CONTRACT NO. 76902

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 785 | 134-1BR-2 | MADISON | 56 | 56L |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

STATE OF ILLINOIS

| ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.P. 67 | 134BR | MADISON | 18 | 17 |

SHEET NO. 15 SHEETS

## PILE DATA

Type Untreated
Capacity 28 Tons
Est. Length 33 Ft.
No. Req'd. 20 - Plus 1 test pile

Notes
Minimum bar laps = 24 dia. unless otherwise noted.
All edges shall have standard ¾" chamfers except as noted.

TOP PLAN

ELEVATION

SECTION A-A

END VIEW

FOOTING PLAN

A B B DIMENSIONS

| Bar | A | B |
|---|---|---|
| $b_9$ | 2" | 6'-0" |
| $b_{10}$ | 2" | 6'-0" |

BARS s

BAR $u_1$

BAR $n_3$

BAR $h_n$

PIER 3
BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| $h_c$ | 45 | #5 | 3'-0" | |
| $h_9$ | 20 | #5 | 1'-8 1/2" | |
| $h_{10}$ | 18 | #5 | 1'-8 1/2" | |
| | | | | |
| | | | | |
| $n_3$ | 171 | #5 | 4'-7" | |
| $p_3$ | 8 | #5 | 45'-9" | |
| $p_2$ | 10 | #5 | 10'-0" | |
| | | | | |
| $s_9$ | 12 | #5 | 7'-8" | |
| $s_{10}$ | 9 | #5 | 5'-0" | |
| | | | | |
| | | | | |
| 12 | 32 | #7 | 6'-6" | |
| $u_1$ | 6 | #3 | 3'-0" | |
| $v_1$ | 22 | #5 | 2'-6" | |
| $w_4$ | 10 | #5 | 2'-6" | |
| | | | | |
| Class X Concrete | | Cu Yds | 157 | |
| Reinforcement Bars | | Lbs. | 7220 | |
| Integrated Piles | | Lin. Ft. | 693 | |
| Test Piles (Impact) | | Each | 1 | |

PIER 3
F.A.P. RT. 67 SEC. 134-BR
MADISON COUNTY
STA. 623+50

| | |
|---|---|
| DESIGNED | |
| CHECKED | |
| DRAWN G. Ritchie | |
| CHECKED | |

EXAMINED
PASSED
APPROVED

P-10; ¾"=2.0 5-20-68

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING BRIDGE
PLANS
FYI
FAP ROUTE 785
SECTION 134-1BR-2
MADISON COUNTY

PLOT DATE = 3/22/2007
FILE NAME = c:\projects\sa0691\plan\pln0223a.dgn
PLOT SCALE = 20.000 / IN.
USER NAME = camarun