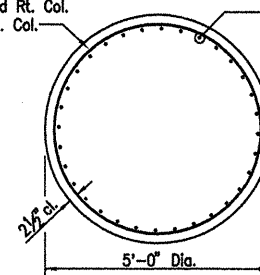


Diagram illustrating the cross-section of a rectangular column. The overall width is labeled as 10-B902. The overall height is labeled as 10 Eq. Spcs. The inner width of the column is labeled as 9-B503 (Typ.). The inner height is labeled as 2' ci. (Typ.). The reinforcement bars are labeled as B501 (dbl. ties).

C601
C602 in Mid Lt. Col.
C603 in Mid Rt. Col.
C604 in Rt. Col. —



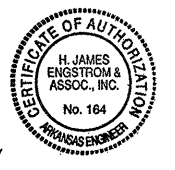
C1101
(33 per col.)
C1102 in Mid Lt. Col.
C1103 in Mid Rt. Col.
C1104 in Rt. Col.

NOTES:

1. All concrete shall be Class "S". All exposed corners to be chamfered $\frac{3}{4}$ " unless otherwise noted. All concrete shall be poured in the dry.
2. All reinforcing steel shall conform to AASHTO M31 or M53, Gr.60.
3. If anchor bolts are drilled into cap, top reinforcing bars shall be properly placed to avoid damage.
4. For additional information, see Layout.
- ~~5. Contractor has the option of placing a 6'-6" lap splice in the vertical leg of C901-C904 bars. The splice shall be in the middle half of the column height. This shall be included in "Reinforcing Steel - Bridge".~~
5. Contractor has the option of placing a 9'-6" lap splice in the vertical leg of C1101-C1104 bars. The splice shall be in the middle half of the column height. This shall be included in "Reinforcing Steel - Bridge".

NOTES FOR SPIRAL REINFORCING

1. Ends of spirals in footing and cap shall have $1\frac{1}{2}$ turns and terminate with a 135° hook and a 24" tail as shown in Bar List.
2. Spiral reinforcement at splices of bars in the length designated as permissible for lap splices shall be terminated by a 135° hook with a 10" tail hooked around a vertical bar.
3. Spiral reinforcement shall be plain round or deformed steel bars meeting the requirements of AASHTO M31 or M53 (Grade 80) or shall be cold drawn wire meeting the requirements of AASHTO M32 or M225 (Grade 70) with a minimum diameter of 0.75".
4. Spiral reinforcement shall be paid for at the contract unit price bid per pound for "Reinforcing Steel - Bridge (Grade 60)". No additional payment shall be made for spacers, splices or bracing needed for assembly, shipping, handling or erecting.
5. Lapped spirals in spirals shall be lapped 80 bar diameters minimum.
6. Adjust spiral pitch as needed to accommodate footing or cap bars.



ALTERNATE NO. 1

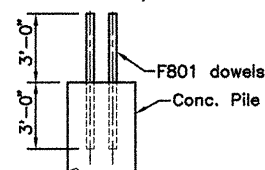
DETAILS OF BENT - WHITE RIVER
BENT 62
(SHEET 2 OF 2)

WHITE RIVER STR. & APPRS.
(CLARENDON) (PH III) (F)
MONROE COUNTY

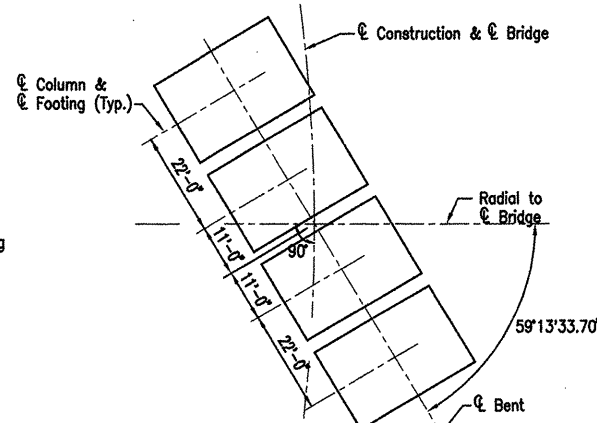
ROUTE 79 SEC. 13

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Engstrom/Modjeski and Masters, Inc.



Drill and grout F801 dowels 3'-0" into piles using an approved non-shrink grout or an epoxy grout listed on the QPL. Diameter of holes and installation procedure shall be as recommended by the grout manufacturer.



FOOTING LOCATION SKETCH

Looking Upstation
N.T.S.

1 Revised Note 5 by HJE/MM
WBC 4-4-11

BRIDGE ENGINEER

DRAWN BY: CJA/JDB DATE: Sep. 10 FILENAME: b1103951_b10
 CHECKED BY: GPT DATE: Sep. 10 SCALE: 1/4"=1'-0"
 DESIGNED BY: JAM DATE: Sep. 10
 BRIDGE NO. 06830 DRAWING NO. 47041