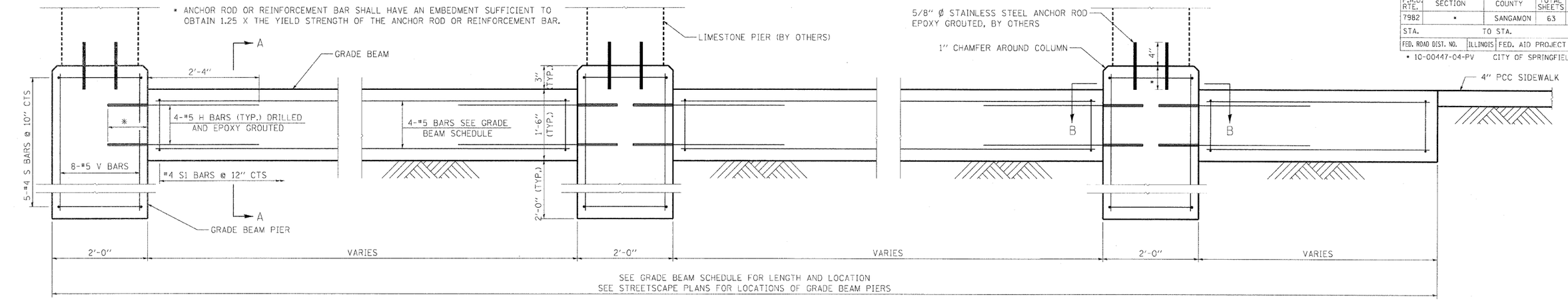
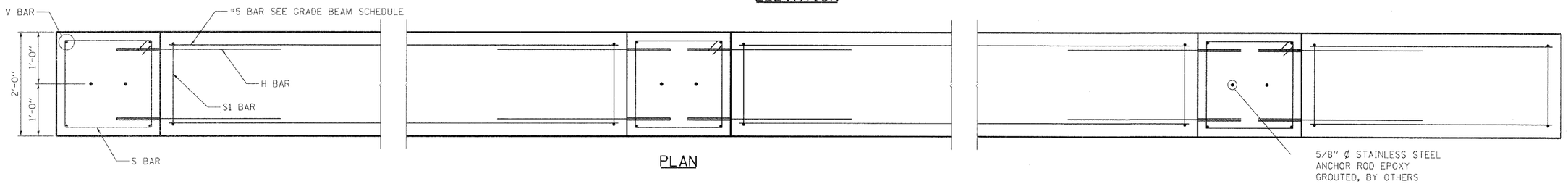
CONTRACT NO. 93544

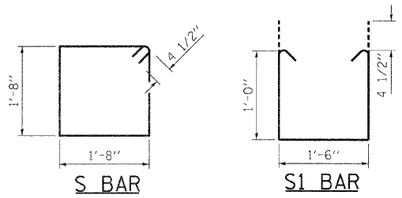
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 7982 | * | SANGAMON | 63 | 57 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| * IC-00447-04-PV | | CITY OF SPRINGFIELD | | |

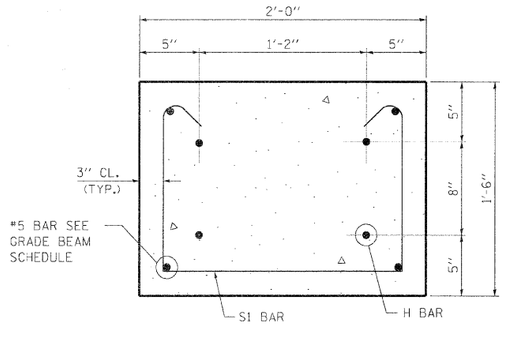



ELEVATION

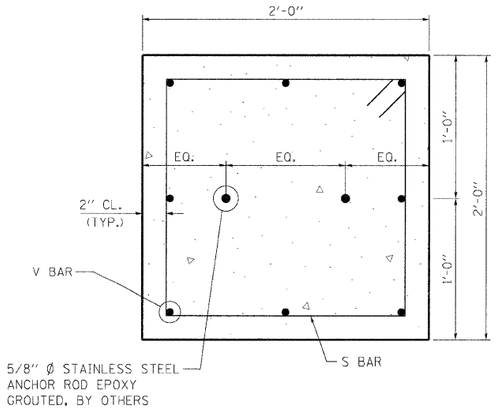



PLAN




GRADE BEAM SECTION A-A




GRADE BEAM PIER SECTION B-B

EQ. = EQUAL SPACING

**GRADE BEAM SCHEDULE**

| OFFSET | FROM STA. | TO STA. | LENGTH | #5 H BAR (LENGTH=3'-2") | #5 BAR (4 EACH) | #4 S1 BAR (LENGTH=4'-3") | REINFORCEMENT BARS | CONCRETE STRUCTURES | STRUCTURE EXCAVATION |
|---|---|---|---|---|---|---|---|---|---|
| | | | FEET | EACH | FEET IN. | EACH | POUNDS | CU YD | CU YD |
| LT | 66+25.71 | 66+35.90 | 10.19 | 4 | 9 10 | 11 | 85 | 1.1 | 3 |
| LT | 66+37.90 | 66+59.40 | 21.50 | 8 | 21 2 | 23 | 180 | 2.4 | 7 |
| LT | 66+61.40 | 66+82.90 | 21.50 | 8 | 21 2 | 23 | 180 | 2.4 | 7 |
| LT | 66+84.90 | 67+04.90 | 20.00 | 8 | 19 8 | 21 | 168 | 2.2 | 7 |
| LT | 67+06.90 | 67+26.90 | 20.00 | 8 | 19 8 | 21 | 168 | 2.2 | 7 |
| LT | 67+28.90 | 67+48.90 | 20.00 | 8 | 19 8 | 21 | 168 | 2.2 | 7 |
| LT | 67+50.90 | 67+93.80 | 42.90 | 8 | 42 7 | 44 | 329 | 4.8 | 14 |
| LT | 67+95.80 | 68+00.81 | 5.01 | 4 | 4 8 | 6 | 50 | 0.6 | 2 |
| LT | 68+05.81 | 68+15.80 | 9.99 | 4 | 9 8 | 11 | 85 | 1.1 | 3 |
| LT | 68+17.80 | 68+37.80 | 20.00 | 8 | 19 8 | 21 | 168 | 2.2 | 7 |
| LT | 68+39.80 | 68+59.80 | 20.00 | 8 | 19 8 | 21 | 168 | 2.2 | 7 |
| LT | 68+61.80 | 68+83.30 | 21.50 | 8 | 21 2 | 23 | 180 | 2.4 | 7 |
| LT | 68+85.30 | 69+06.80 | 21.50 | 8 | 21 2 | 23 | 180 | 2.4 | 7 |
| LT | 69+08.80 | 69+28.80 | 20.00 | 8 | 19 8 | 21 | 168 | 2.2 | 7 |
| LT | 69+30.80 | 69+46.59 | 15.79 | 4 | 15 5 | 17 | 126 | 1.8 | 5 |
| TOTAL GRADE BEAM QUANTITIES | | | | | | | 2410 | 32.2 | 97 |

## MIN. BAR LAPS

#5 BAR: 2'-2"

NOTES:
STAINLESS STEEL ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM F593 (AISI 304/316). COST OF STAINLESS STEEL ANCHOR ROD SHALL BE INCLUDED WITH THE ORNAMENTAL FENCE.

SEE GRADE BEAM SCHEDULE AND STREETSCAPE PLANS FOR LOCATIONS OF ORNAMENTAL FENCE FOUNDATIONS.

## BILL OF MATERIAL
## ONE GRADE BEAM PIER

| BAR | NO. | SIZE | LENGTH | SHAPE |
|---|---|---|---|---|
| S | 5 | #4 | 7'-5" | □ |
| V | 8 | #5 | 3'-5" | —— |
| | | | | |
| Reinforcement Bars | | | Pounds | 50 |
| Concrete Structures | | | Cu. Yd. | 0.6 |
| Structure Excavation | | | Cu. Yd. | 3 |

13 Grade Beam Piers Required.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
ORNAMENTAL FENCE FOUNDATION
FAU RTE 7982 CAPITOL AVE
SEC NO. 10-00447-04-PV
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.
HORIZ.
DATE 11/19/10

DRAWN BY DAB
CHECKED BY MNM

| | | |
|---|---|---|
| LAYOUT | MVW | 11/27/07 |
| DRAWN | DAB | 11/27/07 |
| REVIEWED | MVW | 11/27/07 |

PLOT DATE = 01\05\2011
FILE NAME = i:\02_jobs\025208\A\CADD\Road\Microstation\Sheets\Section_3-11th - 18in\c-811_Orn_Fence_Found.dgn
PLOT SCALE = 1.0000 '/ in.
USER NAME = Johnsa0944

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