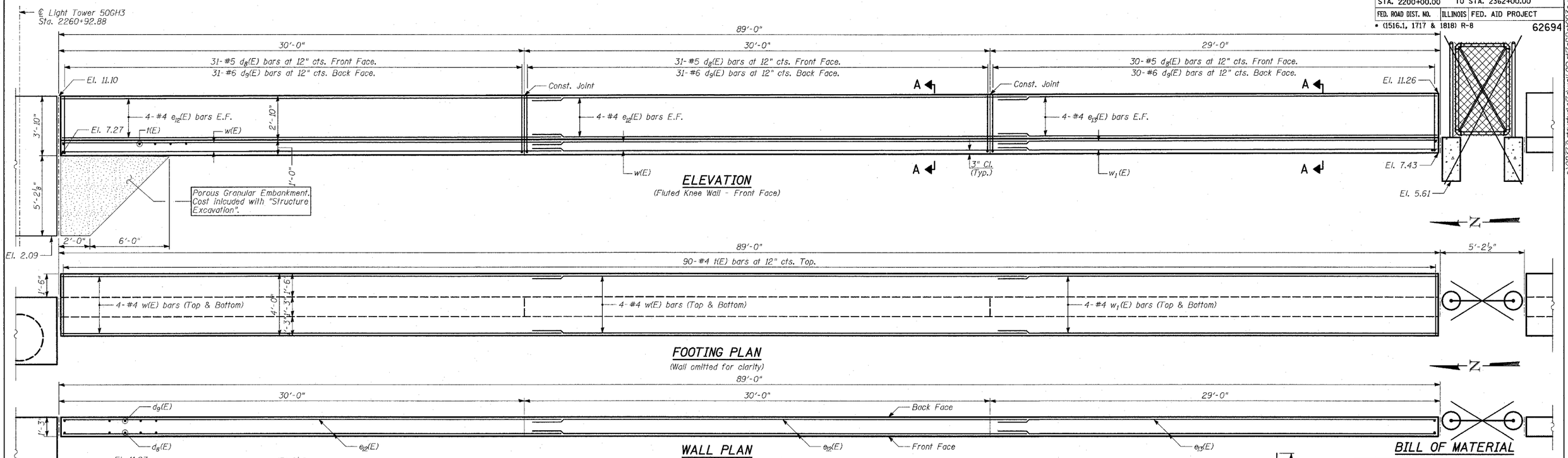
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 94 | • | COOK | 860 | 549 |
| STA. 2200+00.00 | | TO STA. 2362+00.00 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| • (1516.1, 1717 & 1818) R-8 | | | | 62694 |




## BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| $d_8$(E) | 107 | #5 | 5'-10" | |
| $d_9$(E) | 107 | #6 | 5'-6" | |
| $d_{10}$(E) | 2 | #5 | 6'-4" | |
| $d_{11}$(E) | 2 | #6 | 4'-9" | |
| | | | | |
| $e_{12}$(E) | 16 | #4 | 31'-8" | |
| $e_{13}$(E) | 8 | #4 | 28'-8" | |
| $e_{14}$(E) | 8 | #4 | 15'-5" | |
| | | | | |
| $s_3$(E) | 4 | #5 | 5'-3" | |
| | | | | |
| t(E) | 105 | #4 | 3'-8" | |
| $t_1$(E) | 2 | #4 | 2'-11" | |
| | | | | |
| w(E) | 16 | #4 | 31'-8" | |
| $w_1$(E) | 8 | #4 | 28'-8" | |
| $w_2$(E) | 6 | #4 | 15'-5" | |
| $w_3$(E) | 2 | #4 | 14'-5" | |
| | | | | |
| Reinforcement Bars, Epoxy Coated | | POUND | | 3,000 |
| Structure Excavation | | CU YD | | 32 |
| Concrete Structures | | CU YD | | 30 |
| Protective Coat | | SQ YD | | 113 |
| Rustication Finish | | SQ FT | | 193 |

Reinforcement bars designated (E) shall be epoxy coated.

SHEET 10 OF 23

## LAP SPLICES

| Bar | Lap |
|---|---|
| #4 | 1'-8" |
| #5 | 2'-2" |
| #6 | 2'-7" |
| #8 | 4'-6" |

## NOTES:

1. Work this sheet with Sheet 11 of 23.
2. Exposed top of footing towrds State Street to have "California Finish" treatment. Refer to Roadway Plans for details. Cost included with "Concrete Structures".

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
ENTRANCE RAMP FROM 87TH ST.
WALL 6

PLAN AND ELEVATION - FLUTED KNEE WALL

S.N. 016-W956 — DESIGNED BY: MI, MAF
SCALE: N.T.S. — DRAWN BY: MAF, DJR
DATE: MARCH 18, 2005 — CHECKED BY: TD, MI

TYLIN INTERNATIONAL

D:\0237.3\structural\rdwall 06\Rtf\dgn\W956dgn
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