SECTION B-B

# = WINGWALL LENGTH

SECTION C-C

G PLATE AS501, AS502 AND AS503 BARS PARALLEL WITH THE DECK SLAB LONGITUDINAL BARS.

T = SLAB THICKNESS

SECTION D-D

OPTIONAL HOOKED DOWEL BAR

IN LIEU OF PROVIDING THE ABO1 ANCHOR BARS AS SHOWN IN DETAIL X, NO. 8 HOOKED DOWEL BARS MAY BE DRILLED AND GRUTED TO A DEPTH OF 12 INCHES ACCORDING TO ITEM 502. FURNISH NONSHRINK, NONMETALLIC GROUT, HMP-20. AUTOMATICALLY PLACE SUBSTRUCTURE REINFORCING STEEL TO AVOID INTERFERENCE WITH THE DRILLING OF DOWEL HOLES.

DETAL X

THE ANCHOR BARS, OR OPTIONAL DOWEL BARS SHALL BE PLACED VERTICALLY AT THE LOCATION SHOWN.

00 SEE OPTIONAL HOOKED DOWEL BAR DETAIL.

SLAB EDGE BEAM

(WHEN REQUIRED)
GENERAL NOTES

DESIGN SPECIFICATIONS:
This standard drawing conforms to the "ASHSTO LRFD BRIDGE DESIGN SPECIFICATIONS" adopted by the American Association of State Highway and Transportation Officials, 2001, including the 2000 interim revisions, and the 2001 GOOD BRIDGE DESIGN MANUAL.

DESIGN DATA:
DESIGN METHOD - LOAD AND RESISTANCE FACTOR DESIGN
LIVE LOAD - HL-93
FUTURE MOWING SURFACE - 0.06 KSI
DESIGN STRESSES:
SUBSTRUCTURE CONCRETE - COMPRRESSIVE STRENGTH = 4.0 KSI
REINFORCING STEEL - MINIMUM YIELD STRENGTH = 60 KSI

DESIGN INSTRUCTIONS:
GENERAL:
This drawing provides general design and construction details. The project plans for each structure shall show stations, span lengths, roadway width, skew, curve and super elevation data of any elevations, superstructure details, estimated quantities, reinforcing steel list, areas of sealing, type of sealer and other necessary details and special notes.

PILES:
The designer shall furnish the pile type, size, spacing and ultimate bearing value on the project plans. The maximum pile spacing is 8'-0".

REINFORCING STEEL:
The minimum lap lengths for the reinforcing steel are 1'-3" for #6 bars and 2'-7" for #5 bars, unless noted otherwise. The lap lengths assume epoxy coated reinforcing steel. If the longitudinal bars are spliced, place lap splices in a staggered arrangement.