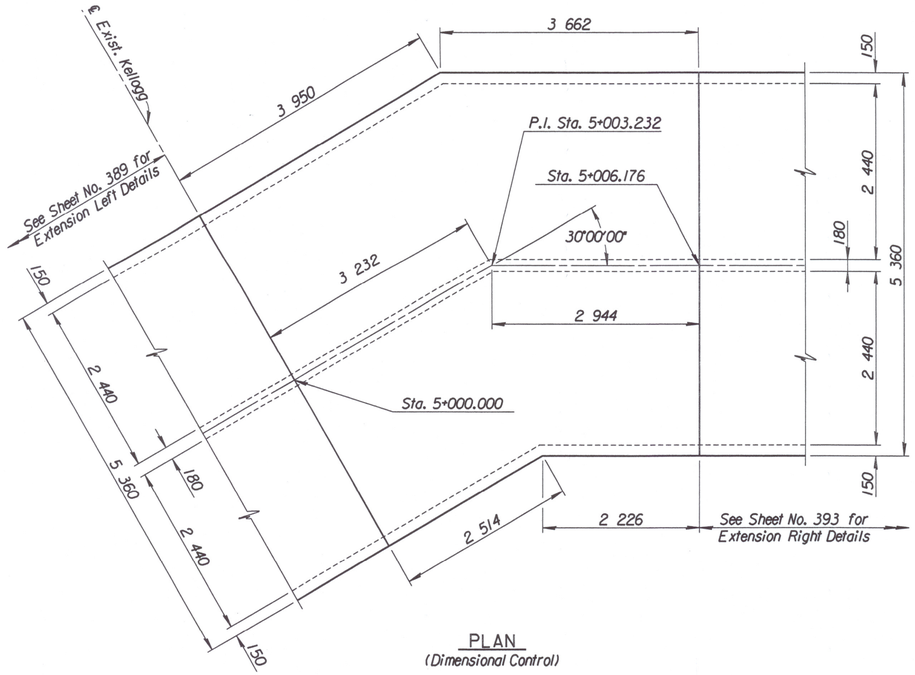
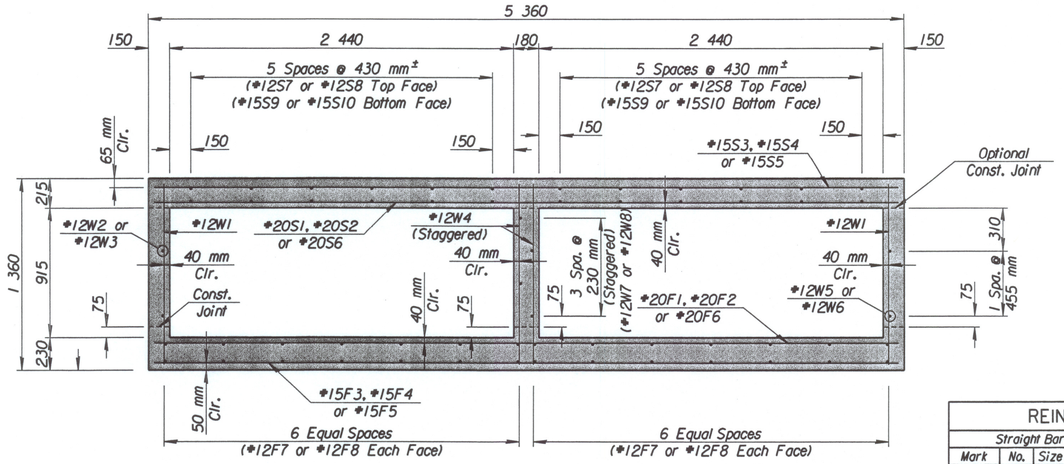
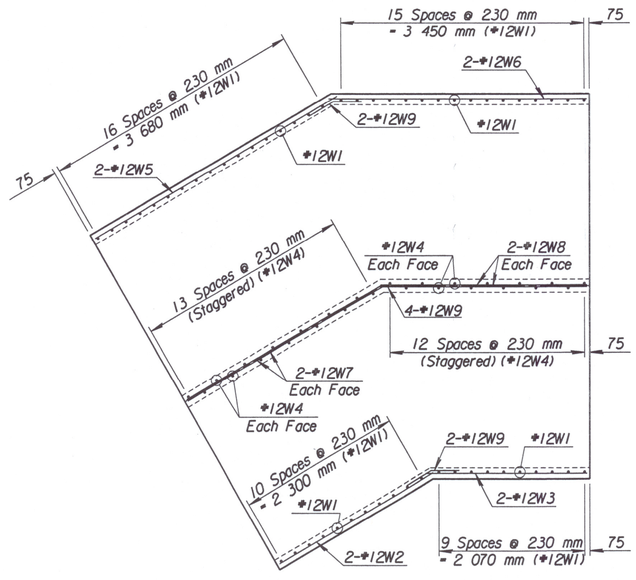
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | 54-87 K-6657-01 | 2002 | 391 | 1122 |




PLAN
(Dimensional Control)

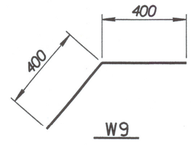



TYPICAL SECTION




WALL REINFORCING

| | |
|---|---|
| S2 | Varies from 5 250 to 5 430 by 45 mm incr.<br>Cut 1 Each Length |
| S4 | Varies from 5 262 to 5 430 by 28 mm incr.<br>Cut 1 Each Length |
| S5 | Varies from 5 262 to 5 430 by 28 mm incr.<br>Cut 1 Each Length |
| S6 | Varies from 5 262 to 5 430 by 42 mm incr.<br>Cut 1 Each Length |
| F2 | Varies from 5 250 to 5 430 by 45 mm incr.<br>Cut 1 Each Length |
| F4 | Varies from 5 262 to 5 430 by 28 mm incr.<br>Cut 1 Each Length |
| F5 | Varies from 5 262 to 5 430 by 28 mm incr.<br>Cut 1 Each Length |
| F6 | Varies from 5 262 to 5 430 by 42 mm incr.<br>Cut 1 Each Length |




BENDING DIAGRAMS
*Dimensions are out to out of bars*

REINFORCING STEEL

| Straight Bars | | | | Bent Bars | | | |
|---|---|---|---|---|---|---|---|
| Mark | No. | Size | Length | Mark | No. | Size | Length |
| F1 | 28 | *20 | 5 260 | W9 | 8 | *12 | 800 |
| F2 | 5 | *20 | Varies | | | | |
| F3 | 32 | *15 | 5 260 | | | | |
| F4 | 7 | *15 | Varies | | | | |
| F5 | 7 | *15 | Varies | | | | |
| F6 | 5 | *20 | Varies | | | | |
| F7 | 28 | *12 | 3 600 | | | | |
| F8 | 28 | *12 | 3 900 | | | | |
| | | | | | | | |
| S1 | 28 | *20 | 5 260 | | | | |
| S2 | 5 | *20 | Varies | | | | |
| S3 | 32 | *15 | 5 260 | | | | |
| S4 | 7 | *15 | Varies | | | | |
| S5 | 7 | *15 | Varies | | | | |
| S6 | 5 | *20 | Varies | | | | |
| S7 | 12 | *12 | 3 600 | | | | |
| S8 | 12 | *12 | 3 900 | | | | |
| S9 | 12 | *15 | 3 600 | | | | |
| S10 | 12 | *15 | 3 900 | | | | |
| | | | | | | | |
| W1 | 54 | *12 | 1 250 | | | | |
| W2 | 2 | *12 | 2 450 | | | | |
| W3 | 2 | *12 | 2 190 | | | | |
| W4 | 27 | *12 | 1 250 | | | | |
| W5 | 2 | *12 | 3 960 | | | | |
| W6 | 2 | *12 | 3 660 | | | | |
| W7 | 4 | *12 | 3 200 | | | | |
| W8 | 4 | *12 | 2 990 | | | | |
| | | | | | | | |

SUMMARY OF QUANTITIES

| Item | Quantity | Unit |
|---|---|---|
| AAA Concrete | 17.4 | $m^3$ |
| Reinforcing Steel (Grade 420) | 2 305 | kg |
| | | |

Note:
See Sheet No. 389 for location of this R.C.B. Section.

See Sheet No. 389 for General Notes.

| No. | Revisions | By | Date |
|---|---|---|---|
| 1 | | | |

CITY OF WICHITA

# SPECIAL 2 - 2.4 x 0.9 m R.C.B. SECTION AT P.I.

WEST KELLOGG (US-54)

SEDGWICK COUNTY


Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003


| | | | |
|---|---|---|---|
| Designed by | RWA | Checked by | RAS |
| Drawn by | GDR | Date | April, 2002 |
| | | Job No. | 97362 |


Plotted by: ras 2-1-2002
i:/1997/97362/001/rcb/dbl24bend.dgn