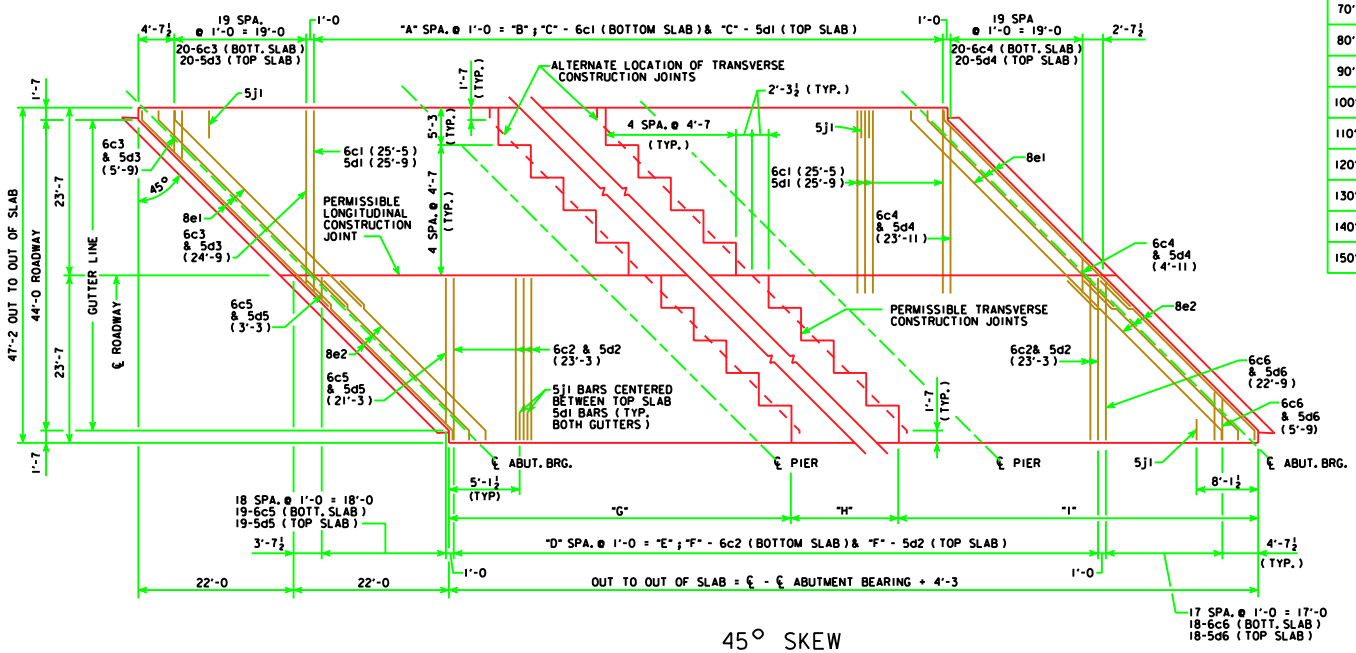
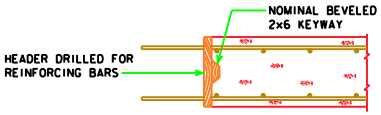
45° TRANSV. REINFORCING DIMENSION TABLE

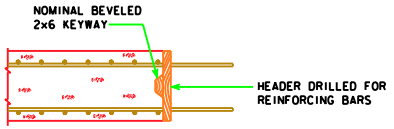
BRIDGE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"
70' BRIDGE	47	47'-0	48	49	49'-0	50	27'-3	17'-0	30'-0
80' BRIDGE	57	57'-0	58	59	59'-0	60	31'-3	19'-0	34'-0
90' BRIDGE	67	67'-0	68	69	69'-0	70	35'-3	21'-0	38'-0
100' BRIDGE	77	77'-0	78	79	79'-0	80	39'-3	23'-0	42'-0
110' BRIDGE	87	87'-0	88	89	89'-0	90	43'-3	25'-0	46'-0
120' BRIDGE	97	97'-0	98	99	99'-0	100	47'-3	27'-0	50'-0
130' BRIDGE	107	107'-0	108	109	109'-0	110	51'-3	29'-0	54'-0
140' BRIDGE	117	117'-0	118	119	119'-0	120	55'-3	31'-0	58'-0
150' BRIDGE	127	127'-0	128	129	129'-0	130	59'-3	33'-0	62'-0



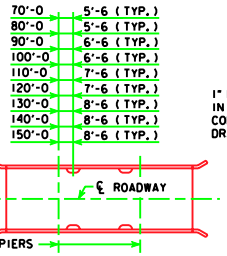
45° SKEW
TRANSVERSE REINFORCING STEEL LAYOUT
NOTE: 5d BARS ARE TO PASS UNDER 8e BARS IN CONFLICT AREAS.



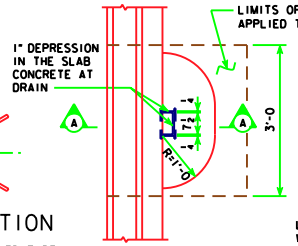
TRANSVERSE CONSTR. JOINT



LONGITUDINAL CONSTR. JOINT



FLOOR DRAIN LOCATION



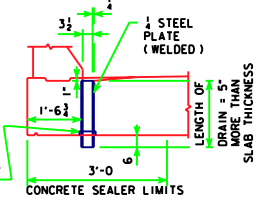
PART PLAN

NOTE: 4" X 8" OUTSIDE DIMENSION ROLLED TUBE WITH ¼" WALL THICKNESS MAY BE SUBSTITUTED FOR THE WELDED DRAIN SHOWN.

FLOOR DRAIN DETAILS

(USE FOR BARRIER RAIL ONLY, NOT REQUIRED FOR OPEN RAIL)

NOTE: DRAINS ARE TO BE GALVANIZED. INCLUDE COST OF DRAINS IN PRICE BID FOR "STRUCTURAL CONCRETE". 4 DRAINS REQUIRED.



L1¼ X 1¼ X ⅛ X 0'-3 WELDED TO BOTH SIDES OF DRAIN WITH 2-¼ HOLES IN EACH OUTSTANDING LEG FOR NAILING TO FORMS

SECTION A-A

WEIGHT OF ONE FLOOR DRAIN			
SPAN	WEIGHT, LBS.	SPAN	WEIGHT, LBS.
70'-0	32	120'-0	41
80'-0	33	130'-0	43
90'-0	35	140'-0	45
100'-0	37	150'-0	48
110'-0	39		

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

SUPERSTRUCTURE DETAILS ALL BRIDGES
45° SKEW

J44-24-06