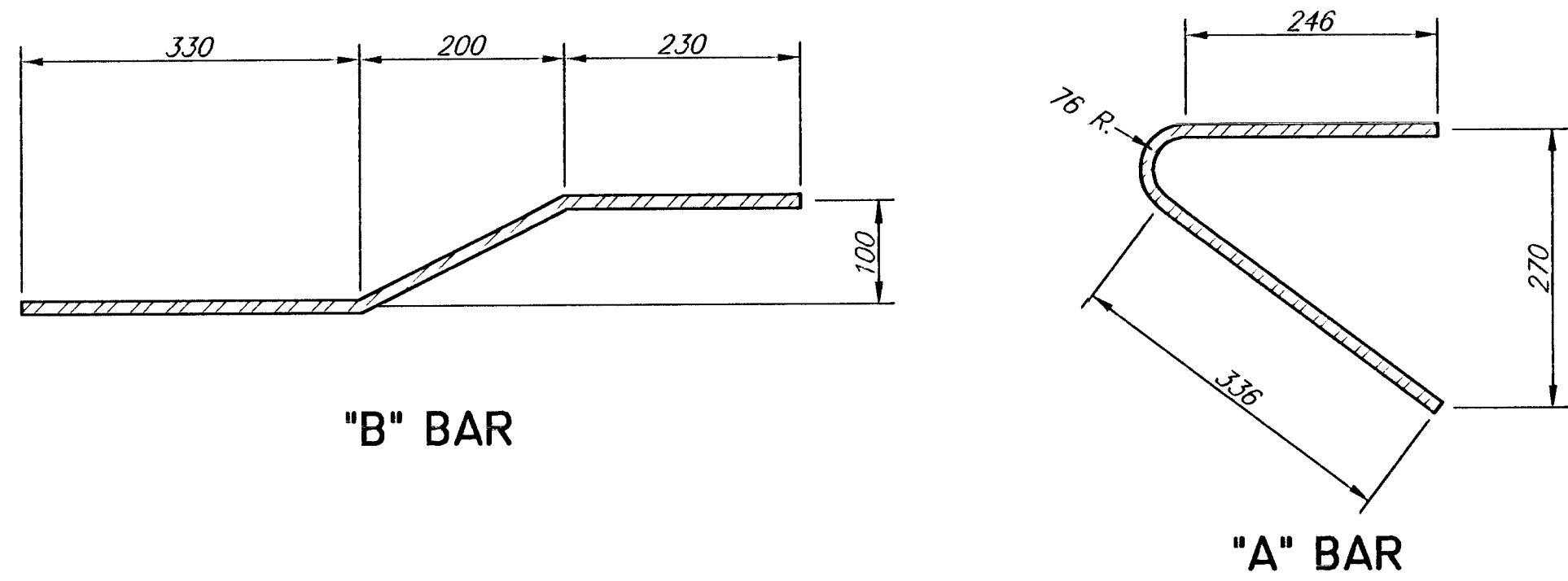
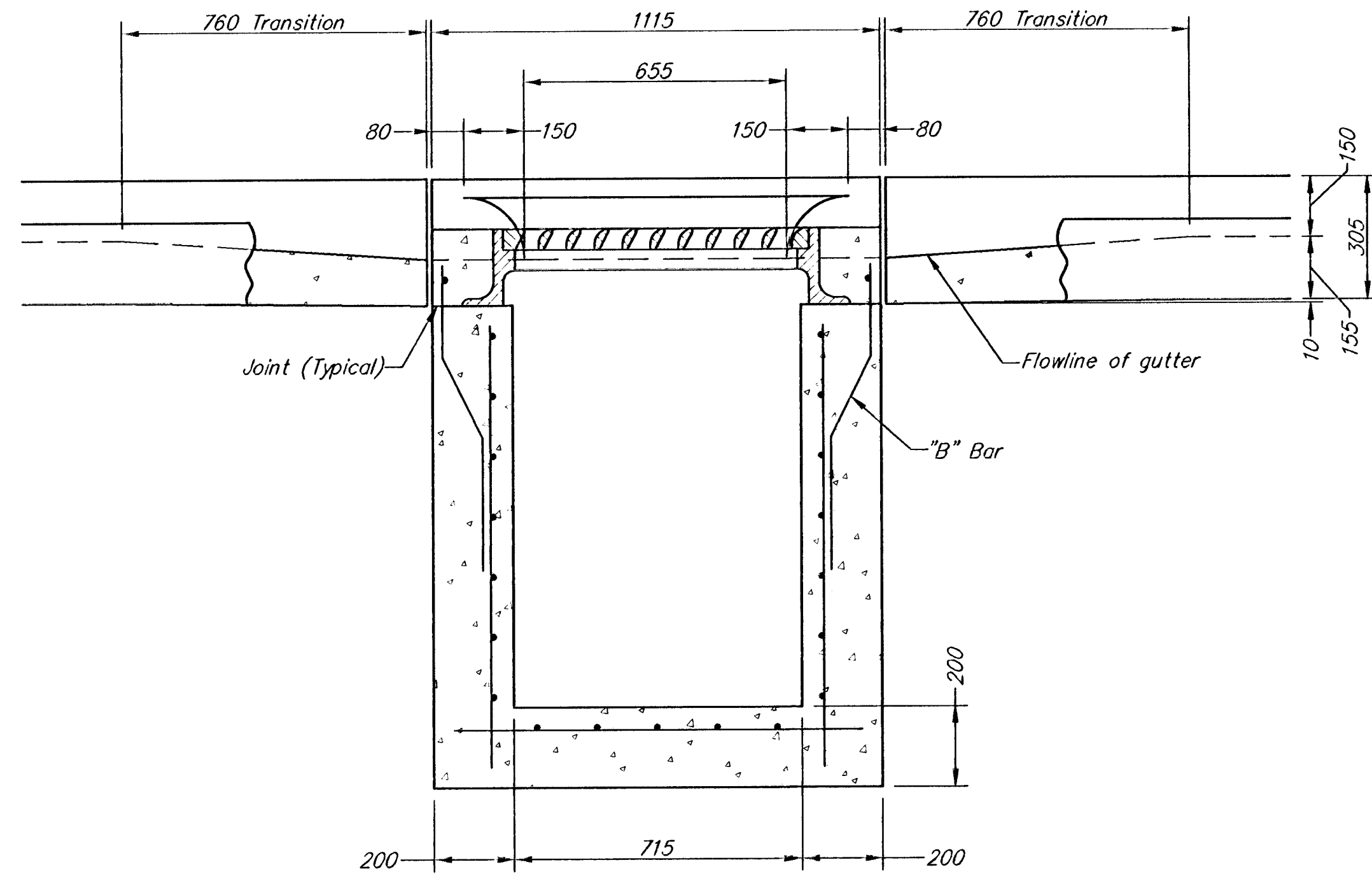


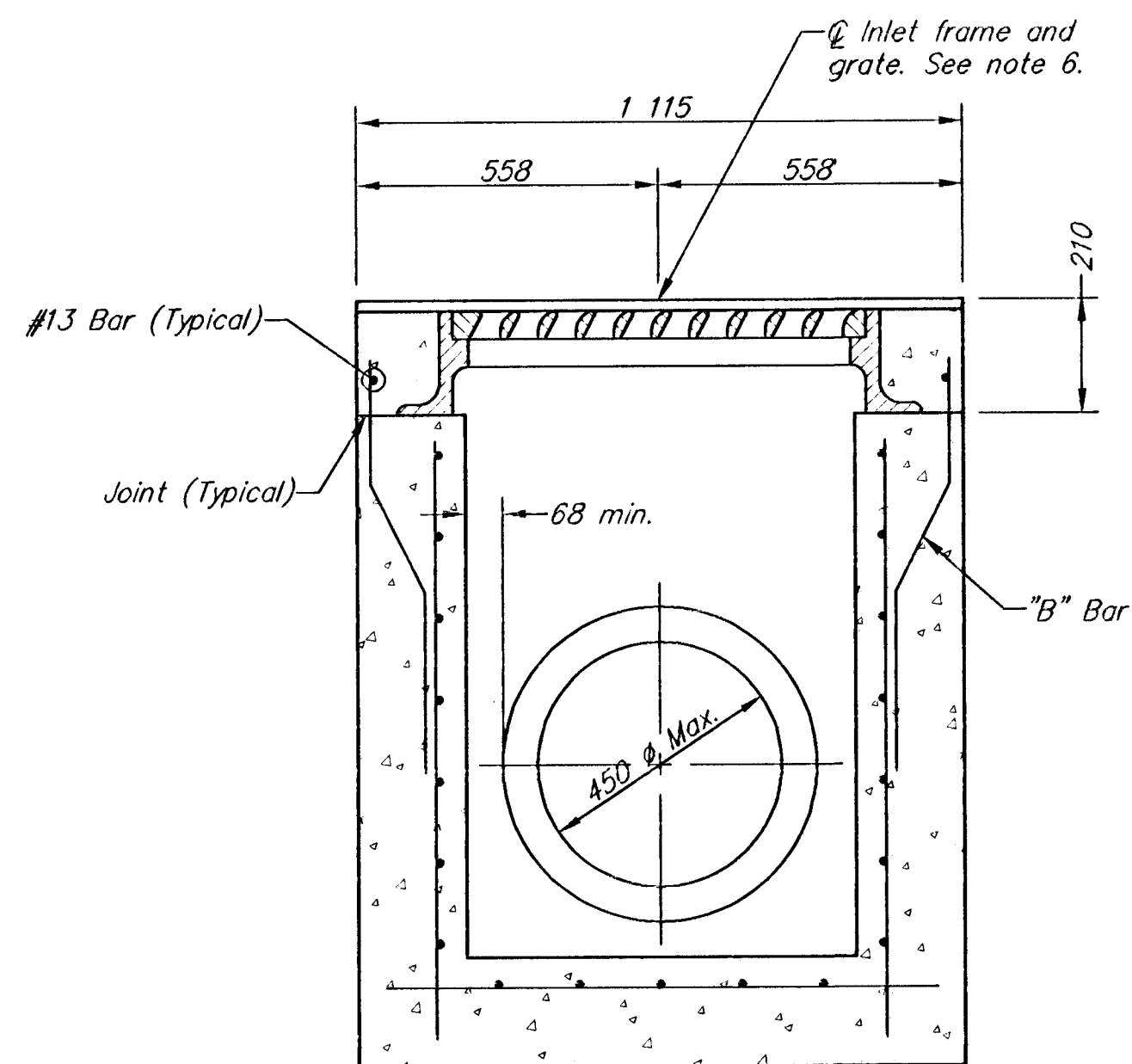
| FHWA<br>REGION<br>NO. | STATE  | PROJECT<br>NUMBER | FISCAL<br>YEAR | SHEET<br>NUMBER | TOTAL<br>SHEETS |
|-----------------------|--------|-------------------|----------------|-----------------|-----------------|
| 7                     | KANSAS | 87N-0080-01       | 1997           | 61              | 162             |



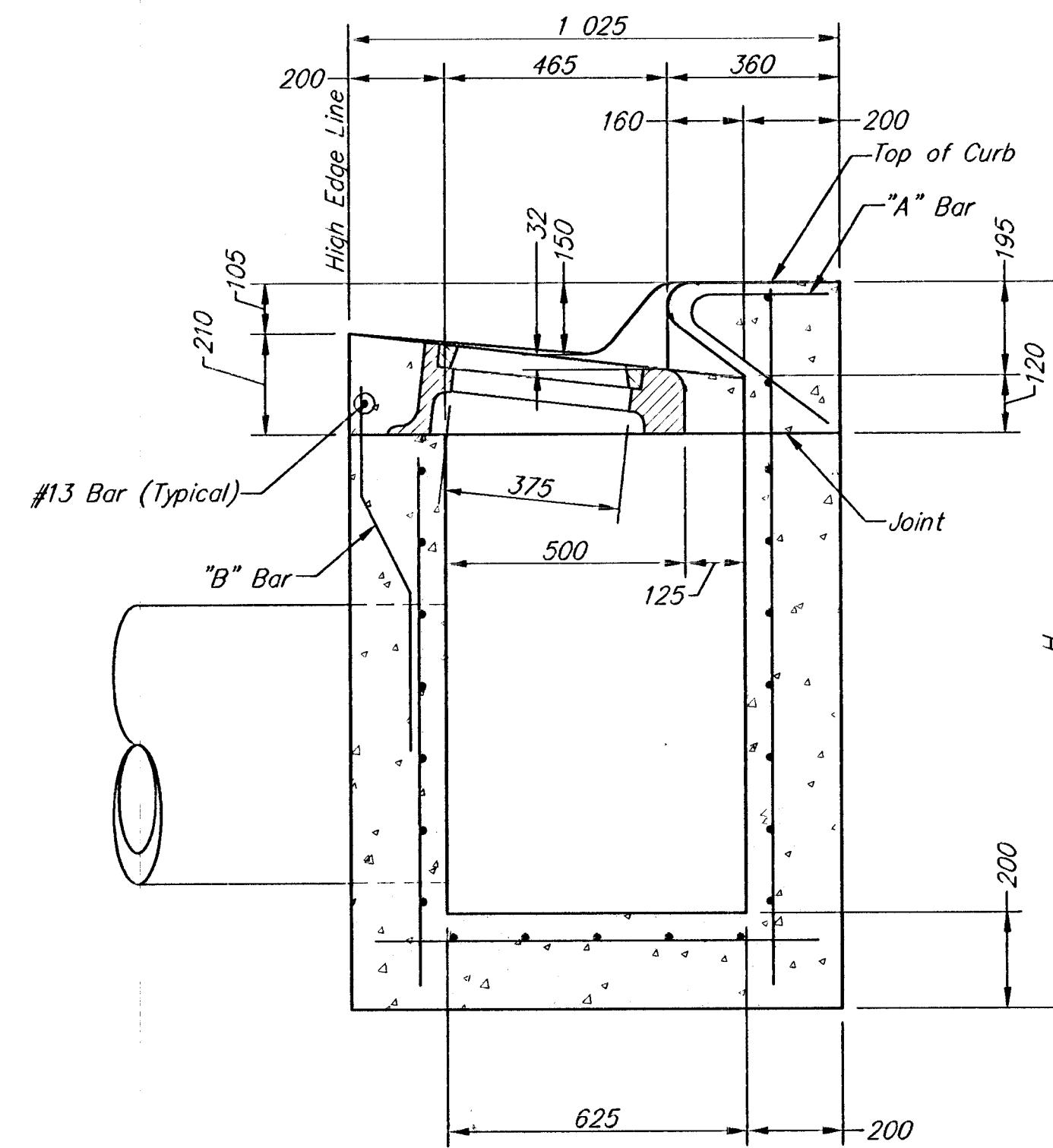
BENDING DIAGRAM



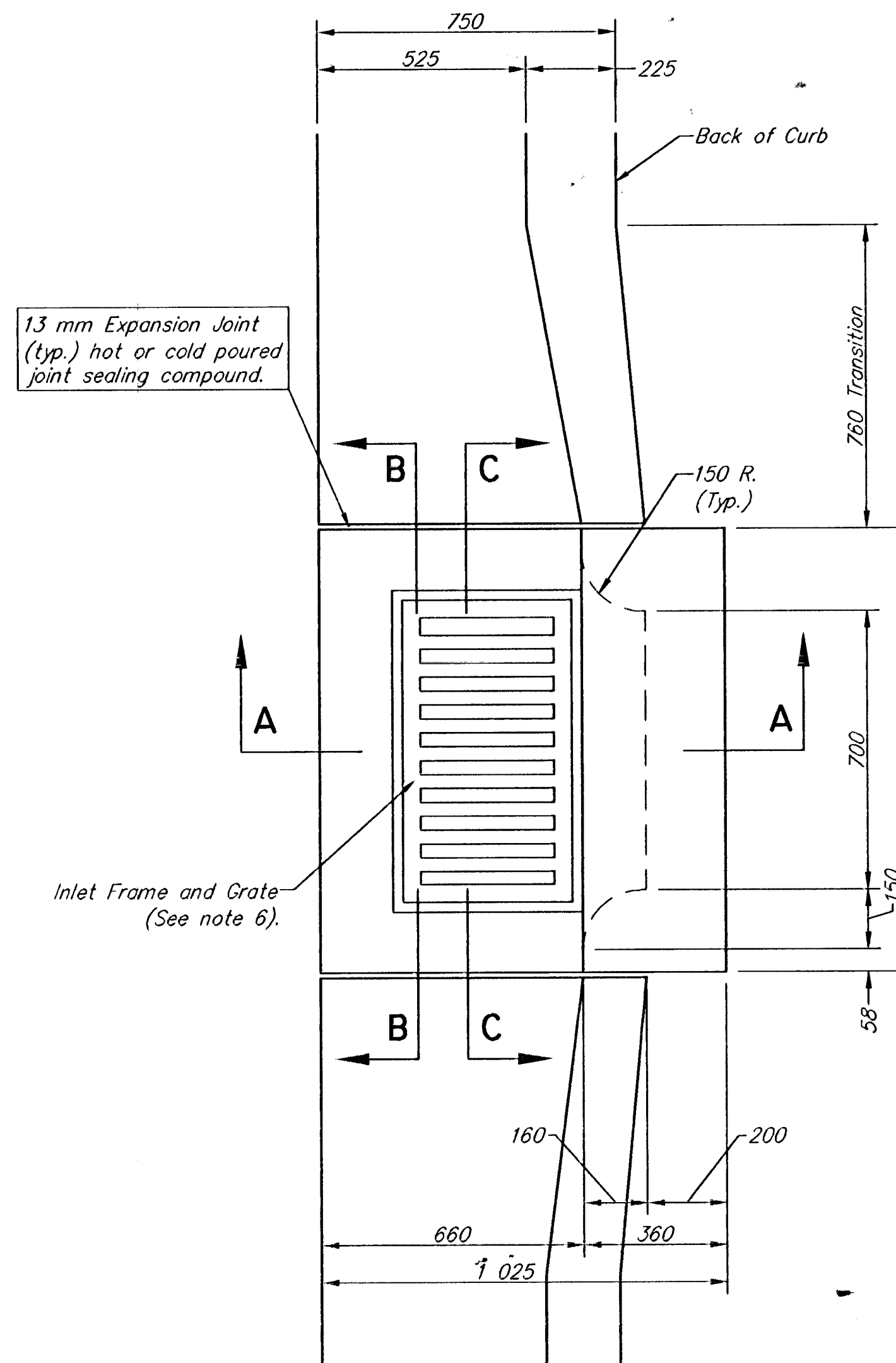
SECTION C-C



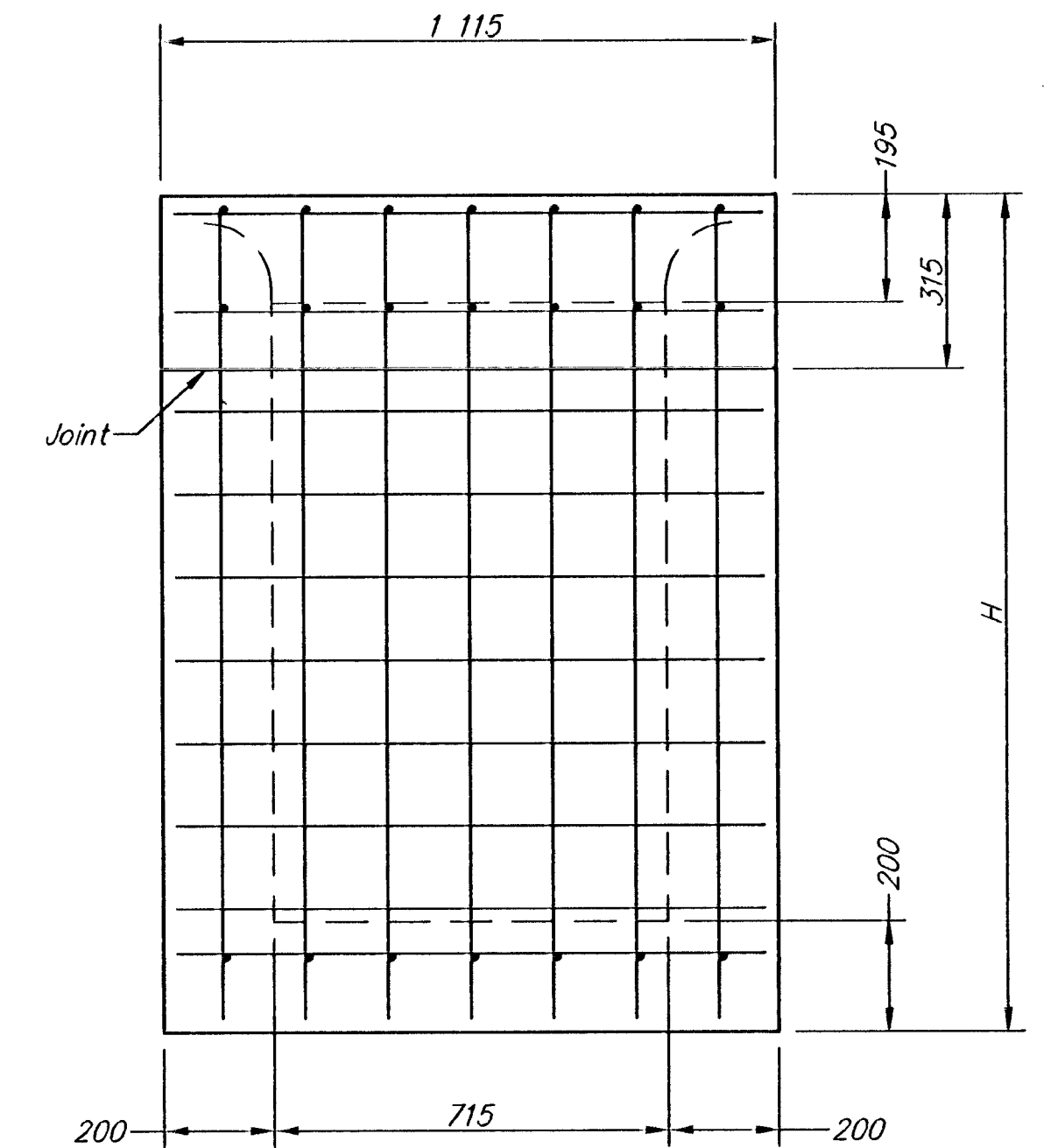
SECTION B-B



SECTION A-A



PLAN



REAR WALL

### GENERAL NOTES

- Use the concrete mix specified for the City of Wichita concrete pavement throughout. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be bent around pipe.
- Inlet invert shall be shaped with 8 sack mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
- All bars are #13 with 150 mm spacing and shall have a minimum clearance of 25 mm unless otherwise noted on the plans.
- When directed by the Engineer, a small opening may be required in the back of the inlet in order to drain a low area. Reinforcing bars will extend through the openings. No deductions in concrete quantities will be made for these openings.
- No deductions will be made in pay length of curb, gutter, or curb and gutter through the inlet area.
- Use Neenah R-3289-HV Single Inlet Frame and Grate or approved equal. Inlet frame to be proof load tested to 18145 kg on unsupported side.
- Reinforcing bars shall be cut or bent around pipes. No deduction in concrete quantities shall be made for pipe openings.
- The vanes of the grate shall be oriented with respect to the flow arrows shown on the plans.
- Deeter Foundry, Inc. casting No. 2441 with style H grate is an approved equal to Neenah castings specified. Inlet drawing is based on Neenah castings and concrete walls and supports will require some field modifications to accommodate.

|                                                                                                                                                                                 |  |                                                                              |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|--|
| <b>THE CITY OF WICHITA</b><br><br>CITY ENGINEER'S OFFICE<br>CITY HALL - SEVENTH FLOOR<br>402 NORTH MAIN STREET<br>WICHITA, KANSAS 67202<br>(316) 254-4501<br>(316) 254-4119 FAX |  | <b>TYPE II CURB INLET</b><br><b>INLET OPENING =</b><br><b>58 mm x 700 mm</b> |  |
| M. E. LINDEBAK P.E. - CITY ENGINEER                                                                                                                                             |  | PROJECT NUMBER: _____ INDEX CODE: _____                                      |  |
| DATE: MAR 98                                                                                                                                                                    |  | SHEET 61 OF 162                                                              |  |