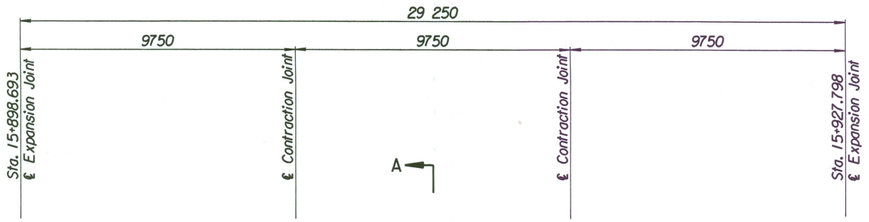
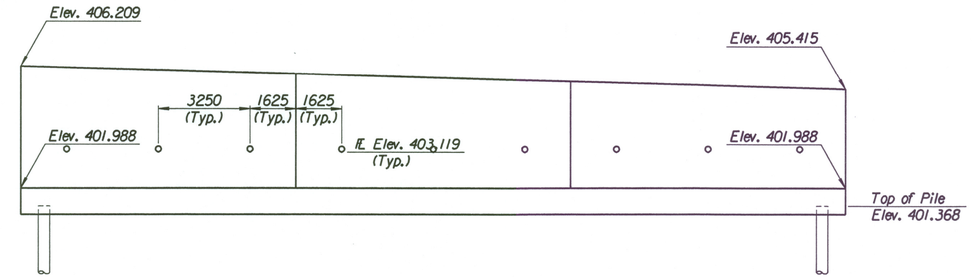
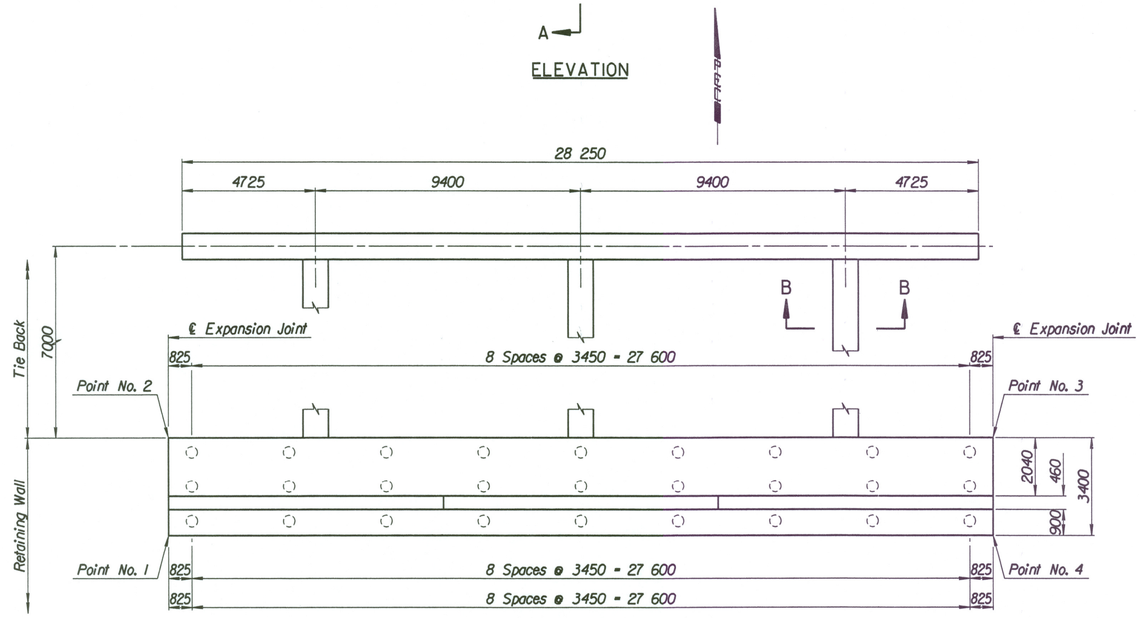
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | 54-87 K-6657-01 | 2002 | 301 | 1122 |

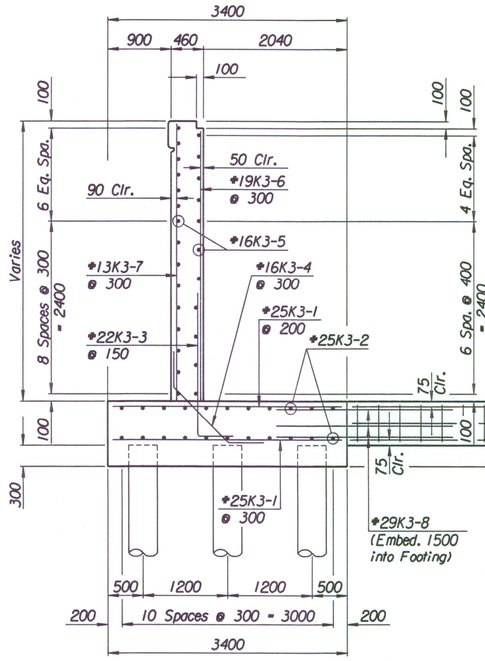



ELEVATION

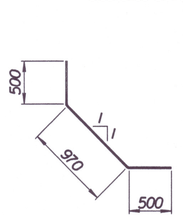



PLAN

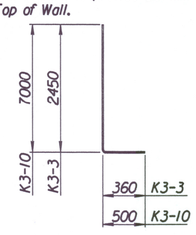



SECTION A-A

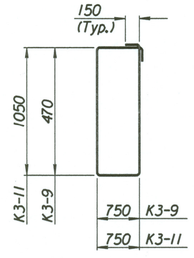
Note:
Field Cut #13K3-7 bars to provide 50 mm clearance at Top of Wall.




K3-4




K3-3, K3-10




K3-9, K3-11







SECTION B-B

## LAYOUT INFORMATION

| Point No. | North Coordinate | East Coordinate | Station | Offset |
|---|---|---|---|---|
| 1 | 511431.626 | 491897.150 | 15+898.693 | 19.395 Rt. |
| 2 | 511434.907 | 491896.259 | 15+898.693 | 15.995 Rt. |
| 3 | 511442.673 | 491924.439 | 15+927.798 | 15.995 Rt. |
| 4 | 511439.399 | 491925.356 | 15+927.798 | 19.395 Rt. |

## REINFORCING STEEL

| Straight Bars | | | | Bent Bars | | | |
|---|---|---|---|---|---|---|---|
| Mark | Size | Number | Length | Mark | Size | Number | Length |
| K3-1 | #25 | 246 | 3320 | K3-3 | #22 | 195 | 2810 |
| K3-2 | #25 | 44 | 15 540 | K3-4 | #16 | 99 | 1970 |
| K3-5 | #16 | 78 | 9650 | | | | |
| K3-6 | #19 | 99 | 3280 | | | | |
| K3-7 | #13 | 99 | 4170 | | | | |
| K3-8 | #29 | 36 | 4000 | | | | |

## WALL QUANTITIES

| Item | Quantity | Unit |
|---|---|---|
| Pressure Grouted Pile (406 mm) | 324.0 | m |
| Concrete (Grade 30)(AE) | 142.7 | $m^3$ |
| Reinforcing Steel (Grade 420) | 10 964 | kg |
| Class III Excavation | 2.3 | $m^3$ |

## TIE BACK REINFORCING STEEL

| Straight Bars | | | | Bent Bars | | | |
|---|---|---|---|---|---|---|---|
| Mark | Size | Number | Length | Mark | Size | Number | Length |
| K3-12 | #25 | 24 | 15 040 | K3-9 | #13 | 66 | 2740 |
| | | | | K3-10 | #29 | 36 | 7500 |
| | | | | K3-11 | #13 | 94 | 3900 |

## TIE BACK QUANTITIES

| Item | Quantity | Unit |
|---|---|---|
| Concrete (Grade 30)(AE) | 41.5 | $m^3$ |
| Reinforcing Steel (Grade 420) | 3344 | kg |

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

CITY OF WICHITA

# MAIZE SOUTHEAST WALL

STA. 15+898.693 TO STA. 15+927.798

SEDGWICK COUNTY


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


| Designed by | P.D.F. | Checked by | R.A.S. | |
|---|---|---|---|---|
| Drawn by | W.L.L. | Date | Apr. 2002 | Job No. 97362 |

Drawn by: wll
Plotted by: drp 3-25-2002
i:/1997/97362/001/bridge/maizerd/SEwall-10