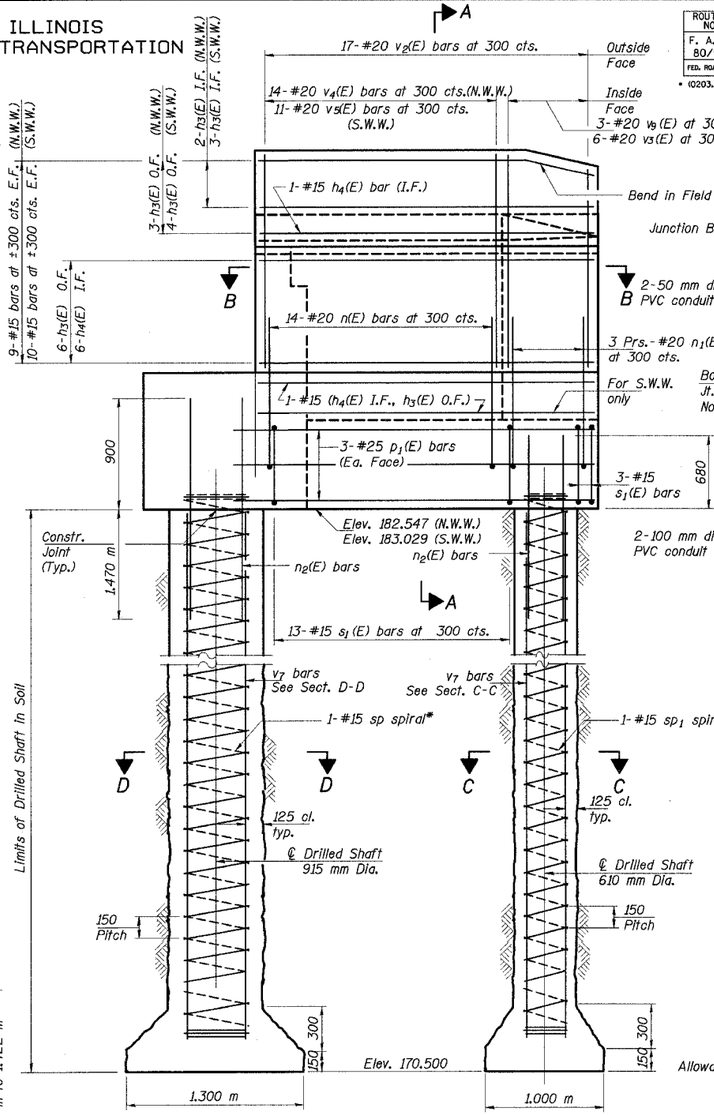

WING WALL ELEVATION
Showing Dimensions




SECTION D-D




SECTION C-C





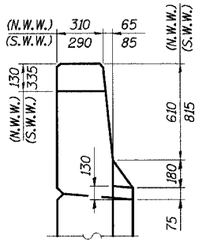


SEC. A-A

* Provide 1½ extra turns top and bottom of each drilled shaft. Extend spiral 50mm into abutment or wingwall cap.
Provide min. 4-#15 spacers or equivalent.
Min. lap for spirals = 640 mm

Allowable bearing capacity 720 KPa.

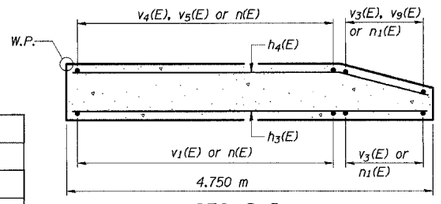
WING WALL & DRILLED SHAFT ELEVATION
Showing Reinforcement




VIEW E-E




SEC. THRU ABUT.
* Measured along ℄ Prop. I-94 EB




SEC. B-B

ABBREVIATION
S.W.W. South wingwall
N.W.W. North wingwall

Notes:

1. The quantities and detailing of drilled shafts are based on the estimated elevations shown on the plans. The actual elevations may differ at each shaft and corresponding adjustments shall be made to the drilled shaft and reinforcement quantities and payment limits.
2. Drilled shafts shall be installed as per IDOT Guide Bridge Special Provision for drilled shafts.
3. Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with "Concrete Superstructure" on sheet 16 of 56.
4. Space reinforcement in cap to miss anchor bolts.
5. Pour steps monolithically with cap.
6. Reinforcement bars designated (E) shall be epoxy coated.
7. Quantity of concrete in end post included with "Concrete Superstructure" on sheet 16 of 56.
8. All dimensions are in millimeters (mm) except as noted.
9. Work this sheet with sht. 32 of 56.

| | |
|---|---|
| DESIGNED | R.A. |
| CHECKED | M.R. |
| DRAWN | R.A. |
| CHECKED | M.R / H.T. |

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

WEST ABUTMENT DETAILS

EB I-94 OVER THORN CREEK
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 20+809.000 STRUCTURE NO. 016-2807

DATE: 7/18/05
SCALE: NTS

Soodan
Soodan & Associates, Inc.
100 North LaSalle Street, Suite 1800
Chicago, Illinois 60602

JBeauchamp
p:\34562\CADD\DGN\SN_2807\eds\CTR_19_2807\ab190124a_2807.dgn
28-SEP-2005 13:55