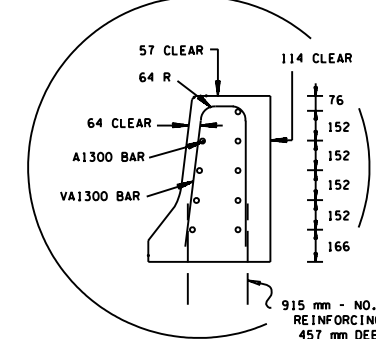
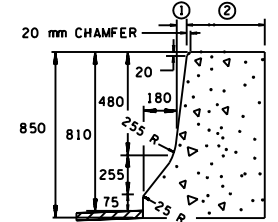


PLAN

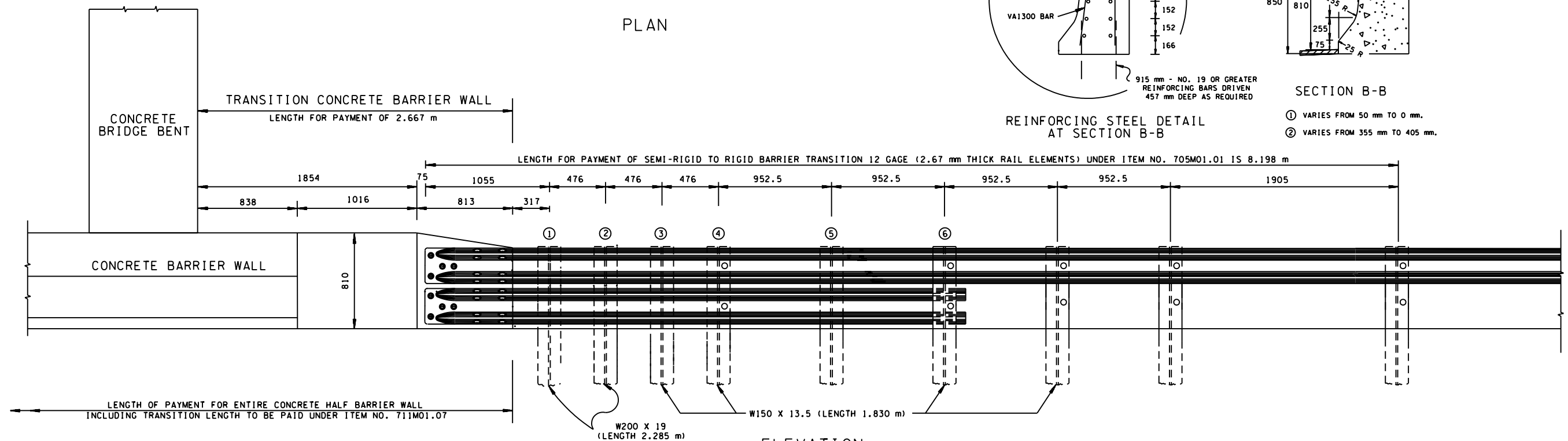


REINFORCING STEEL DETAIL AT SECTION B-B

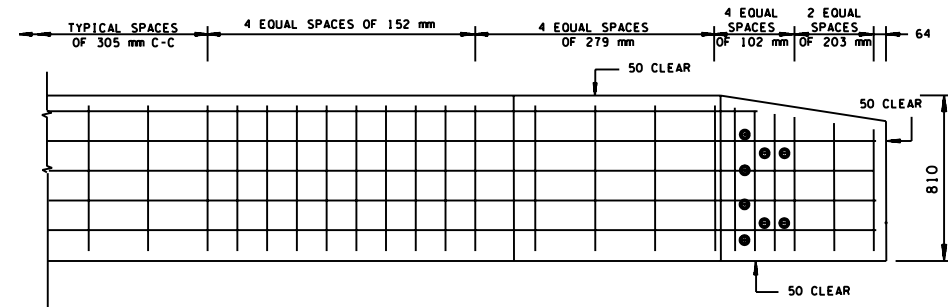


SECTION B-B

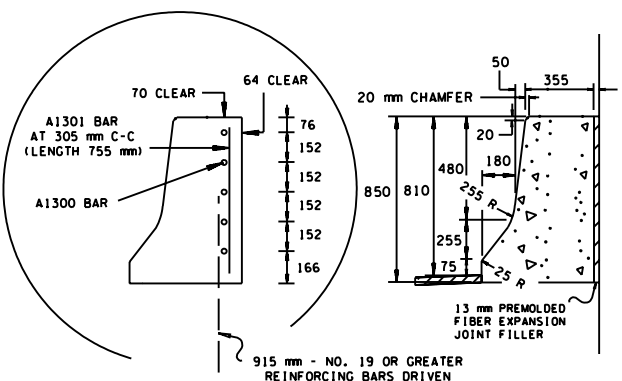
- ① VARIES FROM 50 mm TO 0 mm.
- ② VARIES FROM 355 mm TO 405 mm.



ELEVATION



REINFORCING STEEL DETAIL FOR CONCRETE BARRIER WALL



REINFORCING STEEL DETAIL AT SECTION A-A

SECTION A-A

- GENERAL NOTES**
- (A) CONCRETE BARRIER WALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 711 AND/OR CURRENT SPECIAL PROVISIONS.
  - (B) SEE STANDARD DRAWING SM-GR-23 FOR DETAILS OF METAL GUARDRAIL AND FOR TERMINATING CONCRETE BARRIER WALL.
  - (C) SEE STANDARD DRAWING SM-MB-1 FOR ADDITIONAL DETAILS AND GENERAL NOTES REGARDING CONTRACTION JOINTS, EXPANSION JOINTS AND TEXTURE FINISH.
  - (D) SEE STANDARD DRAWING SM-MB-1 FOR DETAILS AND REQUIREMENTS FOR BARRIER WALL DELINEATOR.
  - (E) BARRIER WALL DELINEATORS WILL NOT BE REQUIRED IN AREAS WHERE ROADWAY IS LIGHTED.
  - (F) THE COST OF FURNISHING AND INSTALLING BARRIER WALL DELINEATORS, INCLUDING ALL MATERIALS, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE INSTALLATION, SHALL BE INCLUDED IN PRICE BID FOR CONCRETE BARRIER WALL. SEE SM-MB-1 FOR LOCATION.
  - (G) ALONG TOP EDGES OF CONCRETE BARRIER WALL THE CONTRACTOR MAY USE 20 mm RADIUS IN LIEU OF 20 mm CHAMFER SHOWN ON THIS SHEET.
  - (H) THE CONTRACTION JOINTS ARE TO BE SPACED AT 6.1 m TO 7.6 m INTERVALS WHEN CONSTRUCTED ON ASPHALT PAVEMENT. WHEN THE CONCRETE BARRIER WALL IS ATTACHED TO CONCRETE PAVEMENT, THE CONTRACTION JOINTS WILL CORRESPOND TO THE JOINTS IN THE CONCRETE PAVEMENT. THE COST OF MATERIAL AND LABOR FOR THE JOINT INSTALLATION SHALL BE INCLUDED IN THE BID PRICE FOR CONCRETE BARRIER WALL.
  - (I) PAYMENT FOR ENTIRE CONCRETE HALF BARRIER WALL INCLUDING TRANSITION LENGTH WILL BE MADE UNDER ITEM NO. 711M01.07, CONCRETE HALF BARRIER WALL PER LINEAR METER.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

☐ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

STANDARD DETAILS FOR  
CONCRETE BARRIER  
WALL AT BRIDGE BENTS  
INCLUDING  
GUARDRAIL ATTACHMENT

3-31-03 SM-MB-8