DESIGN SPECIFICATIONS:  
- STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES ADOPTED BY ASHTO, 1992, INCLUDING THE 1993 INTERIM SPECIFICATION.
- DESIGN DATA: CONCRETE CLASS S 71' 8, 4000 P.S.I., REINFORCING STEEL ASTM A615, 60/70 GRADE DB 494, 60000 P.S.I.

CONTROL JOINTS FOR CONCRETE PARAPETS: THE JOINTS SHALL BE CONSTRUCTED BY SAWCUTS 1 INCH DEEP ALONG PERIMETER OF THE PARAPET AS SOON AS THE SAP CAN BE OPERATED WITH OUT DAMAGING THE CONCRETE.

THE USE OF AN EDGE GUIDE, FENCE, OR HOE IS REQUIRED TO INSURE THAT THE CUT JOINT IS STRAIGHT, TRUE, AND ALIGNED ON ALL FACES. THE JOINT WIDHT SHALL BE THE WIDTH OF THE SAW BLADE, A NOMINAL WIDTH OF 1 INCH.

THE PERIMETER OF THE DEFLECTION CONTROL JOINT SHALL BE SEATED WITH A CUSHIONING MATERIAL TO A MINIMUM DEPTH OF 1 INCH CONFORMING TO FEDERAL SPECIFICATION TT-S-0020F. THE BOTTOM ONE HALF INCH OF BOTH THE INSIDE AND OUTSIDE FACES OF THE PARAPET SHOULD BE LEFT UNSCOURED TO ALLOW ANY WATER WHICH MAY ENTER THE JOINT TO ESCAPE.

SAWCUTS SHALL BE PLACED AT A MINIMUM OF 60° AND MAXIMUM OF 100° CENTERS.

QUANTITIES OF CONCRETE, REINFORCING STEEL, DEFLCTION JOINT CUSHIONING MATERIAL FOR PARAPETS ARE INCLUDED WITH APPROPRIATE ITEM UNLESS EMBRIBUTED OR SUPERSTRUCTURE FOR PAYMENTS.

FOR BRIDGE TERMINAL ASSEMBLY SEE STANDARD CONSTRUCTION DRAWING OR-3, 1 AND OR-3, 2.

VOLUME OF 140° TRANSITION SECTION IS 1.76 CY. FT.

REINFORCING BAR LIST

- MAIN LENGTH: TIE BAR LENGTH: SUP.
- 1501 10-0" STR. 1505 7-11" BT
- 1502 5-8" BT 1502 3-4" BT
- 1503 5-8" STR. 1503 3-9" BT
- 1504 3-8" STR. 1504 3-9" BT
- 1505 3-4" STR. 1505 3-7" BT
- 1506 3-4" STR. 1506 3-5" BT
- 1507 4-5" STR. 1507 3-4" BT
- 1508 4-6" STR. 1508 3-5" BT
- 1509 4-6" STR. 1509 3-5" BT
- 1510 4-9" STR. 1510 3-5" BT
- 1511 8-9" STR. 1511 3-5" BT
- 1512 8-9" STR. 1512 3-0" BT

SEE PROJECT PLANS

SECTION B-B
- CONSTRUCTION JOINT
- TIE OF PARAPET

SECTION C-C

SECTION D-D
- CONSTRUCTION JOINT (TYP.)

SECTION E-E
- OPTIMAL CONSTRUCTION JOINT (TYP.)

SECTION F-F
- FIELD BEND TIES WHERE NECESSARY, INCLUDE BENDING DIAGRAMS ON PROJECT PLANS.