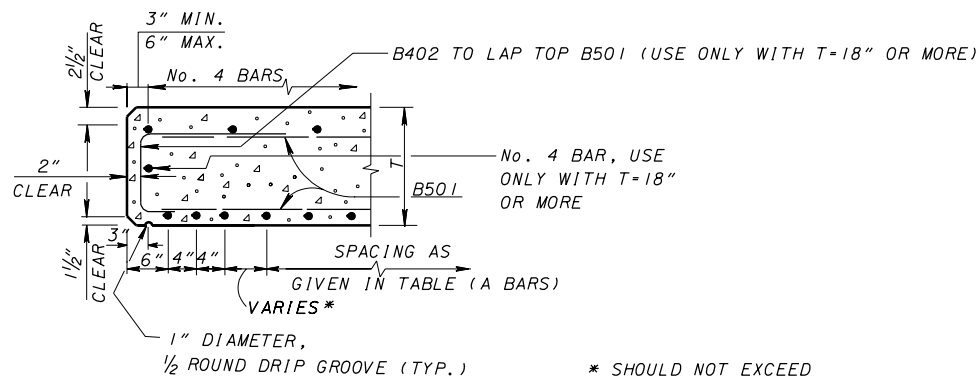
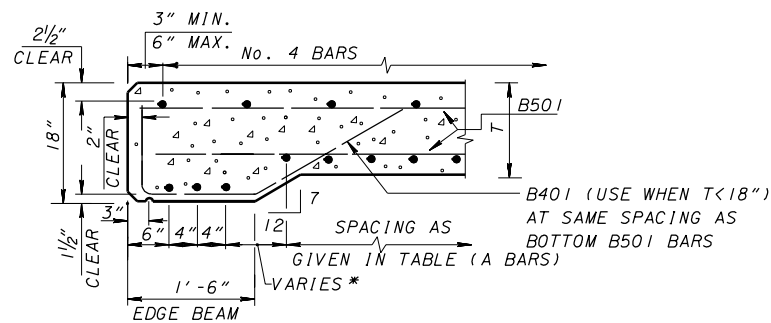


PART PLAN
(RAILING NOT SHOWN)



PART SECTION DECK FASCIA
(DO NOT USE EDGE BEAM WHERE T IS 18" OR MORE)



PART SECTION DECK FASCIA
(USE EDGE BEAM WHERE T IS LESS THAN 18")

SLAB DATA				
SPAN	THICKNESS T	REINFORCING		
		A BARS SPACING	B501 BAR SIZE (BOTTOM)	B501 SPACING (BOTTOM)
11'-0"	11 1/4"	6 1/4"	7	10 1/2"
12'-0"	11 3/4"	6"	7	10 1/2"
13'-0"	12 1/2"	6"	7	11"
14'-0"	13"	6"	7	11 1/4"
15'-0"	13 1/2"	6"	7	11 3/4"
16'-0"	14"	7 1/2"	8	11 1/2"
17'-0"	14 3/4"	7 3/4"	8	12 1/4"
18'-0"	15 1/4"	7 1/2"	8	12 1/4"
19'-0"	15 3/4"	7 1/2"	8	12 3/4"
20'-0"	16 1/4"	7 1/4"	8	12 1/2"
21'-0"	16 3/4"	7"	8	12 1/2"
22'-0"	17 1/4"	8 3/4"	9	12 1/2"
23'-0"	17 3/4"	8 3/4"	9	12 3/4"
24'-0"	18 1/4"	8 1/2"	9	12 3/4"
25'-0"	18 3/4"	8 1/4"	9	12 1/2"
26'-0"	19 1/4"	8"	9	12 1/2"
27'-0"	19 3/4"	7 3/4"	9	12 1/4"
28'-0"	20 1/2"	7 1/2"	9	12"
29'-0"	21"	9 1/4"	10	12"
30'-0"	21 1/2"	8 3/4"	10	11 1/2"
31'-0"	22"	8 1/2"	10	11 1/4"
32'-0"	22 3/4"	8 1/2"	10	11 1/2"
33'-0"	23 1/4"	8 1/4"	10	11 1/4"
34'-0"	23 3/4"	8"	10	11 1/4"
35'-0"	24 1/4"	7 3/4"	10	11"
36'-0"	25"	7 1/2"	10	10 3/4"
37'-0"	25 1/2"	7 1/4"	10	10 1/2"
38'-0"	26"	7"	10	10 1/4"

GENERAL: THIS DRAWING PROVIDES DESIGN AND GENERAL CONSTRUCTION DETAILS FOR SINGLE SPAN SLAB BRIDGES. THE PROJECT PLANS FOR EACH STRUCTURE WILL SHOW SPAN LENGTHS, ROADWAY WIDTHS, SKEW, CURVE AND SUPERELEVATION (IF ANY), ELEVATIONS, SLAB REINFORCEMENT DETAILS IN PLAN AND CROSS SECTIONS, SUBSTRUCTURE DETAILS, ESTIMATED QUANTITIES, REINFORCING STEEL LIST AND OTHER NECESSARY DETAILS AND SPECIAL NOTES.

DESIGN SPECIFICATIONS: THIS DRAWING CONFORMS TO THE "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 1996, INCLUDING THE 1997 - 2002 INTERIMS, AND THE OHIO BRIDGE DESIGN MANUAL, 2003.

DESIGN DATA:
DESIGN METHOD - LOAD FACTOR DESIGN
DESIGN LOADING - HS25 AND THE ALTERNATE MILITARY LOADING
SUPERIMPOSED DEAD LOAD - 60 LB/FT²
WEARING SURFACE - ONE INCH MONOLITHIC

DESIGN STRESSES:
CONCRETE - COMPRESSIVE STRENGTH = 4500 PSI
REINFORCING STEEL - MIN. YIELD STRENGTH = 60 KSI

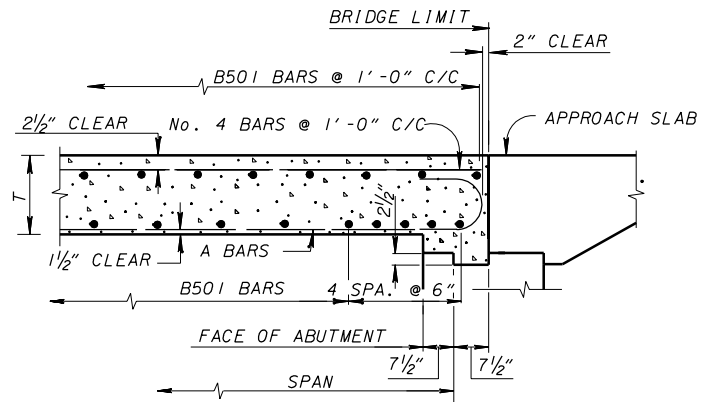
EDGE BEAM OPTION: IN LIEU OF FORMING AN EDGE BEAM, AT NO ADDITIONAL COST TO THE OWNER, THE CONTRACTOR MAY FURNISH AN 18" SLAB OR A SLAB VARYING IN THICKNESS FROM 18" AT THE EDGE TO "T" AT THE CENTER OF THE ROADWAY.

CAMBER: TO COMPENSATE FOR FALSEWORK DEFLECTION AND FOR THE DEFLECTION OF THE SLAB AFTER THE FALSEWORK IS REMOVED, BUILD CAMBER INTO THE FALSEWORK ACCORDING TO CMS 508.02.

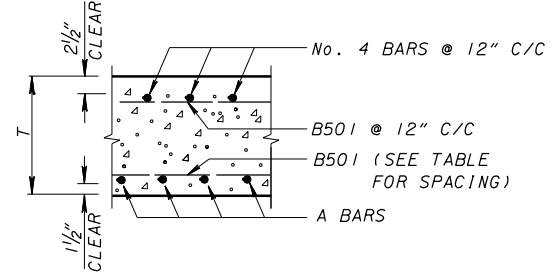
SKEW: FOR BRIDGES WITH SKEW, PLACE LONGITUDINAL BARS PARALLEL TO THE CENTERLINE OF THE ROADWAY AND TRANSVERSE BARS PARALLEL TO THE PIERS AND ABUTMENTS. DO NOT USE THIS STANDARD FOR SKEWS GREATER THAN 30°.

REINFORCING STEEL: FURNISH THE REINFORCING STEEL LENGTHS AS INDICATED IN THE TABLE OR PROVIDE LAP SPLICES WITH THE MINIMUM LAP LENGTHS SHOWN BELOW. IF LAP SPLICES ARE PROVIDED, STAGGER THE LOCATION OF THE SPLICES.

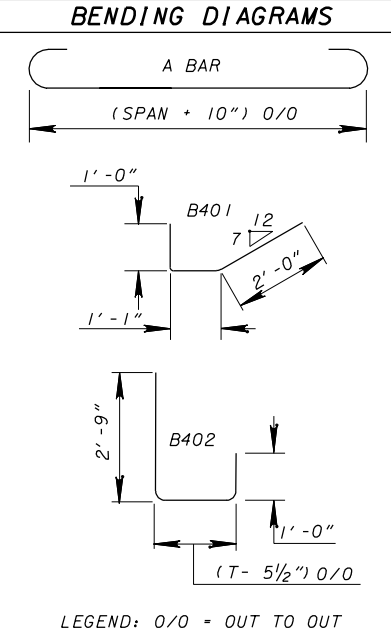
NO. 4 LAP = 2'-9"	NO. 8 LAP = 7'-3"
NO. 5 LAP = 3'-5"	NO. 9 LAP = 9'-2"
NO. 7 LAP = 5'-6"	NO. 10 LAP = 11'-7"



SECTION A-A



SECTION B-B



LEGEND: 0/0 = OUT TO OUT