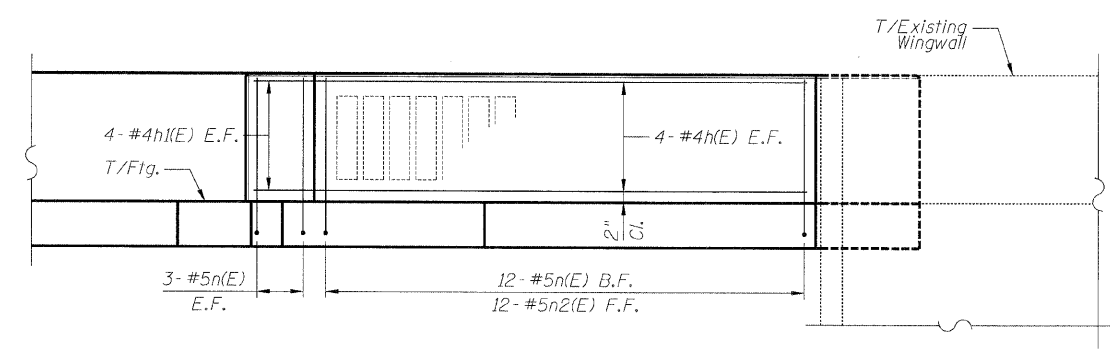


| | | | | |
|---------------------|---------------------------|--------|--------------|-----------|
| F.A.I. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 94/90 | | COOK | 22 | 13 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |

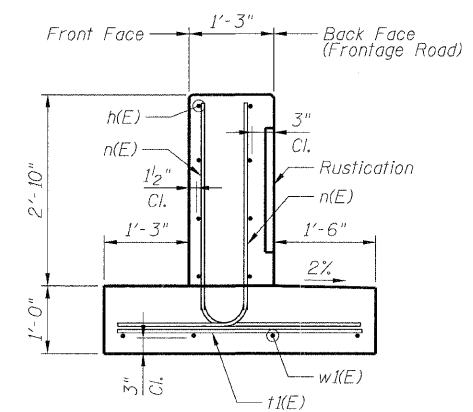
62999



ELEVATION

DETAIL A REINFORCEMENT SCHEDULE AND BILL OF MATERIAL

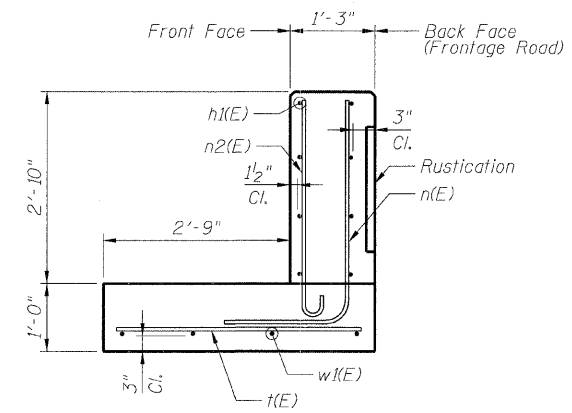
| Bar | No. | Size | Length | Shape |
|----------------------------------|-----|---------|--------|-------|
| h1(E) | 8 | #4 | 10'-9" | — |
| h2(E) | 8 | #4 | 2'-10" | — |
| h3(E) | 2 | #4 | 4'-0" | — |
| n(E) | 18 | #5 | 5'-6" | L |
| n2(E) | 15 | #5 | 4'-0" | — |
| t(E) | 20 | #6 | 3'-8" | — |
| w(E) | 4 | #4 | 12'-4" | — |
| w1(E) | 4 | #4 | 4'-8" | — |
| Item | | Unit | Qty. | |
| Concrete Structures | | Cu. Yd. | 2.5 | |
| Concrete Superstructure | | Cu. Yd. | 1.9 | |
| Reinforcement Bars, Epoxy Coated | | Pound | 400 | |
| Rustication Finish | | Sq. Ft. | 35 | |
| Protective Coat | | Sq. Yd. | 8 | |



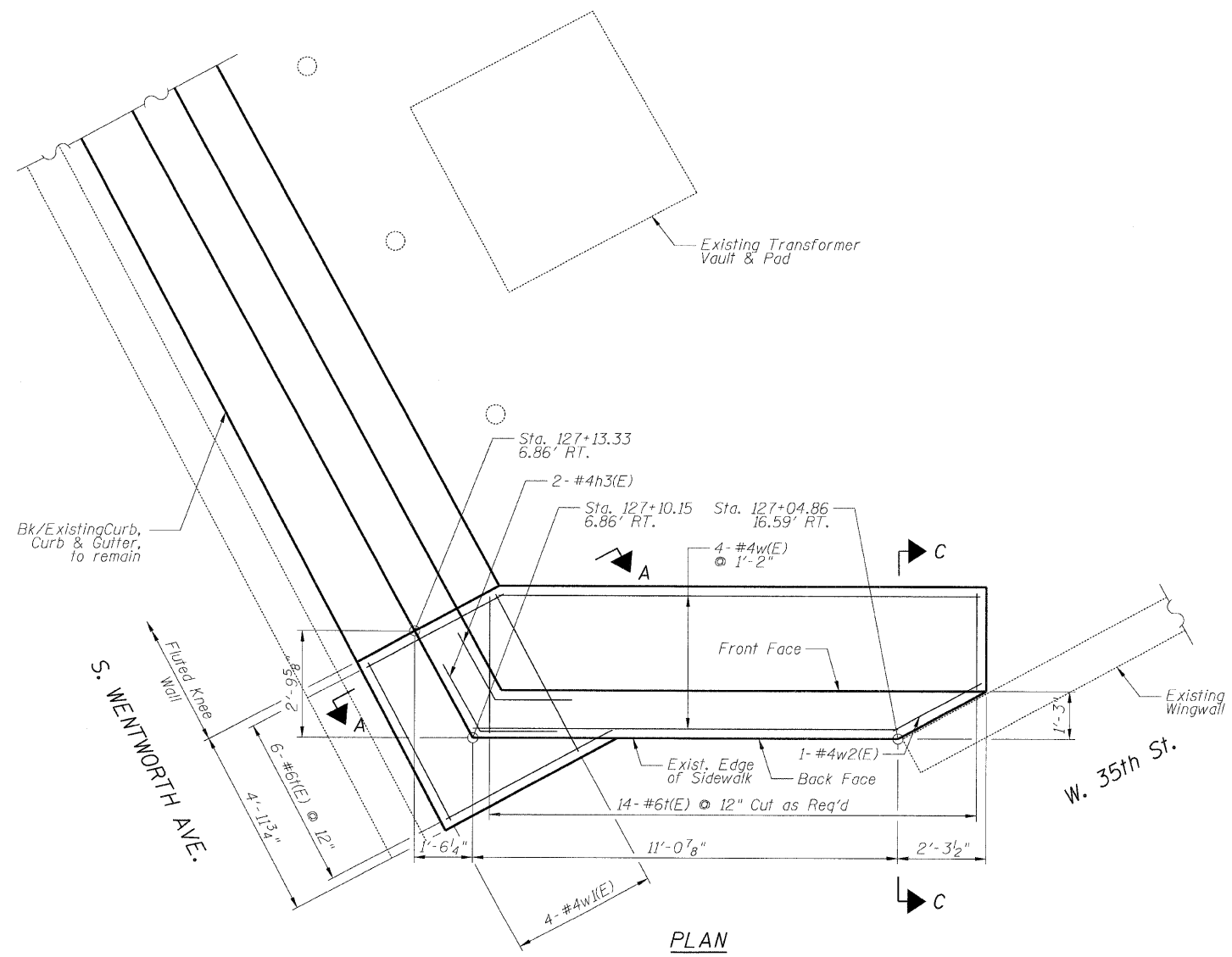
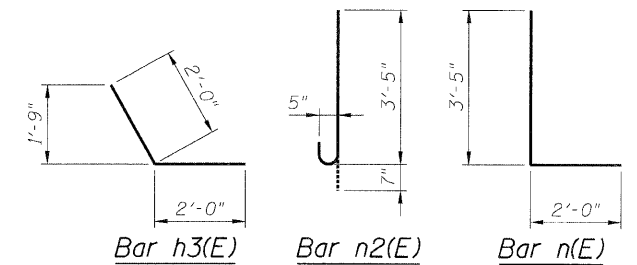
SECTION B-B

NOTES:

- All stations and offsets measured from S. Wentworth Ave. \bar{L} .
- Back Face is face adjacent to Frontage Rd. and Front Face is face adjacent to Expressway.
- Concrete: $f'c = 3500$ psi
- Provide California Finish on top of foundation between stem and Frontage Road. See Roadway Details.
- At locations where Fluted Knee Wall abuts a rigid Structure, a 1" thick Preformed Expansion Joint Filler conforming to the shape of the Structure shall be installed between the Wall and the Structure.
- Apply Protective Coat to top and front face of stem and top of Frontage Road side of foundation.
- For Fluted Knee Wall standard details, see Sheet SD-1
- B.F. = Back Face
F.F. = Front Face
E.F. = Each Face



SECTION C-C



PLAN

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NORTHBOUND KNEE WALLS (35TH ST TO 33RD ST)

DETAIL A

SCALE: N.T.S.
DATE: 03/06/08

DRAWN BY: PAH
CHECKED BY: BLU

11/6/00 00:00:00 3/16/2008 3:50:23 PM