

|                    |  |
|--------------------|--|
| DATE               |  |
| BY                 |  |
| REFERENCES NOTED   |  |
| REFERENCES CHECKED |  |

\* 100 mm Pressure relief joint. See Standard Drawing RD661 Sl, Sh. No. 126.

⊗ Expansion joint. See Bridge Plans for type & details.

~~Contractor has the option of substituting a Tied Keyed Construction Joint.~~

K.J. Keyed Construction Joint

GENERAL NOTES:

Special Concrete Bridge Approach shall be paid for as sq. m of Concrete Pavement (260 mm Unit)(A.E.) and includes all work and materials required to construct the approach slab as shown on this sheet.

All work and materials required for installation of expansion joints and pressure relief joints shall be subsidiary to this bid item.

All preformed joint material shall be installed perpendicular to pavement surface. Formed joints shall be edged with 6 mm radius tool for length of joint.

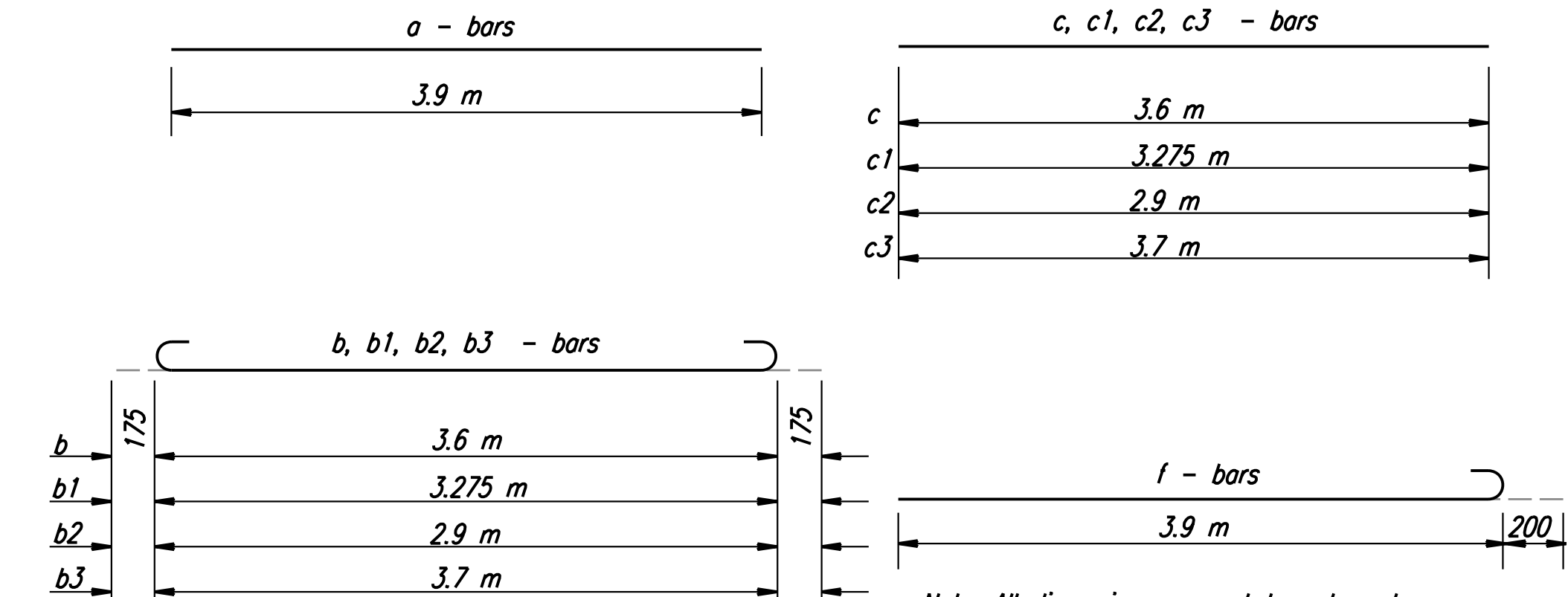
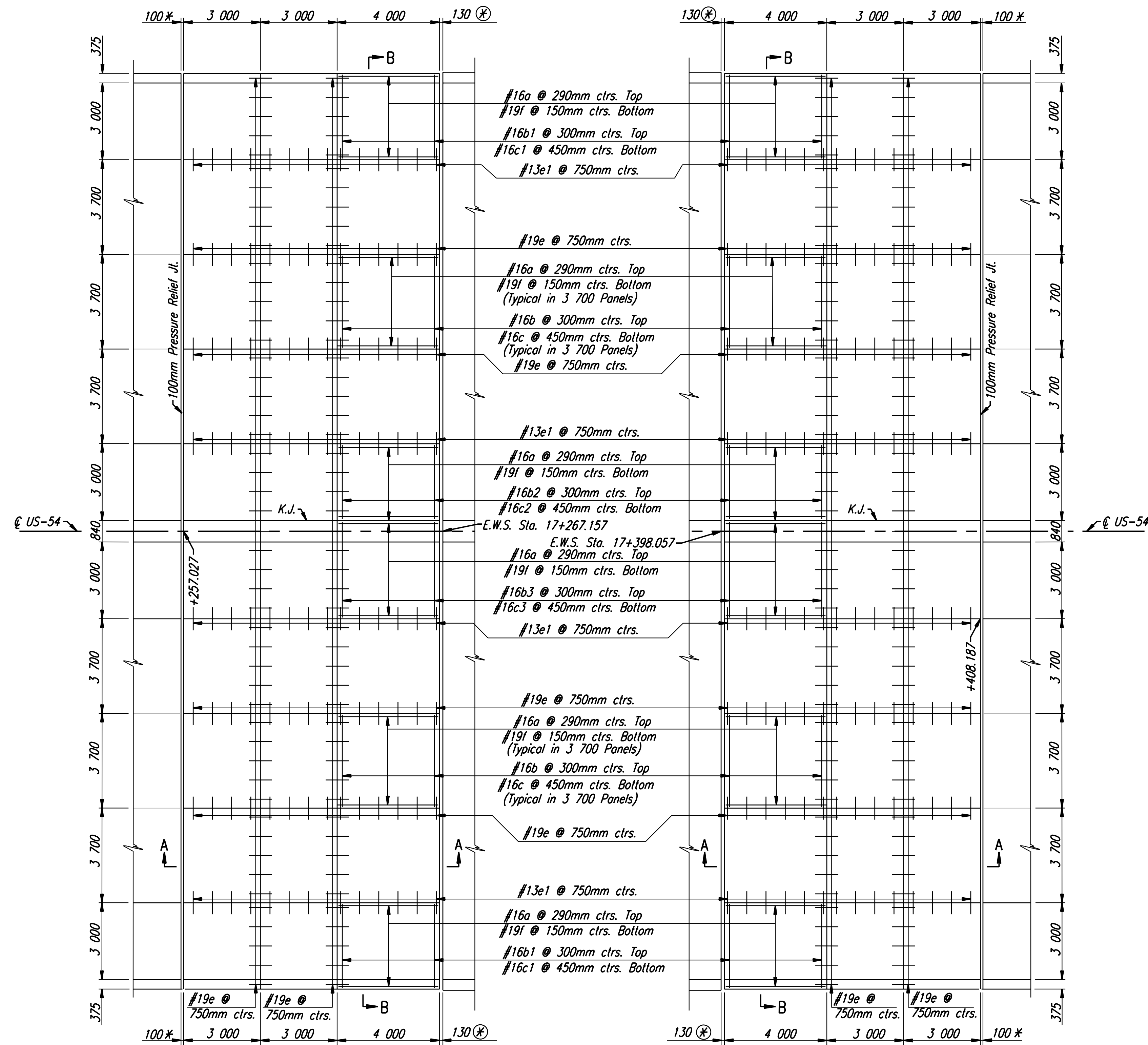
At the Contractor's option #13 x 900 mm tie bars @ 380 mm centers may be substituted for the #19 e bars at 750 mm centers.

All reinforcing steel shall be epoxy coated.

See Standard Drawing RD661 Sl for details of joints & reinforcing mesh.

Clearance from the face of concrete for all reinforcing steel shall be 50 mm.

Standard reinforcing bar hooks in accordance with the latest ACI specifications shall be used throughout.



Note: All dimensions are out to out on bars unless noted otherwise.

BENDING DIAGRAMS

For Sections A-A and B-B, See Sh. No. 125

PLAN AT WEST APPROACH

PLAN AT EAST APPROACH

| BILL OF MATERIALS (WEST APPROACH)  |       |       |       |       |       |       |       |       |       |     |     |                      |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|----------------------|
| BAR SCHEDULE                       |       |       |       |       |       |       |       |       |       |     |     |                      |
| Bar                                | a     | b     | b1    | b2    | b3    | c     | c1    | c2    | c3    | e   | e1  | f                    |
| No.                                | 125   | 84    | 28    | 14    | 14    | 54    | 18    | 9     | 9     | 158 | 60  | 242                  |
| Size                               | #16   | #16   | #16   | #16   | #16   | #16   | #16   | #16   | #16   | #19 | #13 | #19                  |
| Length                             | 3 900 | 3 950 | 3 625 | 3 250 | 4 050 | 3 600 | 3 275 | 2 900 | 3 700 | 900 | 900 | 4 100                |
| Reinforcing Steel                  |       |       |       |       |       |       |       |       |       |     |     | 4 662 kg             |
| Concrete Pavement(260 mm Unit)(AE) |       |       |       |       |       |       |       |       |       |     |     | 357.9 m <sup>2</sup> |
| Expansion Joint                    |       |       |       |       |       |       |       |       |       |     |     | 35 790 mm            |
| 100 mm Pressure Relief Joint       |       |       |       |       |       |       |       |       |       |     |     | 35 790 mm            |

| BILL OF MATERIALS (EAST APPROACH)  |       |       |       |       |       |       |       |       |       |     |     |                      |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|----------------------|
| BAR SCHEDULE                       |       |       |       |       |       |       |       |       |       |     |     |                      |
| Bar                                | a     | b     | b1    | b2    | b3    | c     | c1    | c2    | c3    | e   | e1  | f                    |
| No.                                | 125   | 84    | 28    | 14    | 14    | 54    | 18    | 9     | 9     | 158 | 60  | 242                  |
| Size                               | #16   | #16   | #16   | #16   | #16   | #16   | #16   | #16   | #16   | #19 | #13 | #19                  |
| Length                             | 3 900 | 3 950 | 3 625 | 3 250 | 4 050 | 3 600 | 3 275 | 2 900 | 3 700 | 900 | 900 | 4 100                |
| Reinforcing Steel                  |       |       |       |       |       |       |       |       |       |     |     | 4 662 kg             |
| Concrete Pavement(260 mm Unit)(AE) |       |       |       |       |       |       |       |       |       |     |     | 357.9 m <sup>2</sup> |
| Expansion Joint                    |       |       |       |       |       |       |       |       |       |     |     | 35 790 mm            |
| 100 mm Pressure Relief Joint       |       |       |       |       |       |       |       |       |       |     |     | 35 790 mm            |

Reinforcing steel and joint lengths shown for information only.

RECORD DRAWING

|  |     |            |             |
|--|-----|------------|-------------|
| CITY OF WICHITA                            |     |            |             |
| CONCRETE BRIDGE APPROACH PAVEMENT          |     |            |             |
| E.B. & W.B. US-54 OVER TYLER ROAD          |     |            |             |
| SEDGWICK COUNTY                            |     |            |             |
| Professional Engineering Consultants, P.A. |     |            |             |
| 303 S. TOPEKA • WICHITA, KANSAS 67202      |     |            |             |
| 316-262-2691 • FAX 316-262-3003            |     |            |             |
| Designed by                                | WDH | Checked by |             |
| Drawn by                                   | JGP | Date       | April, 2002 |
|  |     | Job No.    | 97362       |

DSNR: WDH OPER: JGP SCALE: 1:100  
 i:/1997/97362/As-Built/dgn/s/124-ApprSlab-tyler.dgn Last Rev: 8-14-07 By: gdr