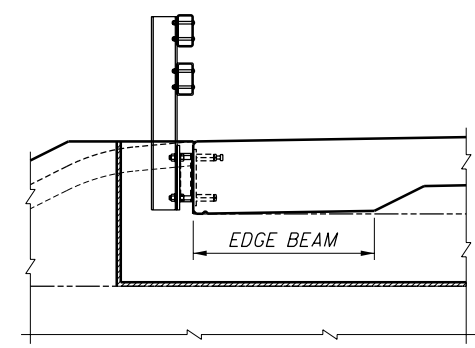


SECTION F-F

W = WINGWALL LENGTH
FOR SECTIONS C-C AND D-D SEE SHEET 2 OF 4



SLAB EDGE BEAM
(WHEN REQUIRED)

GENERAL NOTES

DESIGN SPECIFICATIONS:
THIS STANDARD DRAWING CONFORMS TO THE "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2007, INCLUDING THE 2008 INTERIM REVISIONS, AND THE 2007 ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA:
DESIGN METHOD - LOAD AND RESISTANCE FACTOR DESIGN
LIVE LOAD - HL93
FUTURE WEARING SURFACE - 0.06 KSF
DESIGN STRESSES:
SUBSTRUCTURE CONCRETE - COMPRESSIVE 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 SUPERELEVATION DATA (IF 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 7'-3" FOR #8 BARS AND 3'-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.

REINFORCING STEEL						BENDING DIAGRAMS			
MARK	LENGTH	TYPE	A	B	C				
A401	8'-10"	2	1'-9"	2'-6"					
A501	10'-7"	2	2'-8"	2'-7"					
A502	*	2	1'-11"	*					
A503	SERIES BAR	2	1'-11"	*					
A504	*	STR							
A505	*	STR							
A506	*	STR							
A507	*	STR							
A508	*	STR							
A509	*	5	*	*	*				
A510	*	5	*	*	*				
A801	3'-10"	3	2'-0"						
A801	2'-11"	4	2'-0"						
A802	*	STR	*						
S501	*	1	1'-5"/COS θ	*					
S502	*	2	1'-11"/COS θ	1'-1"					
S503	*	2	1'-11"/COS θ	*					
S801	*	STR	*						
S802	*	STR	*						
D801	*	6	*						

* DIMENSION MAY VARY WITH EACH INDIVIDUAL STRUCTURE.
θ = SKEW