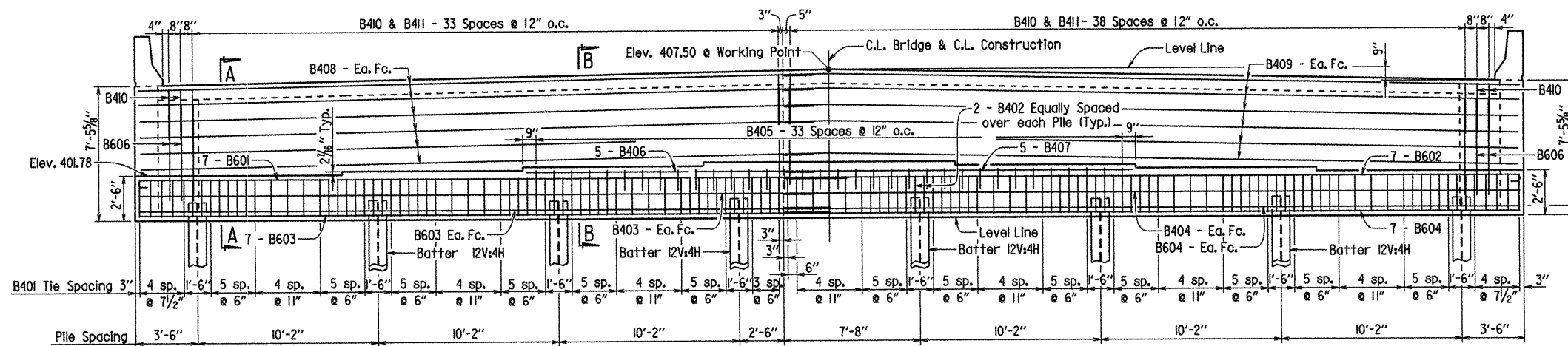


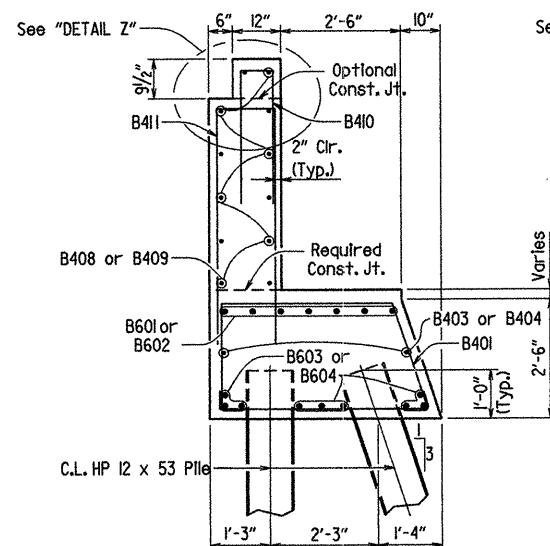
PLAN - BENT NO. 1
Scale: 1/4" = 1'-0"



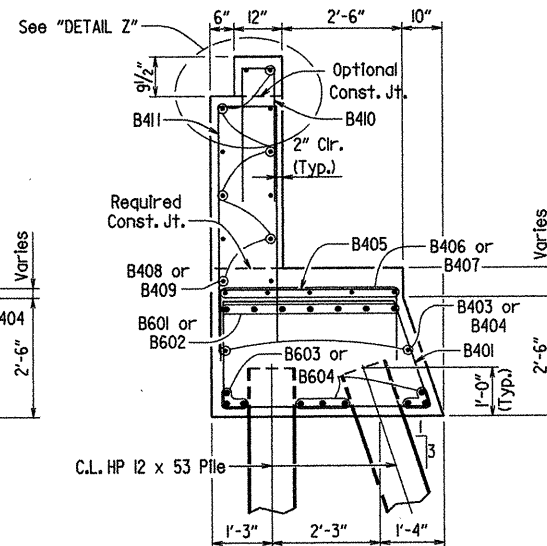
ELEVATION (LOOKING BACK)

Scale: 1/4" = 1'-0"

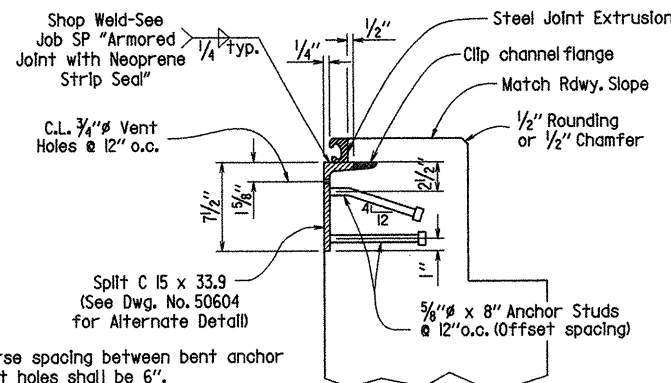
Note: No. 6 bars in top of cap to be lapped a minimum of 3'-7".
No. 6 bars in bottom of cap to be lapped a minimum of 2'-8".
No. 4 bars in face of cap and backwall to be lapped a minimum of 1'-9".



SECTION A-A
Scale: 1/2" = 1'-0"



SECTION B-B
Scale: 1/2" = 1'-0"



DETAIL Z
No Scale

Note: Transverse spacing between bent anchor studs and vent holes shall be 6".
Note: Concrete shall be hand packed under the joint armor.

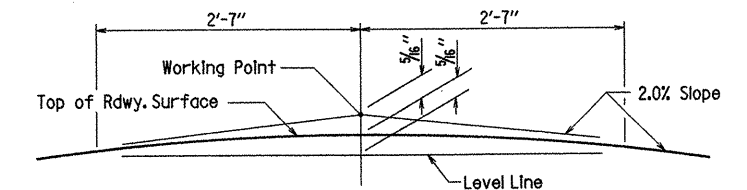
Note: For additional joint details, see Dwg. No. 50604 & 50605.

| DATE REVISED | DATE FILMED | DATE REVISED | DATE FILMED | FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|--------------|-------------|--------------|-------------|---------------------|-----------|--------------------|-----------|--------------|
| | | | | 6 | ARK. | | | |
| | | | | JOB NO. | | 040487 | 84 | 200 |
| | | | | 07154 | END BENTS | | 50595 | |

BAR LIST FOR END BENT 1

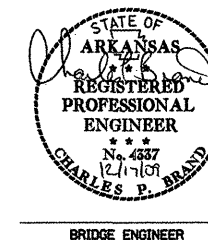
| Mark | No. Req'd. | | Length | Pin Dia. | Bending Diagrams (Dimensions are out to out of bars.) | |
|------|------------|----------|---------|----------|--|--|
| | Stg. One | Stg. Two | | | | |
| B401 | 54 | 61 | 13'-0" | 2" | | |
| B402 | 8 | 8 | 8'-1" | 2" | | |
| B403 | 2 | — | 38'-2" | str. | | |
| B404 | — | 2 | 41'-5" | str. | | |
| B405 | 14 | 20 | 6'-6" | 2" | | |
| B406 | 5 | — | 16'-3" | str. | | |
| B407 | — | 5 | 19'-7" | str. | | |
| B408 | 12 | — | 38'-2" | str. | | |
| B409 | — | 12 | 41'-5" | str. | | |
| B410 | 36 | 41 | 5'-4" | 2" | | |
| B411 | 34 | 39 | 11'-6" | 2" | | |
| B412 | 3 | 3 | 6'-3" | str. | | |
| | | | | | | |
| B601 | 7 | — | 40'-8" | 4 1/2" | | |
| B602 | — | 7 | 42'-1" | 4 1/2" | | |
| B603 | 9 | — | 39'-1" | str. | | |
| B604 | — | 9 | 41'-5" | str. | | |
| B605 | 6 | 6 | 6'-9" | 4 1/2" | | |
| B606 | 2 | 2 | 11'-10" | 4 1/2" | | |
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Note: See Dwg. No. 50597 for Bar List for Wings.



NOTE: Working Point matches Theoretical Roadway Grade.

ROUNDING DETAIL
No Scale



SHEET 1 OF 3
DETAILS OF END BENTS
VACHE GRASSE CREEK
ROUTE 22 SEC. 1
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
DRAWN BY: TEH/MJT DATE: 11-4-08 FILENAME: B040487X1-B1.dgn
CHECKED BY: JCT DATE: 9-18-09 SCALE: 1/4" or as noted
DESIGNED BY: JCT DATE: 10-08
BRIDGE NO. 07154 DRAWING NO. 50595