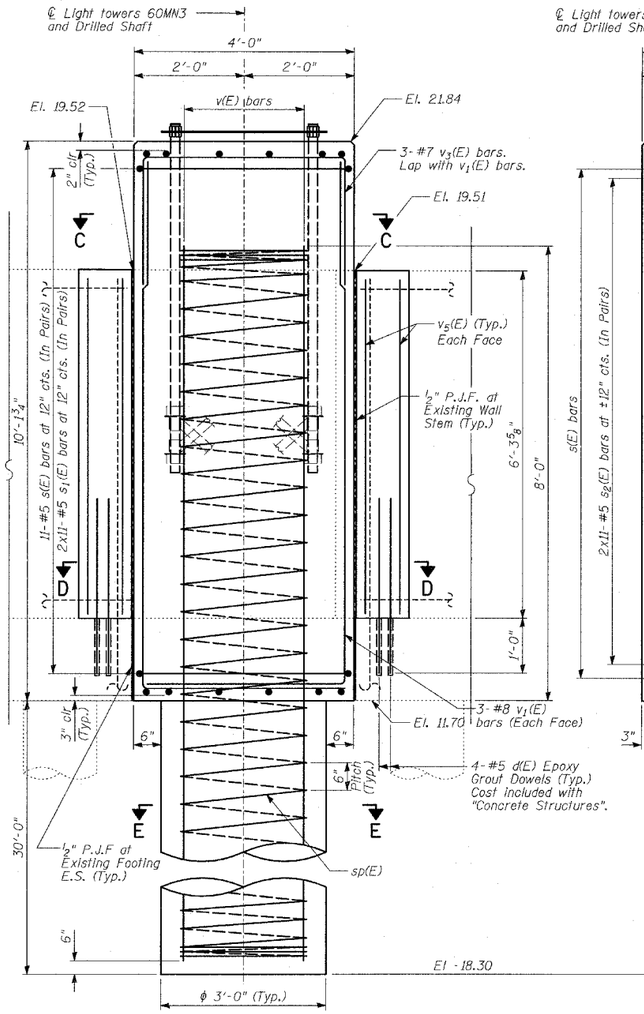
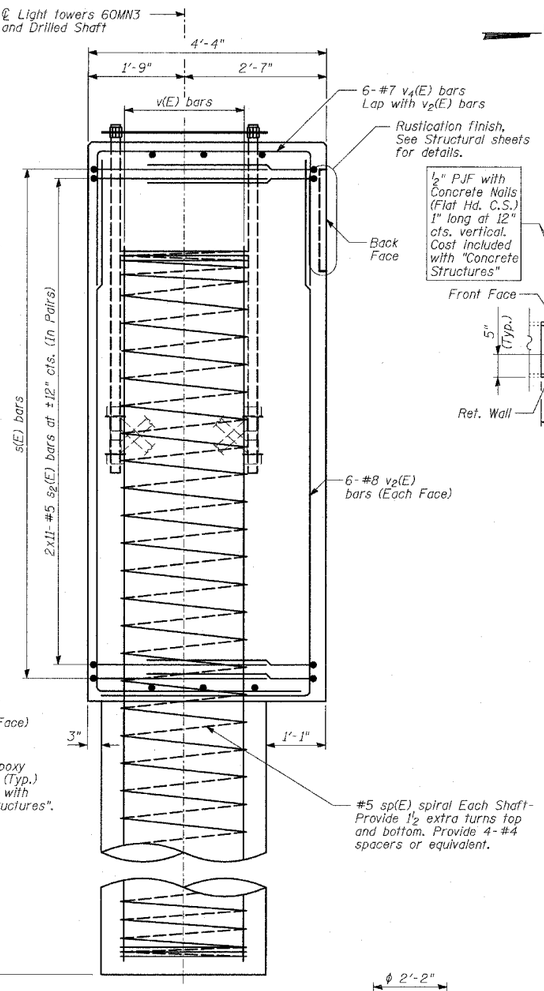
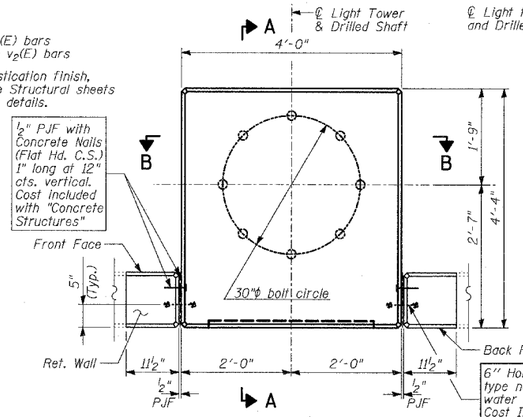


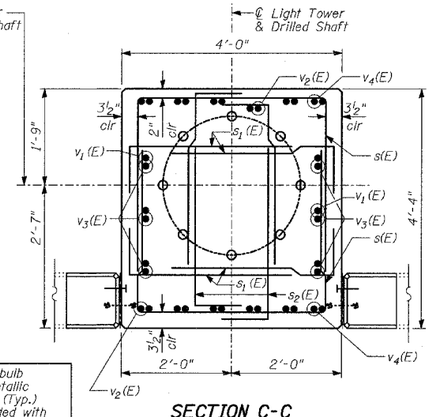

SECTION B-B



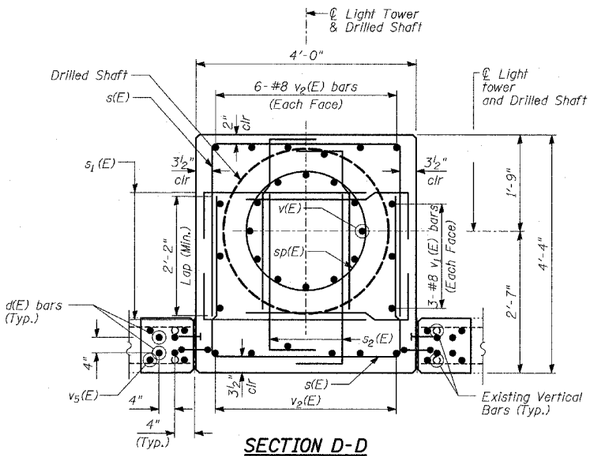

SECTION A-A



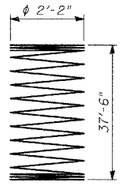

PLAN-LIGHT TOWER 60MN3



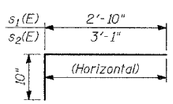

SECTION C-C



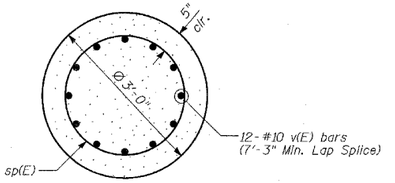

SECTION D-D



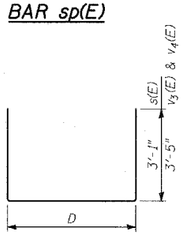

BAR sp(E)




BARS $s_1(E)$ & $s_2(E)$



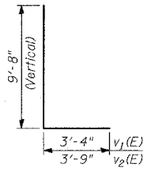

SECTION E-E




BARS s(E), $v_3(E)$ & $v_4(E)$

MARK TABLE

| Bar | D |
|---|---|
| s (E) | 3'-5" |
| $v_3(E)$ | 3'-4" |
| $v_4(E)$ | 3'-10" |




BARS $v_1(E)$& $v_2(E)$

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 94 | • | COOK | 860 | 406 |
| STA. 2200+00.00 | | TO STA. 2362+00.00 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| • (1516.1, 1717 & 1818) R-8 | | | | 62694 |

## BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| d(E) | 8 | #5 | 3'-2" | |
| s(E) | 22 | #5 | 9'-7" | |
| $s_1(E)$ | 44 | #5 | 3'-8" | |
| $s_2(E)$ | 44 | #5 | 3'-11" | |
| sp(E) | 1 | #5 | 37'-6" | |
| v(E) | 12 | #10 | 37'-6" | |
| $v_1(E)$ | 6 | #8 | 13'-0" | |
| $v_2(E)$ | 12 | #8 | 13'-5" | |
| $v_3(E)$ | 3 | #7 | 10'-2" | |
| $v_4(E)$ | 6 | #7 | 10'-8" | |
| $v_5(E)$ | 8 | #5 | 6'-0" | |
| Reinforcement Bars, Epoxy Coated | | POUND | | 3,970 |
| Structure Excavation | | CU YD | | 7 |
| Concrete Structures | | CU YD | | 7 |
| Protective Coat | | SQ YD | | 15 |
| Rustication Finish | | SQ FT | | 6 |
| Drilled Shaft in Soil 36" | | FOOT | | 30 |

Reinforcement bars designated (E) shall be epoxy coated.

## NOTES:

1. Conduit is not shown for clarity. For location of conduit, see Sheet 3 of 3.
2. Minimum lap for spirals = 2'-6"

SHEET 2 OF 3

| REVISIONS NAME | DATE |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| REVISED | 04/15/05 |

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

LIGHT TOWER 60MN3 FOUNDATION DETAILS

SCALE: N.T.S.
DATE: MARCH 18, 2005
DESIGNED BY: TD, MAF
DRAWN BY: DJR, MAF
CHECKED BY: MI, TD

TYLIN INTERNATIONAL

$FILE$ $TIME$ $DATE$